

Miniblocks Insulation Displacement ADO - ADO

ground terminal blocks not
electrically connected to the
mounting plate

Base mount with flanges



Other accessories of this terminal blocks:
see pages of same size standard blocks.

* Notches to identify 8 mm spacing.

Characteristics			DB 1/5.PI.ADO		DB 1,5/6.PI.ADO		DB 2,5/8.PI.ADO	
Wire size			NFC	IEC DIN	NFC	IEC DIN	NFC	IEC DIN
ADO	Rigid			0,2-1 mm ²		0,28-1,5 mm ²		1-2,5 mm ²
	Flexible			0,22-1 mm ²		0,34-1,5 mm ²		1-2,5 mm ²
Rated current short-circuit				120 A / 1 s.		180 A / 1 s.		300 A / 1 s.
Rated wire size nominal / gauge				1 mm ²		1,5 mm ²		2,5 mm ²
Other characteristics			Wire strip. length	Recomm. screwdriver	Wire strip. length	Recomm. screwdriver	Wire strip. length	Recomm. screwdriver
				3 g		5 g		7 g
				.11 oz		.18 oz		.25 oz
				IP 20		IP 20		IP 20
				NEMA 1		NEMA 1		NEMA 1
Approvals			cULus		cULus		cULus	
Accessories			Type	Part number	Type	Part number	Type	Part number
1	End section kit with flanges (left + right)	grey orange	FEAD4 V0	1SNA 199 439 R2000	FEAD4 V0	1SNA 199 439 R2000	FEAD4 V0	1SNA 199 439 R2000
			FEAD4 V0	1SNA 199 440 R0500	FEAD4 V0	1SNA 199 440 R0500	FEAD4 V0	1SNA 199 440 R0500
R	See section on markers	mode	RC55		RC65		RCAL85	

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Characteristics			DB 4/8.PI.ADO3					
Wire size			NFC	IEC DIN	NFC	IEC DIN	UL	CSA
ADO	Rigid			4 mm ²				
	Flexible			4 mm ²				
Rated current short-circuit				480 A / 1 s.				
Rated wire size nominal / gauge				4 mm ²				
Other characteristics			Wire strip. length	Recomm. screwdriver	Wire strip. length	Recomm. screwdriver	Wire strip. length	Recomm. screwdriver
				7 g				
				.25 oz				
				IP 20				
				NEMA 1				
Approvals			cULus		CE			
Accessories			Type	Part number	Type	Part number	Type	Part number
1	End section kit with flanges (left + right)	grey orange	FEAD4 V0	1SNA 199 439 R2000				
			FEAD4 V0	1SNA 199 440 R0500				
R	See section on markers	mode	RCAL85					

Miniblocks Insulation Displacement

ADO - ADO
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mounting plate

Base mount with snap in
mounting foot



Other accessories of this terminal blocks:
see pages of same size standard blocks.

* Notches to identify 8 mm spacing.

Characteristics			IEC		UL/CSA		IEC		UL/CSA		IEC		UL/CSA	
Wire size			NFC	DIN			NFC	DIN			NFC	DIN		
Wire size	ADO	Rigid	0,2-1 mm ²		24-18 AWG		0,28-1,5 mm ²		22-16 AWG		1-2,5 mm ²		16-14 AWG	
		Flexible	0,22-1 mm ²		24-18 AWG		0,34-1,5 mm ²		22-16 AWG		1-2,5 mm ²		16-14 AWG	
Rated current short-circuit			120 A / 1 s.				180 A / 1 s.				300 A / 1 s.			
Rated wire size nominal / gauge			1 mm ²		18 AWG		1,5 mm ²		16 AWG		2,5 mm ²		14 AWG	
Other characteristics			Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
					3 g	IP 20			5 g	IP 20			7 g	IP 20
					.11 oz	NEMA 1			.18 oz	NEMA 1			.25 oz	NEMA 1
Approvals			cULus		UL		cULus		UL		cULus		UL	
Accessories			Type		Part number		Type		Part number		Type		Part number	
1	End section	grey	FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000	FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000	FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000
		orange	FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100	FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100	FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100
R	See section on markers	mode	RC55				RC65				RCAL85			

Miniblocks Insulation Displacement

ADO - ADO
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mounting plate

Base mount with snap in
mounting foot



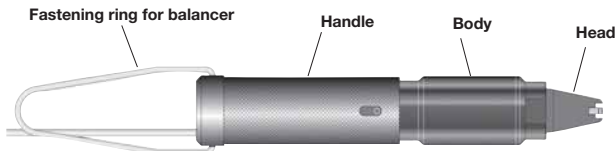
Other accessories of this terminal blocks:
see pages of same size standard blocks.

* Notches to identify 8 mm spacing.

Characteristics			IEC		UL/CSA		IEC		UL		CSA		IEC		UL		CSA	
Wire size			NFC	DIN			NFC	DIN					NFC	DIN				
Wire size	ADO	Rigid	4 mm ²		12 AWG													
		Flexible	4 mm ²		12 AWG													
Rated current short-circuit			480 A / 1 s.															
Rated wire size nominal / gauge			4 mm ²		12 AWG													
Other characteristics			Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
					7 g	IP 20												
					.25 oz	NEMA 1												
Approvals			cULus		UL													
Accessories			Type		Part number		Type		Part number		Type		Part number		Type		Part number	
1	End section	grey	FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000												
		orange	FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100												
R	See section on markers	mode	RCAL85															

TOOLS PRESENTATION

PNEUMATIC TOOL KIT



OUTAD 1SNA 205 710 R1100

This kit includes extraction tool EXAD2.

Extraction ferrule

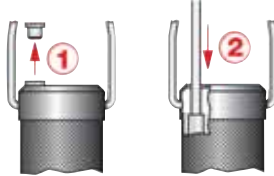


EXAD2 1SNA 205 721 R0000

Pneumatic tool installation

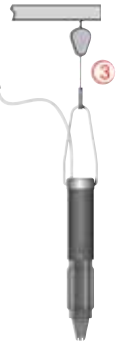
Technical information

- Energy : lubricated compressed air.
- Air pressure : 6 ± 0.5 bars.
- Lubrication BY F.R.L.
(Filter, Regulator, Lubricator)
(1 oil drop every 20 operations)
- Compressed-air supply : standard pipe DIA. 4 mm.
- Connection of the pipe to the tool by quick release coupling (integrated into the tool).
- Min. nb of operations : 1 000 000
- Dimensions : Lg : 215 mm x DIA. 37 mm.
- Weight : 575 g.



- 1 Remove the protective plug from the compressed air inlet.
- 2 Insert the clean cut pipe without special preparation into the dedicated hole and push in fully.
- 3 Hang the toll on a balancer.

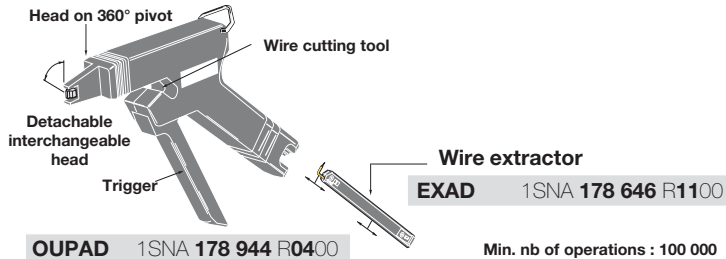
Quick release coupling in accordance with your installation (not provided).



For more information, contact your entrelec local agent.

Warranty of the tool : 1 year in standard use (except disassembling of the tool's body by customer).

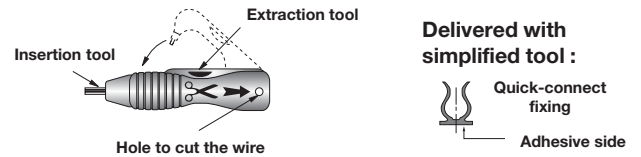
SEMI-AUTOMATIC TOOL



OUPAD 1SNA 178 944 R0400

Min. nb of operations : 100 000

SIMPLIFIED TOOL



OUMAD 1SNA 179 466 R0600

Min. nb of operations : 500

INSTRUCTION FOR USE

Allows connection of two wires of the same gage and type (rigid or flexible) one by one.

A - Connection of the first wire

Pneumatic tool :

- 1 Introduce the wire.
- 2 Apply the tool head to the upper opening without forcing its self-alignment device (the tool must be at right angle with the block).
- 3 Operate the handle directly in line with the tool to release a connect cycle.



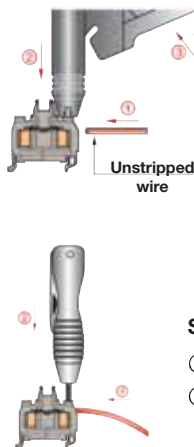
Safety :
This tool must be operated only when positioned on the terminal block.



Unstripped wire

Semi-automatic tool :

- 1 Introduce the wire.
- 2 Apply the tool head to the upper opening without forcing its self-alignment device (the tool must be at right angle with the block).
- 3 Press the trigger all the way.
- 4 Release the trigger to disengage the tool.



Simplified tool :

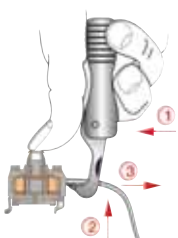
- 1 Introduce the wire.
- 2 Place the tool into the upper opening, push the wire home.

B - Connection of the second wire : same as for the first wire.

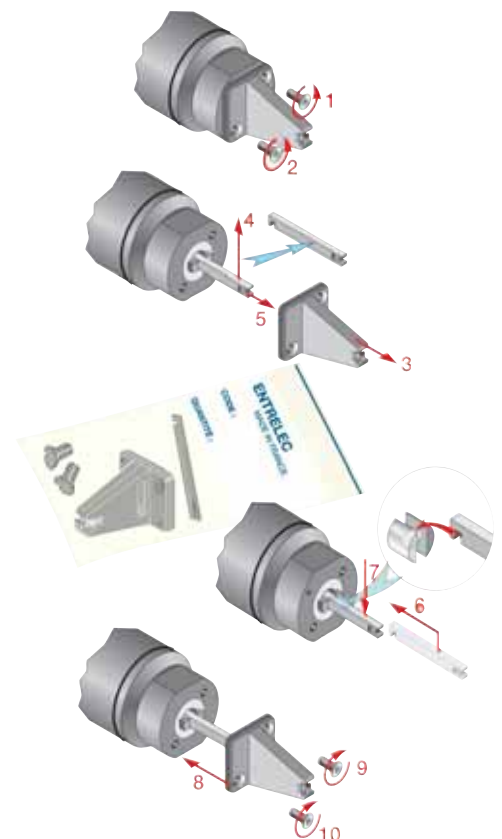
C - Extraction of wires

- 1 Place the hook of the extractor under the wire into the slot of the terminal block.
- 2 Slide the wires outside while securing firmly the block.
- 3 Remove the first wire. Repeat operations 1 2 3 above for a second wire.

NOTE : Wire must be cut clean before reconnecting it to the terminal block.



REPLACEMENT OF THE HEAD



Replacement head kit

OUTA 1SNA 205 284 R0300



Terminal blocks

D - Power terminal blocks

Summary

1. Terminal blocks DIN 3 with bistable foot and base mounting

Terminal blocks with 2 studs	298
Terminal blocks with 1 stud and 1 wire clamp	301

2. Power terminal blocks type I

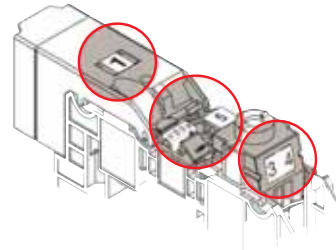
Terminal blocks with 1 stud	304
Terminal blocks with 2 studs	305
Terminal blocks with 1 stud and 1 wire clamp	307

POWER TERMINAL BLOCKS

TECHNICAL SPECIFICATIONS

Marking

Many marking possibilities :
RC, RPC and wire marker



Covers

- Enhanced covers resistance triple hook system
- Cover can be cut to reduce space or for flexible bar connection



Versions

- AF version (Screw clamp / Stud) easy connection to the field
- FF version (2 Studs with cover)

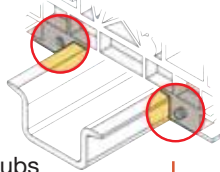


- FF version (2 Studs without cover)

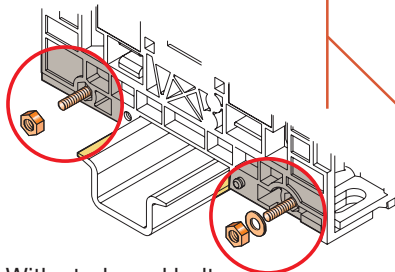


Locking

Assembly solutions



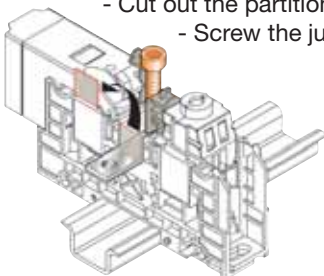
With stubs



With studs and bolts

Jumper bar

- Pivoting marker holder, Jumpers remain IP20
- Move the marker holders up
- Cut out the partition
- Screw the jumper bar



Locking foot

Can be opened from the center or the sides

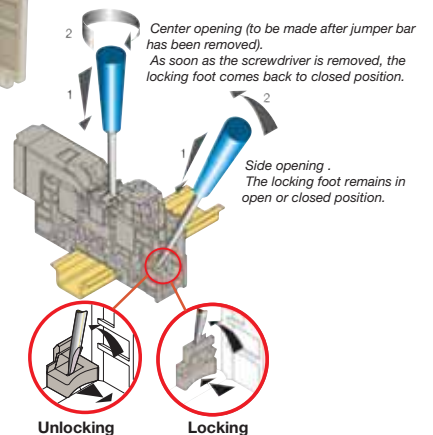
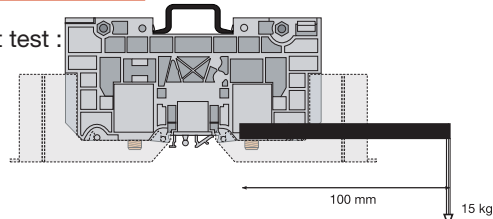


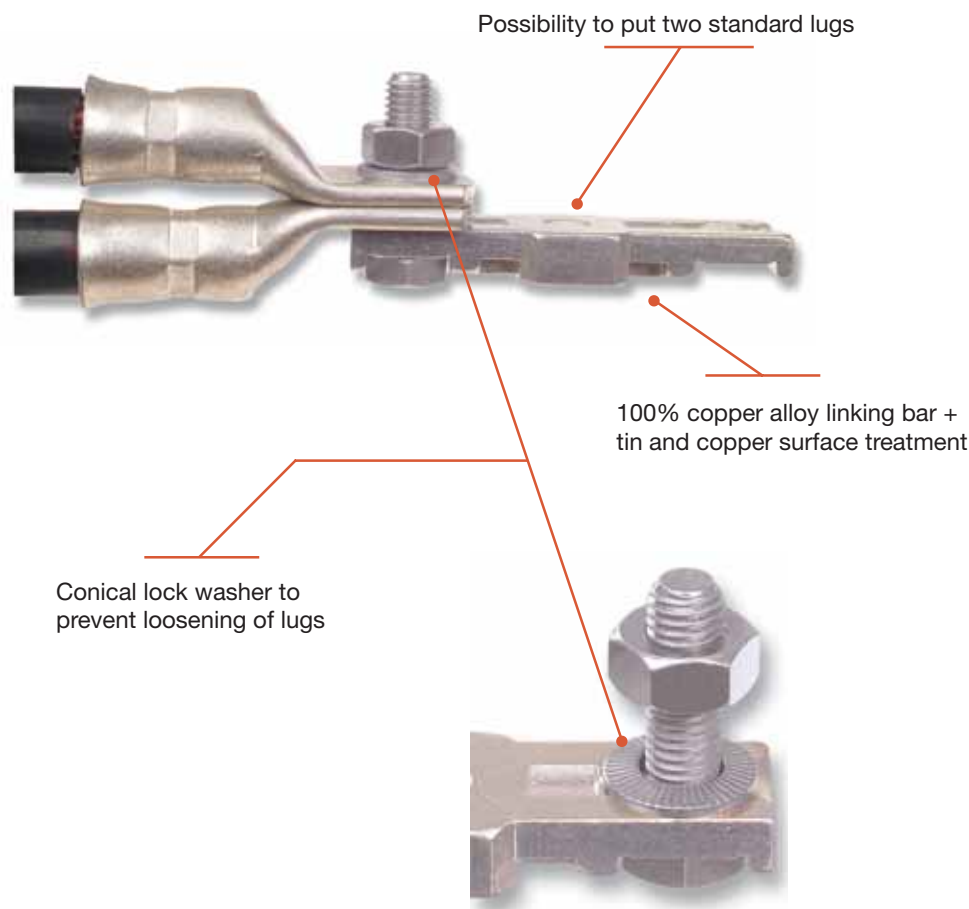
Plate mounting housing

Rail mounting foot test :
High resistance

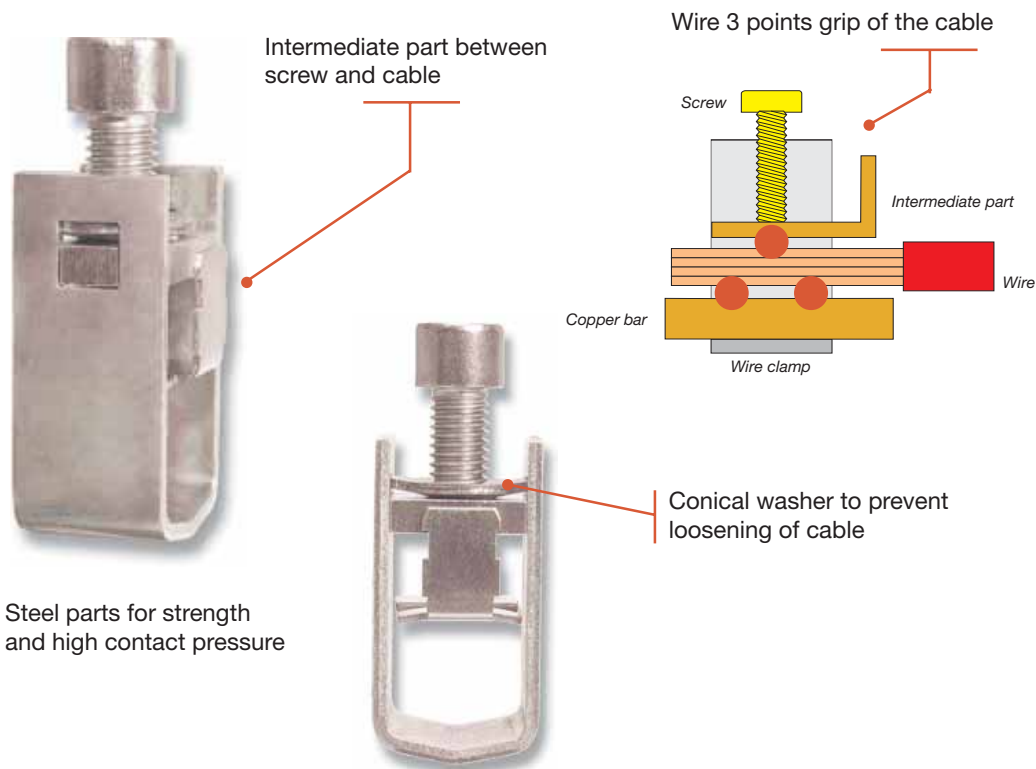


STUD / SCREW CLAMP : SAME SAFETY FEATURES

Stud connection

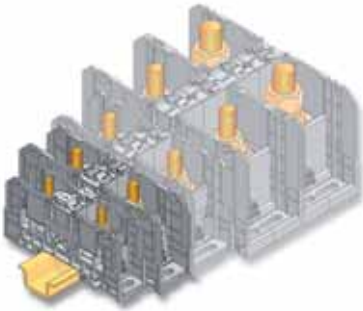


Screw clamp connection



Power terminal blocks

DIN 3 with bistable foot and base mounting



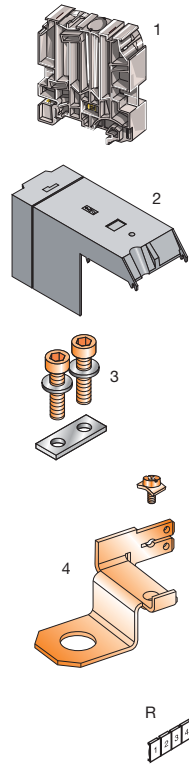
refer to the section "Special Applications" for part numbers and characteristics.

Rail		35 x 7,5 x 1	PR3.22	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Other rails : see section on accessories.				

Notes

* NFC 20130
** DIN 46234
Base mounting with M6 screws.
See drilling next page.

Accessories

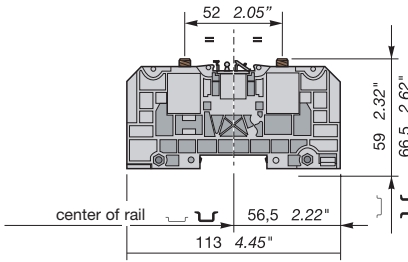


- 1 End stop (other end stops : see accessories)
- 2 Rotating protective cover IP 20
- 3 Jumper bar with Chc screws
2 poles
3 poles
- 4 TAP for Faston 6.35 x 0.8 mm and screw

R See marking chapter
Marking method

D 35/27.FF

Spacing 27 mm (1.06")



2 studs M6



Color	Type	Part number
Grey V0 without cover	D35/27.FF	1SNA 190 001 R2000
Grey V0 delivered with two covers	D35/27.FF	1SNA 190 033 R1700

Characteristics

Wire size		IEC		UL/CSA
		NFC*	DIN**	
Lug	Rigid	2,5-35 mm²	2,5-50 mm²	1 AWG max.
C4*	Flexible	2,5-35 mm²	2,5-35 mm²	1 AWG max.

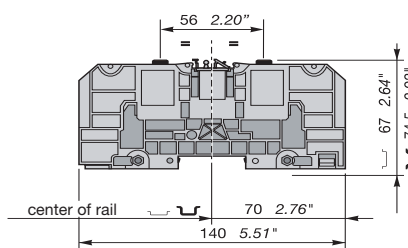
Rated voltage		
V ~	1000	600
Impulse withstand	8 kV	
Pollution degree	3	

Rated current		
Nominal	125 A	125 A

Rated wire size			
Nominal	35 mm²	1 AWG max.	
Lug	Central screw	Wire-clamp	Wire stripping length
H 10 mm	6 mm Allen key		
Recommended wrench	3-6 Nm/26.1-52 lb.in	6-12 Nm/52-104 lb.in	

D 70/32.FF

Spacing 32 mm (1.26")



2 studs M8



Color	Type	Part number
Grey V0 without cover	D70/32.FF	1SNA 190 002 R2100
Grey V0 delivered with two covers	D70/32.FF	1SNA 190 034 R1000

Characteristics

Wire size		IEC		UL/CSA
		NFC*	DIN**	
Lug	Rigid	6-95 mm²	6-70 mm²	000 AWG max.
C6*	Flexible	6-70 mm²	6-70 mm²	000 AWG max.

Rated voltage		
V ~	1000	600
Impulse withstand	8 kV	
Pollution degree	3	

Rated current		
Nominal	192 A	170 A

Rated wire size			
Nominal	70 mm²	000 AWG max.	
Lug	Central screw	Wire-clamp	Wire stripping length
H 13 mm	6 mm Allen key		
Recommended wrench	6-12 Nm/52-104 lb.in	6-12 Nm/52-104 lb.in	

Type	Part number
BADH	1SNA 116 900 R2700
CPUF35	1SNA 190 016 R1600
BJS27	1SNA 205 772 R1300
BJS27	1SNA 205 773 R1400
DRF6	1SNA 205 767 R1600

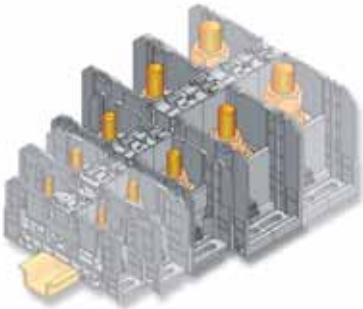
Type	Part number
BADH	1SNA 116 900 R2700
CPUF70	1SNA 190 017 R1700
BJS32	1SNA 205 774 R1500
BJS32	1SNA 205 775 R1600
DRF8	1SNA 205 768 R2700

On cover : RC810
On the middle : RC810 or RPC

On cover : RC810
On the middle : RC810 or RPC

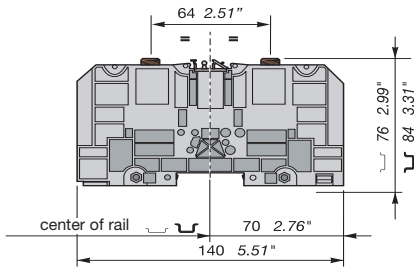
Power terminal blocks

DIN 3 with bistable foot and base mounting



D 120/42.FF

Spacing 42 mm (1.65")



2 studs M10



Color	Type	Part number
Grey V0 without cover	D120/42.FF	1SNA 190 003 R2200
Grey V0 delivered with two covers	D120/42.FF	1SNA 190 035 R1100



Color	Type	Part number
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refer to the section "Special Applications" for part numbers and characteristics.

Rail	35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Other rails : see section on accessories.			

Notes

* NFC 20130
** DIN 46234
Base mounting with M6 screws.
See drilling next page.

Characteristics

Wire size		IEC		UL/CSA
Lug	Rigid	NFC*	DIN**	300 MCM max.
	Flexible	6-150 mm²	6-120 mm²	
C8*		6-120 mm²		300 MCM max.

Characteristics

Wire size		IEC		UL/CSA
Lug	Rigid	NFC*	DIN**	
	Flexible			
C8*				

Rated voltage

V ~	1000	600
Impulse withstand	8 kV	
Pollution degree	3	

Rated voltage

V ~		
Impulse withstand		
Pollution degree		

Rated current

Nominal	269 A	269 A
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Rated current

Nominal		
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Rated wire size

Nominal	120 mm²	300 MCM max.
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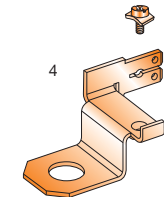
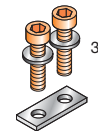
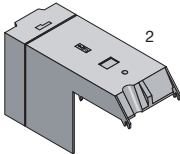
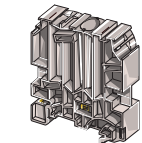
Rated wire size

Nominal		
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Lug	Central screw	Wire-clamp	Wire stripping length
H 17 mm	6 mm Allen key		
Recommended wrench	10-20 Nm/87-174 lb.in	6-12 Nm/52-104 lb.in	
Recommended torque			

Lug	Central screw	Wire-clamp	Wire stripping length

Accessories



- 1 End stop (other end stops : see accessories)
- 2 Rotating protective cover IP 20
- 3 Jumper bar with CHC screws
2 poles
3 poles
- 4 TAP for Faston 6.35 x 0.8 mm and screw

Type Part number

BADH	th. 12 mm	1SNA 116 900 R2700
CPUF120	V0 grey	1SNA 190 018 R2000
BJS42		1SNA 205 776 R1700
BJS42		1SNA 205 777 R1000
DRF10		1SNA 205 769 R2000

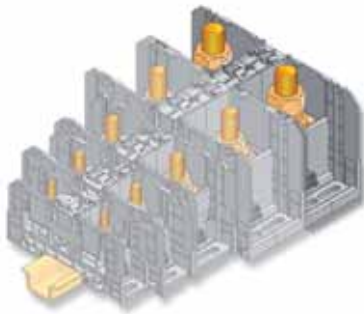
Type Part number

R See marking chapter
Marking method

On cover : RC 810
On the middle : RC 810 or RPC

Power terminal blocks

DIN 3 with bistable foot and base mounting



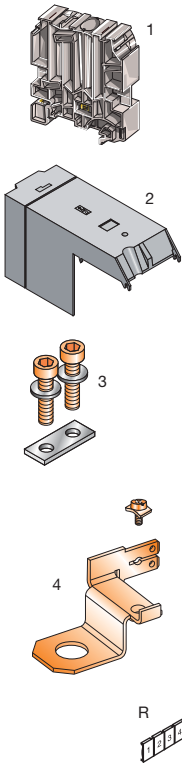
refer to the section "Special Applications" for part numbers and characteristics.

Rail		35 x 7,5 x 1	PR3.22	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Other rails : see section on accessories.				

Notes

* NFC 20130
** DIN 46234
Base mounting with M6 screws.
See drilling next page.

Accessories

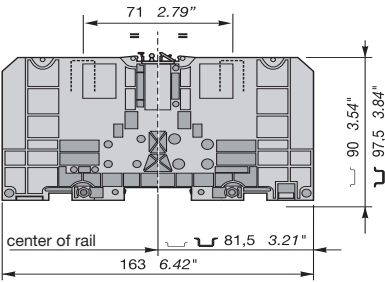


- 1 End stop (other end stops : see accessories)
- 2 Rotating protective cover IP 20
- 3 Jumper bar with ChC screws
2 poles
3 poles
- 4 TAP for Faston 6.35 x 0.8 mm and screw

R See marking chapter
Marking method

D 185/55.FF

Spacing 55 mm (2.16")



2 studs M12



Color	Type	Part number
GreyV0 ☐	D185/55.FF	1SNA 190 004 R2300
without cover		
Grey V0 ☐	D185/55.FF	1SNA 190 036 R1200
delivered with two covers		

Characteristics

Wire size		IEC		UL/CSA
		NFC*	DIN**	
Lug	Rigid	25-240 mm²	6-185 mm²	500 MCM max.
C11*	Flexible	6-185 mm²		500 MCM max.

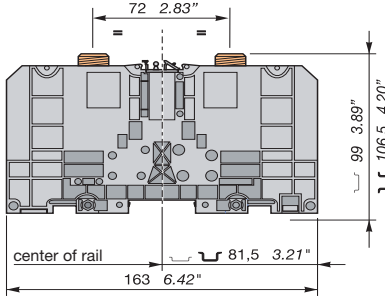
Rated voltage		
V ~	1000	600
Impulse withstand	8 kV	
Pollution degree	3	
Rated current		
Nominal	353 A	353 A
Rated wire size		
Nominal	185 mm²	500 MCM max.
Lug	Central screw	Wire-clamp
Wire stripping length		
Recommended wrench	H 19 mm	6 mm Allen key
Recommended torque	14-30 Nm/121-261 lb.in	6-12 Nm/52-104 lb.in

Type	Part number
BADH	1SNA 116 900 R2700
CPUF185	1SNA 190 019 R2100
BJS551	1SNA 205 778 R2100
BJS551	1SNA 205 779 R2200
DRF12	1SNA 205 770 R2500

On cover : RC810
On the middle : RC810 or RPC

D 300/55.FF

Spacing 55 mm (2.16")



2 studs M16



Color	Type	Part number
Grey V0 ☐	D300/55.FF	1SNA 190 005 R2400
without cover		
Grey V0 ☐	D300/55.FF	1SNA 190 037 R1300
delivered with two covers		

Characteristics

Wire size		IEC		UL/CSA
		NFC*	DIN**	
Lug	Rigid	25-300 mm²	6-300 mm²	1000 MCM max.
C11*	Flexible	6-300 mm²		1000 MCM max.

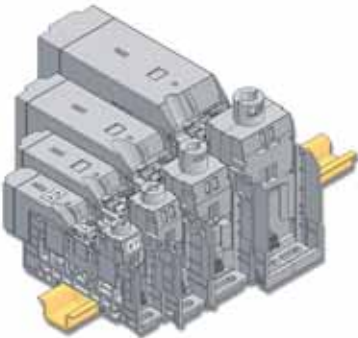
Rated voltage		
V ~	1000	600
Impulse withstand	8 kV	
Pollution degree	3	
Rated current		
Nominal	520 A	460 A
Rated wire size		
Nominal	300 mm²	1000 MCM max.
Lug	Central screw	Wire-clamp
Wire stripping length		
Recommended wrench	H 24 mm	6 mm Allen key
Recommended torque	25-50 Nm/217-435 lb.in	6-12 Nm/52-104 lb.in

Type	Part number
BADH	1SNA 116 900 R2700
CPUF185	1SNA 190 019 R2100
BJS551	1SNA 205 778 R2100
BJS551	1SNA 205 779 R2200
DRF16	1SNA 205 771 R1200

On cover : RC810
On the middle : RC810 or RPC

Power terminal blocks

DIN 3 with bistable foot and base mounting



Delivered with cover

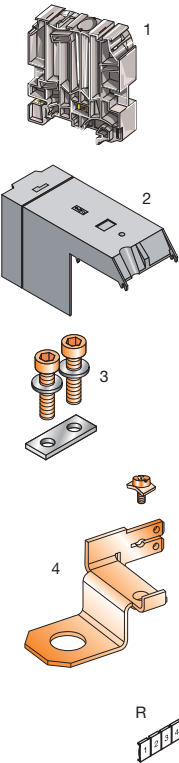
Rail		35 x 7,5 x 1	PR3.22	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Other rails : see section on accessories.				

Notes

* NFC 20130
** DIN 46234

Base mounting with M6 screws.
See drilling next page.

Accessories

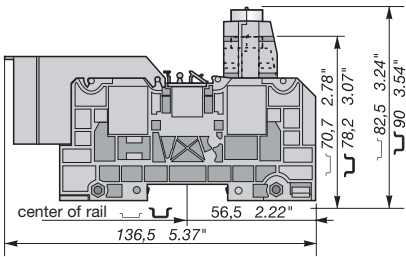


- 1 End stop
(other end stops : see accessories)
- 2 Rotating protective
cover IP 20
- 3 Jumper bar with CHC screws
2 poles
3 poles
- 4 TAP for Faston 6.35 x 0.8 mm
and screw

R See marking chapter
Marking method

D 35/27.AF

Spacing 27 mm (1.06")



1 stud M6 + 1 wire-clamp with CHC M6 screw



Color	Type	Part number
Grey V0	D35/27.AF	1SNA 190 006 R2500

Delivered with covers

Characteristics

Wire size		NFC*	DIN**	UL	CSA
Lug	Rigid	2,5-35 mm²	2,5-50 mm²	1-12 AWG	1-12 AWG
C4*	Flexible	2,5-35 mm²	2,5-35 mm²	1-12 AWG	1-12 AWG
Wire-clamp	Rigid	2,5-40 mm²			
IEC B9	Flexible	2,5-35 mm²			
Rated voltage		IEC	IEC		
V ~		1000	1000	600	600
Impulse withstand		8 kV	8 kV		
Pollution degree		3	3		
Rated current		IEC			
Nominal		125 A		130 A	130 A

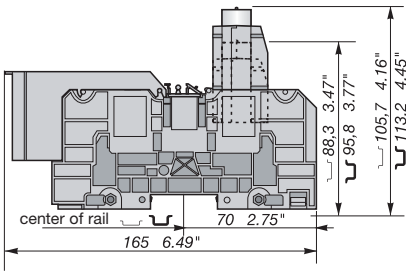
Rated wire size				
Nominal		35 mm²		
Lug	Central screw	Wire-clamp	Wire stripping length	
H 10 mm	6 mm Allen key	5 mm Allen Key	28 mm	
3-6 Nm/26.1/52 lb.in		6-12 Nm/52-104 lb.in		

Type		Part number
BADH		th. 12 mm 1SNA 116 900 R2700
CPUF35	V0 grey	1SNA 190 016 R1600
BJS27		1SNA 205 772 R1300
BJS27		1SNA 205 773 R1400
DRF6		1SNA 205 767 R1600

On cover : RC810
On the middle : RC810 or RPC

D 70/32.AF

Spacing 32 mm (1.26")



1 stud M8 + 1 wire-clamp with CHC M8 screw



Color	Type	Part number
Grey V0	D 70/32.AF	1SNA 190 007 R2600

Delivered with covers

Characteristics

Wire size		NFC*	DIN**	UL	CSA
Lug	Rigid	6-95 mm²	6-70 mm²	000-10 AWG	000-10 AWG
C6*	Flexible	6-70 mm²	6-70 mm²	000-10 AWG	000-10 AWG
Wire-clamp	Rigid	6-95 mm²			
IEC B11	Flexible	6-70 mm²			
Rated voltage		IEC	IEC		
V ~		1000	1000	600	600
Impulse withstand		8 kV	8 kV		
Pollution degree		3	3		
Rated current		IEC			
Nominal		192 A		165 A	165 A

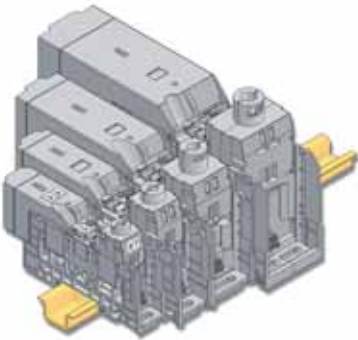
Rated wire size				
Nominal		70 mm²		
Lug	Central screw	Wire-clamp	Wire stripping length	
H 13 mm	6 mm Allen key	6 mm Allen Key	33 mm	
6-12 Nm/52-104 lb.in	6-12 Nm/52-104 lb.in	6-12 Nm/52-104 lb.in		

Type		Part number
BADH		th. 12 mm 1SNA 116 900 R2700
CPUF70	V0 grey	1SNA 190 017 R1700
BJS32		1SNA 205 774 R1500
BJS32		1SNA 205 775 R1600
DRF8		1SNA 205 768 R2700

On cover : RC810
On the middle : RC810 or RPC

Power terminal blocks

DIN 3 with bistable foot and base mounting



Delivered with cover

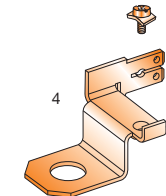
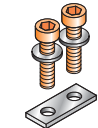
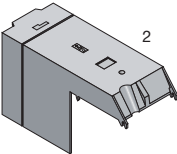
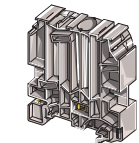
Rail		35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Other rails : see section on accessories.				

Notes

* NFC 20130
** DIN 46234

Base mounting with M6 screws.
See drilling next page.

Accessories



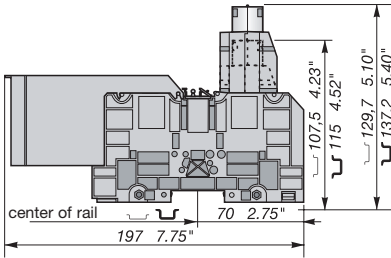
- 1 End stop
(other end stops : see accessories)
- 2 Rotating protective
cover IP 20
- 3 Jumper bar with CHC screws
2 poles
3 poles
- 4 TAP for Faston 6.35 x 0.8 mm
and screw

R See marking chapter
Marking method



D 120/42.AF

Spacing 42 mm (1.65")



1 stud M10 + wire clamp with CHC M10 screw

 US				
Color		Type	Part number	
Grey V0		D120/42.AF	1SNA 190 008	R0700

Delivered with covers

Characteristics

Wire size		NFC*	DIN**	UL	CSA
Lug	Rigid	6-150 mm²	6-120 mm²	300-10 AWG	300-10 AWG
C8*	Flexible	6-120 mm²	6-120 mm²	300-10 AWG	300-10 AWG
Wire-clamp	Rigid	6-150 mm²			
IEC B13	Flexible	6-120 mm²			
Rated voltage		IEC	IEC		
V ~		1000	1000	600	600
Impulse withstand		8 kV	8 kV		
Pollution degree		3	3		
Rated current		IEC			
Nominal		269 A		240 A	240 A

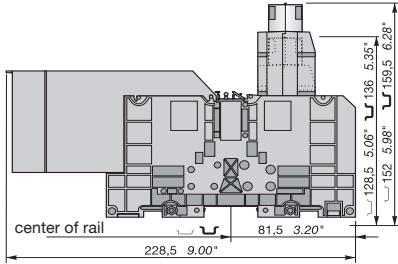
Rated wire size			
Nominal	120 mm²		
Lug	Central screw	Wire-clamp	Wire stripping length
Recommended wrench	H 17 mm	6 mm Allen key	8 mm Allen key
Recommended torque	10-20 Nm/87-174 lb.in	6-12 Nm/52-104 lb.in	10-20 Nm/87-174 lb.in

Type	Part number
BADH	th. 12 mm 1SNA 116 900 R2700
CPUF120	V0 grey 1SNA 190 018 R2000
BJS42	1SNA 205 776 R1700
BJS42	1SNA 205 777 R1000
DRF10	1SNA 205 769 R2000

On cover : RC810
On the middle : RC810 or RPC

D 185/55.AF

Spacing 55 mm (2.16")



1 stud M12 + wire clamp with CHC M12 screw

			
Color	Type	Part number	
Grey V0	 D185/55.AF	1SNA 190 009 R0000	

Delivered with covers

Characteristics

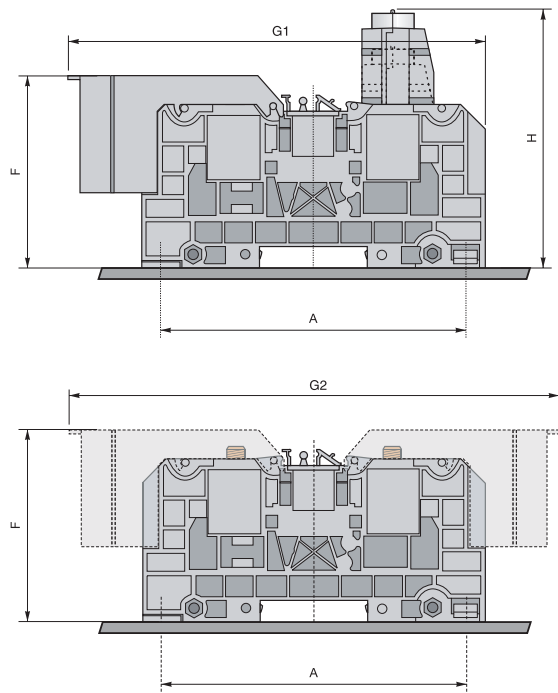
Wire size		NFC*	DIN**	UL	CSA
Lug	Rigid	25-240 mm²	6-185 mm²	500-4 AWG	500-4 AWG
C11*	Flexible	6-185 mm²	6-185 mm²	500-4 AWG	500-4 AWG
Wire-clamp	Rigid	25-240 mm²			
IEC B15	Flexible	25-185 mm²			
Rated voltage		IEC	IEC		
V ~		1000	1000	600	600
Impulse withstand		8 kV	8 kV		
Pollution degree		3	3		
Rated current		IEC			
Nominal		353 A		320 A	320 A

Rated wire size			
Nominal	185 mm²		
Lug	Central screw	Wire-clamp	Wire stripping length
Recommended wrench	H 19 mm	6 mm Allen key	10 mm Allen key
Recommended torque	14-30 Nm/121-261 lb.in	6-12 Nm/52-104 lb.in	14-20 Nm/121-174 lb.in

Type	Part number
BADH	th. 12 mm 1SNA 116 900 R2700
CPUF185	V0 grey 1SNA 190 019 R2100
BJS551	1SNA 205 778 R2100
BJS551	1SNA 205 779 R2200
DRF12	1SNA 205 770 R2500

On cover : RC810
On the middle : RC810 or RPC

Drilling for panel mounting
and dimensions with the covers



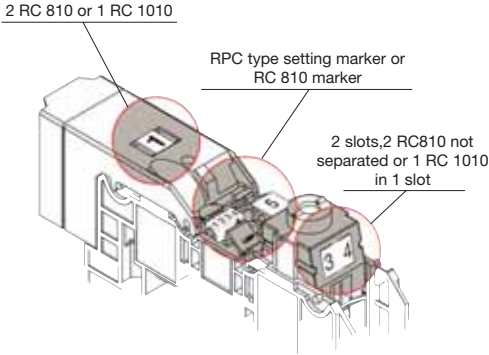
D 35/27.AF - D 70/32.AF - D 120/42.AF
D 35/27.FF - D 70/32.FF - D 120/42.FF

D 185/55.AF
D 185/55.FF - D 300/55.FF

Type	Mounting with :	A	B	C	D	F	G1	G2	H
D 35/27...	2 Screws	100,5	7,5	6,5	/	63,5	136,5	160	82,5
D 70/32...	2 Screws	120	7,5	6,5	/	72,5	165	190,5	105,7
D 120/42...	2 Screws	120	7,5	6,5	/	83,5	197	255,5	129,7
D 185/55...	4 Screws	135	13,5	6,5	8,5	103,5	228,5	295	151,5
D 300/55...	4 Screws	135	13,5	6,5	8,5	105	/	295	/

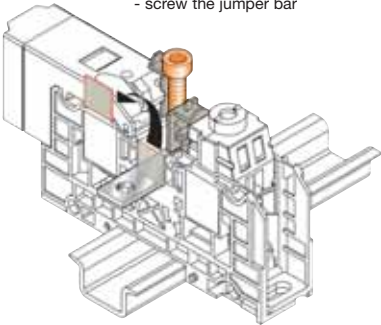
Dimensions in mm.

Marking



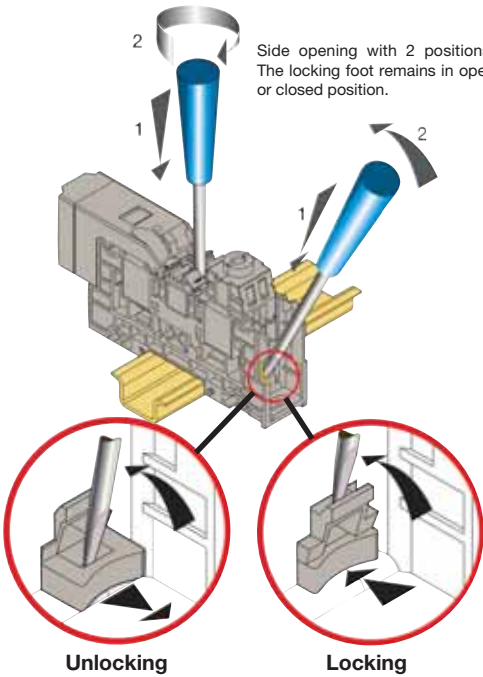
Jumper bar

- move the marker holders up
- cut out the partition
- screw the jumper bar

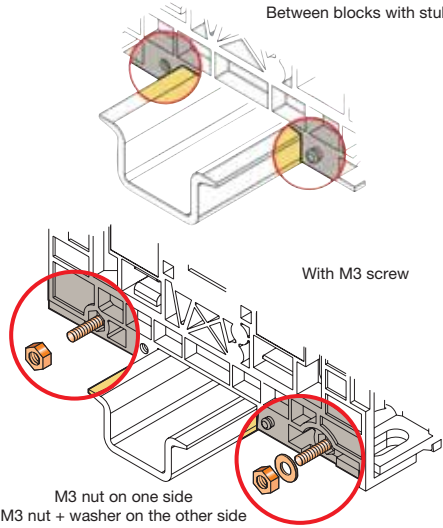


Locking foot operating
with screwdriver DIA. 4

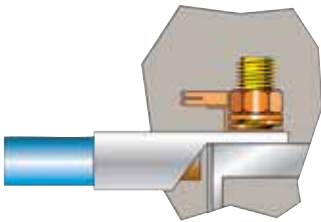
Center opening (to be made after
jumper bar has been removed)
"monostable action".
As soon as the screwdriver is
removed, the locking foot comes
back to closed position



Locking



Mounting of the derivative system



Power terminal blocks

Type I

DIN 1 - DIN 3



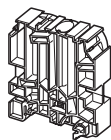
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Rail		35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2	1SNA 163 050 R0400

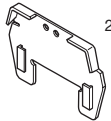
Other end stops, rails and accessories : see section on accessories.

Notes

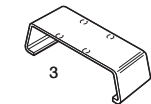
Accessories



1 End stop
(other end stop: see accessories)



2 Partition for cover



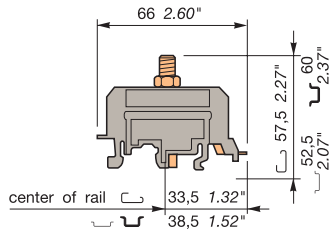
3 Protective cover
(marked cut)



R See section on markers
Marking method

M 35/26.F

Spacing 26 mm (1.02")



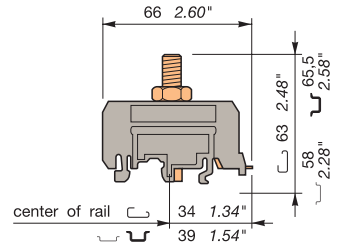
1stud M6



Color	Type	Part number
Grey	M 35/26.F	1SNA 115 141 R1000

M 70/31.F

Spacing 31 mm (1.22")



1 stud M8



Color	Type	Part number
Grey	M 70/31.F	1SNA 115 144 R1300

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-50 mm ²	4-35 mm ²	10-2 AWG	4 AWG max.
Bar	16 x 4 mm .63" x .16"			
Wire-clamp				
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
Rated	DIN	NFC		
	125 A	101 A	115 A	125 A

Wire size				
Rated / Gauge	35 mm ²	25 mm ²	2 AWG	4 AWG
Lug		Wire clamp	Wire stripping length	
Recommended wrench	H 10 mm			
Recommended torque	4,5 Nm 39 lb.in			

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-70 mm ²	6-70 mm ²	4-00 AWG	0 AWG max.
Bar	20 x 5 mm .78" x .20"			
Wire-clamp				
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
Rated	DIN	NFC		
	150 A	150 A	175 A	200 A

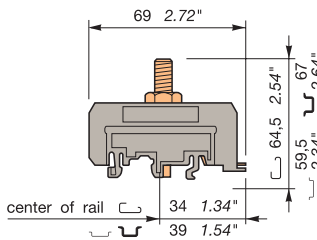
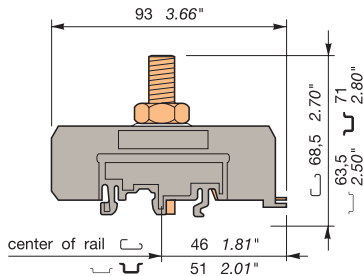
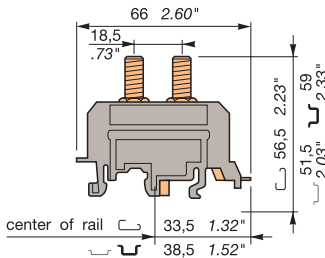
Wire size				
Rated/gauge	50 mm ²	50 mm ²	00 AWG	0 AWG
Lug		Wire clamp	Wire stripping length	
Recommended wrench	H 13 mm			
Recommended torque	6 Nm 52 lb.in			

Type	Part number
BAEH	th. 12 mm 1SNA 116 934 R0400
BADH	th. 12 mm 1SNA 116 900 R2700
BAMH	th. 9,1 mm 1SNA 114 836 R0000
ECP26	1SNA 113 689 R2400
CPP261	1 block 1SNA 168 202 R1300
CPP262	2 blocks 1SNA 168 201 R1200
CPP263	3 blocks 1SNA 163 403 R2000

Type	Part number
BAEH	th. 12 mm 1SNA 116 934 R0400
BADH	th. 12 mm 1SNA 116 900 R2700
BAMH	th. 9,1 mm 1SNA 114 836 R0000
ECP31	1SNA 113 690 R2100
CPP311	1 block 1SNA 168 204 R1500
CPP312	2 blocks 1SNA 168 203 R1400
CPP313	3 blocks 1SNA 163 409 R0600

PEP+RC610 for ECP RC610 for CPU cover

PEP+RC610 for ECP RC610 for CPU cover

M 120/35.F Spacing 35 mm (1.38")  1 stud M8 				M 300/42.F Spacing 42 mm (1.65")  1 stud M10 				M 35/26.FF Spacing 26 mm (1.02")  2 studs M6 linked by 1 removable bar 15 x 4 mm 																																																																																																																																																																																																																																																																																				
<table><tr><th>Color</th><th>Type</th><th>Part number</th></tr><tr><td>Grey </td><td>M 120/35.F</td><td>1SNA 115 147 R1600</td></tr></table>				Color	Type	Part number	Grey 	M 120/35.F	1SNA 115 147 R1600	<table><tr><th>Color</th><th>Type</th><th>Part number</th></tr><tr><td>Grey </td><td>M 300/42.F</td><td>1SNA 115 150 R2500</td></tr></table>				Color	Type	Part number	Grey 	M 300/42.F	1SNA 115 150 R2500	<table><tr><th>Color</th><th>Type</th><th>Part numbers</th></tr><tr><td>Grey </td><td>M 35/26.FF</td><td>1SNA 115 140 R2300</td></tr><tr><td>Beige V0 </td><td>M 35/26.FF.V0</td><td>1SNA 195 140 R2400</td></tr></table>				Color	Type	Part numbers	Grey 	M 35/26.FF	1SNA 115 140 R2300	Beige V0 	M 35/26.FF.V0	1SNA 195 140 R2400																																																																																																																																																																																																																																																												
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Beige V0 	M 35/26.FF.V0	1SNA 195 140 R2400																																																																																																																																																																																																																																																																																										
Characteristics Wire size <table><tr><th></th><th>DIN</th><th>NFC</th><th>UL</th><th>CSA</th></tr><tr><td>Lug</td><td>2,5-70 mm²</td><td>6-95 mm²</td><td>2-250 MCM</td><td>000 AWG max.</td></tr><tr><td>Bar</td><td colspan="2">25 x 5 mm</td><td colspan="2">1" x .20"</td></tr><tr><td>Wire-clamp</td><td></td><td></td><td></td><td></td></tr></table> Voltage <table><tr><th></th><th>IEC</th><th>IEC</th><th></th><th></th></tr><tr><td>V~ Without partition</td><td>1000</td><td>1000</td><td>600</td><td>600</td></tr><tr><td>V~ With partition</td><td>1000</td><td>1000</td><td>600</td><td>600</td></tr><tr><td>Impulse withstand</td><td>8 kV</td><td>8 kV</td><td></td><td></td></tr><tr><td>Pollution degree</td><td>3</td><td>3</td><td></td><td></td></tr></table> Current <table><tr><th></th><th>DIN</th><th>NFC</th><th></th><th></th></tr><tr><td>Rated</td><td>150 A</td><td>192 A</td><td>255 A</td><td>270 A</td></tr></table> Wire-size <table><tr><th>Rated</th><th>50 mm²</th><th>70 mm²</th><th>250 MCM</th><th>000 AWG</th></tr><tr><td>Lug</td><td>Central bolt</td><td>Wire-clamp</td><td colspan="2">Wire stripping length</td></tr><tr><td>H 13 mm</td><td></td><td></td><td colspan="2"></td></tr><tr><td>6 Nm 52 lb.in</td><td></td><td></td><td colspan="2"></td></tr></table> <table><tr><th>Type</th><th>Part numbers</th></tr><tr><td>BAEH </td><td>th. 12 mm 1SNA 116 934 R0400</td></tr><tr><td>BADH </td><td>th. 12 mm 1SNA 116 900 R2700</td></tr><tr><td>BAMH </td><td>th. 9,1 mm 1SNA 114 836 R0000</td></tr><tr><td>ECP35 </td><td>1SNA 113 691 R1600</td></tr><tr><td>CPP351</td><td>1 block 1SNA 168 206 R1700</td></tr><tr><td>CPP352</td><td>2 blocks 1SNA 168 205 R1600</td></tr><tr><td>CPP353</td><td>3 blocks 1SNA 163 418 R2600</td></tr></table>					DIN	NFC	UL	CSA	Lug	2,5-70 mm²	6-95 mm²	2-250 MCM	000 AWG max.	Bar	25 x 5 mm		1" x .20"		Wire-clamp						IEC	IEC			V~ Without partition	1000	1000	600	600	V~ With partition	1000	1000	600	600	Impulse withstand	8 kV	8 kV			Pollution degree	3	3				DIN	NFC			Rated	150 A	192 A	255 A	270 A	Rated	50 mm²	70 mm²	250 MCM	000 AWG	Lug	Central bolt	Wire-clamp	Wire stripping length		H 13 mm					6 Nm 52 lb.in					Type	Part numbers	BAEH 	th. 12 mm 1SNA 116 934 R0400	BADH 	th. 12 mm 1SNA 116 900 R2700	BAMH 	th. 9,1 mm 1SNA 114 836 R0000	ECP35 	1SNA 113 691 R1600	CPP351	1 block 1SNA 168 206 R1700	CPP352	2 blocks 1SNA 168 205 R1600	CPP353	3 blocks 1SNA 163 418 R2600	Characteristics Wire size <table><tr><th></th><th>DIN</th><th>NFC</th><th>UL</th><th>CSA</th></tr><tr><td>Lug</td><td>6-150 mm²</td><td>50-150 mm²</td><td>0-500 MCM</td><td>500 MCM</td></tr><tr><td>Bar</td><td colspan="2">32 x 8 mm</td><td colspan="2">1.26" x .32"</td></tr><tr><td>Wire-clamp</td><td></td><td></td><td></td><td></td></tr></table> Voltage <table><tr><th></th><th>IEC</th><th>IEC</th><th></th><th></th></tr><tr><td>V~ Without partition</td><td>1000</td><td>1000</td><td>600</td><td>600</td></tr><tr><td>V~ With partition</td><td>1000</td><td>1000</td><td>600</td><td>600</td></tr><tr><td>Impulse withstand</td><td>8 kV</td><td>8 kV</td><td></td><td></td></tr><tr><td>Pollution degree</td><td>3</td><td>3</td><td></td><td></td></tr></table> Current <table><tr><th></th><th>DIN</th><th>NFC</th><th></th><th></th></tr><tr><td>Rated</td><td>269 A</td><td>269 A</td><td>230 A</td><td>550 A</td></tr></table> Wire-size <table><tr><th>Rated</th><th>120 mm²</th><th>120 mm²</th><th>500 MCM</th><th>500 MCM</th></tr><tr><td>Lug</td><td>Central bolt</td><td>Wire-clamp</td><td colspan="2">Wire stripping length</td></tr><tr><td>H 16 mm</td><td></td><td></td><td colspan="2"></td></tr><tr><td>10 Nm 87 lb.in</td><td></td><td></td><td colspan="2"></td></tr></table> <table><tr><th>Type</th><th>Part numbers</th></tr><tr><td>BAEH </td><td>th. 12 mm 1SNA 116 934 R0400</td></tr><tr><td>BADH </td><td>th. 12 mm 1SNA 116 900 R2700</td></tr><tr><td>BAMH </td><td>th. 9,1 mm 1SNA 114 836 R0000</td></tr><tr><td>ECP42 </td><td>1SNA 113 692 R1700</td></tr><tr><td>CPP421</td><td>1 block 1SNA 168 208 R2100</td></tr><tr><td>CPP422</td><td>2 blocks 1SNA 168 207 R1000</td></tr><tr><td>CPP423</td><td>3 blocks 1SNA 163 424 R1400</td></tr></table>					DIN	NFC	UL	CSA	Lug	6-150 mm²	50-150 mm²	0-500 MCM	500 MCM	Bar	32 x 8 mm		1.26" x .32"		Wire-clamp						IEC	IEC			V~ Without partition	1000	1000	600	600	V~ With partition	1000	1000	600	600	Impulse withstand	8 kV	8 kV			Pollution degree	3	3				DIN	NFC			Rated	269 A	269 A	230 A	550 A	Rated	120 mm²	120 mm²	500 MCM	500 MCM	Lug	Central bolt	Wire-clamp	Wire stripping length		H 16 mm					10 Nm 87 lb.in					Type	Part numbers	BAEH 	th. 12 mm 1SNA 116 934 R0400	BADH 	th. 12 mm 1SNA 116 900 R2700	BAMH 	th. 9,1 mm 1SNA 114 836 R0000	ECP42 	1SNA 113 692 R1700	CPP421	1 block 1SNA 168 208 R2100	CPP422	2 blocks 1SNA 168 207 R1000	CPP423	3 blocks 1SNA 163 424 R1400	Characteristics Wire size <table><tr><th></th><th>DIN</th><th>NFC</th><th>UL</th><th>CSA</th></tr><tr><td>Lug</td><td>2,5-50 mm²</td><td>4-35 mm²</td><td>10-2 AWG</td><td>4 AWG max.</td></tr><tr><td>Bar</td><td colspan="2">16 x 4 mm</td><td colspan="2">.63" x .16"</td></tr><tr><td>Wire-clamp</td><td></td><td></td><td></td><td></td></tr></table> Voltage <table><tr><th></th><th>IEC</th><th>IEC</th><th></th><th></th></tr><tr><td>V~ Without partition</td><td>1000</td><td>1000</td><td>600</td><td>600</td></tr><tr><td>V~ With partition</td><td>1000</td><td>1000</td><td>600</td><td>600</td></tr><tr><td>Impulse withstand</td><td>8 kV</td><td>8 kV</td><td></td><td></td></tr><tr><td>Pollution degree</td><td>3</td><td>3</td><td></td><td></td></tr></table> Current <table><tr><th></th><th>DIN</th><th>NFC</th><th></th><th></th></tr><tr><td>Rated</td><td>125 A</td><td>101 A</td><td>115 A</td><td>125 A</td></tr></table> Wire-size <table><tr><th>Rated</th><th>35 mm²</th><th>25 mm²</th><th>2 AWG</th><th>4 AWG</th></tr><tr><td>Lug</td><td>Central bolt</td><td>Wire-clamp</td><td colspan="2">Wire stripping length</td></tr><tr><td>H 10 mm</td><td></td><td></td><td colspan="2"></td></tr><tr><td>4,5 Nm 39 lb.in</td><td></td><td></td><td colspan="2"></td></tr></table> <table><tr><th>Type</th><th>Part numbers</th></tr><tr><td>BAEH </td><td>th. 12 mm 1SNA 116 934 R0400</td></tr><tr><td>BADH </td><td>th. 12 mm 1SNA 116 900 R2700</td></tr><tr><td>BAMH </td><td>th. 9,1 mm 1SNA 114 836 R0000</td></tr><tr><td>ECP26 </td><td>1SNA 113 689 R2400</td></tr><tr><td>CPP261</td><td>1 block 1SNA 168 202 R1300</td></tr><tr><td>CPP262</td><td>2 blocks 1SNA 168 201 R1200</td></tr><tr><td>CPP263</td><td>3 blocks 1SNA 163 403 R2000</td></tr></table>					DIN	NFC	UL	CSA	Lug	2,5-50 mm²	4-35 mm²	10-2 AWG	4 AWG max.	Bar	16 x 4 mm		.63" x .16"		Wire-clamp						IEC	IEC			V~ Without partition	1000	1000	600	600	V~ With partition	1000	1000	600	600	Impulse withstand	8 kV	8 kV			Pollution degree	3	3				DIN	NFC			Rated	125 A	101 A	115 A	125 A	Rated	35 mm²	25 mm²	2 AWG	4 AWG	Lug	Central bolt	Wire-clamp	Wire stripping length		H 10 mm					4,5 Nm 39 lb.in					Type	Part numbers	BAEH 	th. 12 mm 1SNA 116 934 R0400	BADH 	th. 12 mm 1SNA 116 900 R2700	BAMH 	th. 9,1 mm 1SNA 114 836 R0000	ECP26 	1SNA 113 689 R2400	CPP261	1 block 1SNA 168 202 R1300	CPP262	2 blocks 1SNA 168 201 R1200	CPP263	3 blocks 1SNA 163 403 R2000
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Power terminal blocks

Type I

DIN 1 - DIN 3



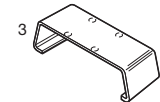
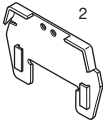
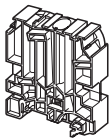
Rail		35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2	1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

Recommended wrench	H 13 mm
Recommended torque	6 Nm 52 lb.in

Accessories

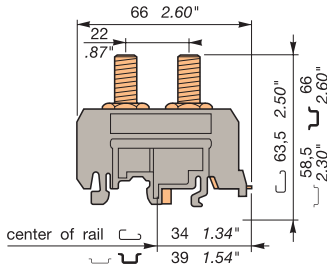


- 1 End stop
(other end stops : see accessories)
- 2 Partition for cover
- 3 Protective cover
(marked cut)

R See section on markers
Marking method

M 70/31.FF

Spacing 31 mm (1.22")



2 studs M8 linked by
1 removable bar 20 x 5 mm

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Color	Type	Part numbers
Grey	M 70/31.FF	1SNA 115 143 R1200

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-70 mm²	6-70 mm²	4-00 AWG	0 AWG max.
Bar	20 x 5 mm .78" x .20"			
Wire-clamp				
Voltage				
	IEC	IEC		
V~ Without partition	1000	800	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	178 A	150 A	175 A	200 A

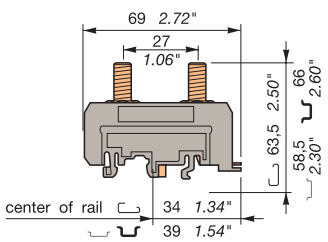
Wire size			
Rated / Gauge	50 mm²	50 mm²	2/0 AWG 0 AWG
Lug	Central bolt	Wire clamp	Wire stripping length
H 13 mm			
6 Nm 52 lb.in			

Type	Part numbers
BAEH	th. 12 mm 1SNA 116 934 R0400
BADH	th. 12 mm 1SNA 116 900 R2700
BAMH	th. 9,1 mm 1SNA 114 836 R0000
ECP31	1SNA 113 690 R2100
CPP311	1 block 1SNA 168 204 R1500
CPP312	2 blocks 1SNA 168 203 R1400
CPP313	3 blocks 1SNA 163 409 R0600

PEP+RC610 for ECP RC610 for CPU cover

M 120/35.FF

Spacing 35 mm (1.38")



2 studs M8 linked by
1 removable bar 25 x 5 mm

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Color	Type	Part numbers
Grey	M 120/35.FF	1SNA 115 146 R1500

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-70 mm²	6-95 mm²	2-250 MCM	000 AWG max.
Bar	25 x 5 mm 1" x .20"			
Wire-clamp				
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	220 A	192 A	255 A	270 A

Wire size			
Rated/gauge	70 mm²	70 mm²	250 MCM 000 AWG
Lug	Central bolt	Wire clamp	Wire stripping length
H 13 mm			
6 Nm 52 lb.in			

Type	Part numbers
BAEH	th. 12 mm 1SNA 116 934 R0400
BADH	th. 12 mm 1SNA 116 900 R2700
BAMH	th. 9,1 mm 1SNA 114 836 R0000
ECP35	1SNA 113 691 R1600
CPP351	1 block 1SNA 168 206 R1700
CPP352	2 blocks 1SNA 168 205 R1600
CPP353	3 blocks 1SNA 163 418 R2600

PEP+RC610 for ECP RC610 for CPU cover

M 300/42.FF

Spacing 42 mm (1.65")

2 studs M10 linked by
1 removable bar 31,5 x 5 mm

Color	Type	Part numbers		
Grey	M 300/42.FF	1SNA 115 149 R2000		

M 35/26.AF

Spacing 26 mm (1.02")

1 stud M6
1 wire-clamp with HM6 screw

Color	Type	Part number		
Grey	M 35/26.AF	1SNA 115 139 R1600		

M 70/31.AF

Spacing 31 mm (1.22")

1 stud M8
1 wire-clamp with HM8 screw

Color	Type	Part number		
Grey	M 70/31.AF	1SNA 115 142 R1100		

Characteristics				
Wire size				
	DIN	NFC	UL	CSA
Lug	6-150 mm²	50-150 mm²	1/0-500 MCM	500 MCM max.
Bar		32 x 8 mm	1.26" x .32"	
Wire-clamp				
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	12 kV	12 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	265 A	269 A	230 A	550 A
Wire-size				
Rated	95 mm²	120 mm²	500 MCM	500 MCM

Wire-size			
Rated	95 mm²	120 mm²	500 MCM
Lug	Central bolt	Wire-clamp	Wire stripping length
H 16 mm			
10 Nm 87 lb.in			
Type	Part numbers		
BAEH	th. 12 mm	1SNA 116 934 R0400	
BADH	th. 12 mm	1SNA 116 900 R2700	
BAMH	th. 9,1 mm	1SNA 114 836 R0000	
ECP42		1SNA 113 692 R1700	
CPP421	1 block	1SNA 168 208 R2100	
CPP422	2 blocks	1SNA 168 207 R1000	
CPP423	3 blocks	1SNA 163 424 R1400	

Characteristics				
Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-50 mm²	4-35 mm²	10-2 AWG	4 AWG max.
Bar		16 x 4 mm	.63" x .16"	
Wire-clamp	6-50 mm²	6-50 mm²	14-2 AWG	10-4 AWG
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	115 A	101 A	115 A	125 A
Wire-size				
Rated	25 mm²	25 mm²	2 AWG	4 AWG

Wire-size			
Rated	25 mm²	25 mm²	2 AWG
Lug	Central bolt	Wire-clamp	Wire stripping length
H 10 mm		H 10 mm	19 mm .75"
4,5 Nm 39 lb.in		4,5 Nm 39 lb.in	
Type	Part numbers		
BAEH	th. 12 mm	1SNA 116 934 R0400	
BADH	th. 12 mm	1SNA 116 900 R2700	
BAMH	th. 9,1 mm	1SNA 114 836 R0000	
ECP26		1SNA 113 689 R2400	
CPP261	1 block	1SNA 168 202 R1300	
CPP262	2 blocks	1SNA 168 201 R1200	
CPP263	3 blocks	1SNA 163 403 R2000	

Characteristics				
Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-70 mm²	6-70 mm²	8-0 AWG	6-0 AWG
Bar		20 x 5 mm	.78" x .20"	
Wire-clamp	6-70 mm²	6-70 mm²	8-0 AWG	6-0 AWG
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	178 A	150 A	150 A	200 A
Wire-size				
Rated	50 mm²	50 mm²	1/0 AWG	0 AWG

Wire-size			
Rated	50 mm²	50 mm²	1/0 AWG
Lug	Central bolt	Wire-clamp	Wire stripping length
H 13 mm		H 13 mm	22 mm .87"
6 Nm 52 lb.in		6 Nm 52 lb.in	
Type	Part numbers		
BAEH	th. 12 mm	1SNA 116 934 R0400	
BADH	th. 12 mm	1SNA 116 900 R2700	
BAMH	th. 9,1 mm	1SNA 114 836 R0000	
ECP31		1SNA 113 690 R2100	
CPP311	1 block	1SNA 168 204 R1500	
CPP312	2 blocks	1SNA 168 203 R1400	
CPP313	3 blocks	1SNA 163 409 R0600	

Power terminal blocks

Type I

DIN 1 - DIN 3

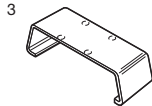
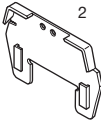
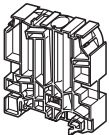


Rail		35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2	1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

Accessories



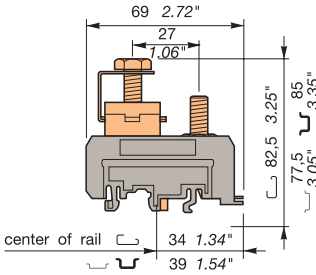
- 1 End stop
(other end stops : see accessories)
- 2 Partition for cover
- 3 Protective cover
(marked cut)



R See section on markers
Marking method

M 120/35.AF

Spacing 35 mm (1.38")



1 stud M8
1 wire-clamp with HM8 screw

			
Color	Type	Part number	
Grey 	M 120/35.AF	1SNA 115 145 R1400	

Characteristics

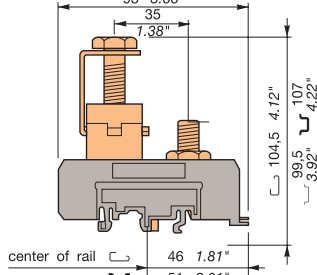
Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-70 mm ²	6-95 mm ²	2-250 MCM	000 AWG
Bar	25 x 5 mm .1" x .20"			
Wire-clamp	35-120 mm ²	35-120 mm ²	2-250 MCM	2-000 AWG
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
Rated	DIN	NFC		
	150 A	192 A	255 A	270 A
Wire size				
Rated / Gauge	50 mm ²	70 mm ²	250 MCM	000 AWG
Lug	Central bolt	Wire clamp	Wire stripping length	
Recommended wrench	H 13 mm	H 13 mm	28 mm 1.10"	
Recommended torque	6 Nm 52 lb.in	6 Nm 52 lb.in		

Type	Part numbers		
BAEH 	th. 12 mm	1SNA 116 934 R0400	
BADH 	th. 12 mm	1SNA 116 900 R2700	
BAMH 	th. 9,1 mm	1SNA 114 836 R0000	
ECP35		1SNA 113 691 R1600	
CPP351	1 block	1SNA 168 206 R1700	
CPP352	2 blocks	1SNA 168 205 R1600	
CPP353	3 blocks	1SNA 163 418 R2600	

PEP+RC610 for ECP and wire-clamp RC610for CPU cover

M 300/42.AF

Spacing 42 mm (1.65")



1 stud M10
1 wire-clamp with HM10 screw

			
Color	Type	Part number	
Grey 	M 300/42.AF	1SNA 115 148 R2700	

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug	6-150 mm ²	50-150 mm ²	0-500 MCM	500 MCM
Bar	32 x 8 mm 1.26" x .32"			
Wire-clamp	70-300 mm ²	70-300 mm ²	0-500 MCM	0-500 MCM
Voltage				
	IEC	IEC		
V~ Without partition	1000	1000	600	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current				
Rated	DIN	NFC		
	269 A	269 A	380 A	550 A
Wire size				
Rated/gauge	120 mm ²	120 mm ²	500 MCM	500 MCM
Lug	Central bolt	Wire clamp	Wire stripping length	
Recommended wrench	H 16 mm	H 16 mm	40 mm 1.58"	
Recommended torque	10 Nm 87 lb.in	10 Nm 87 lb.in		

Type	Part numbers		
BAEH 	th. 12 mm	1SNA 116 934 R0400	
BADH 	th. 12 mm	1SNA 116 900 R2700	
BAMH 	th. 9,1 mm	1SNA 114 836 R0000	
ECP42		1SNA 113 692 R1700	
CPP421	1 block	1SNA 168 208 R2100	
CPP422	2 blocks	1SNA 168 207 R1000	
CPP423	3 blocks	1SNA 163 424 R1400	

PEP+RC610 for ECP and wire-clamp RC610for CPU cover

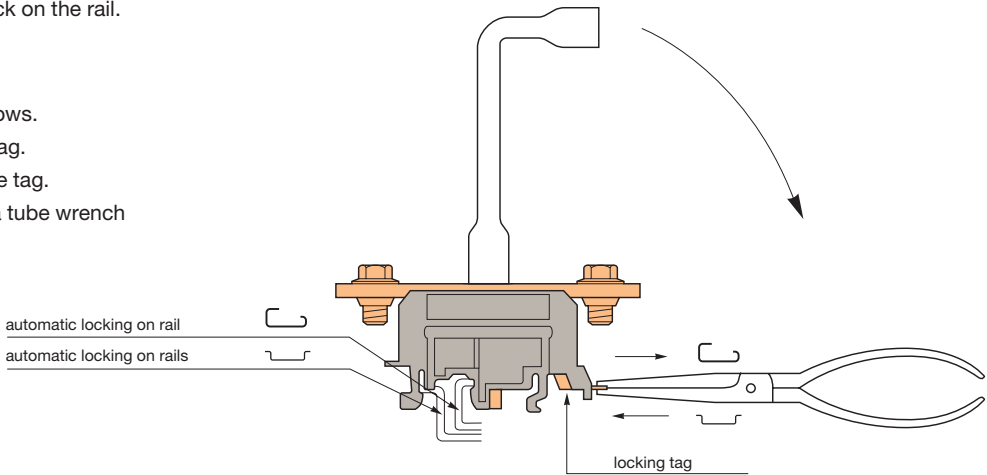
ABB's "positive retention" lock foot

Mounting

The locking action is automatic on mounting the block on the rail.

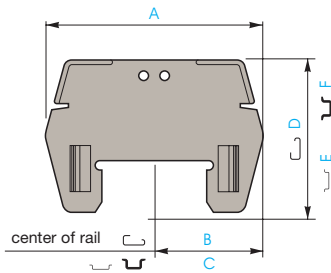
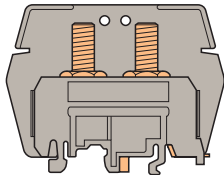
Unlocking

- Pull or push on the locking tag, using pliers as follows.
blocks mounted on DIN 1 rail: pull on the release tag.
blocks mounted on DIN 3 rails: push on the release tag.
- Remove the block from the rail by rotation, using a tube wrench while maintaining the action of the pliers.



Space requirements of blocks with their partition or protective cover

Partitions for TYPE I blocks



Type	Part number	Spac.	A	B	C	D	E	F
ECP26	1SNA 113 689 R2400	26	76	35,5	40,5	67,5	62,5	70
ECP31	1SNA 113 689 R2100	31	84	39,5	44,5	72,5	67,5	75
ECP35	1SNA 113 691 R1600	35	90	42,5	47,5	82,5	77,5	85
ECP42	1SNA 113 692 R1700	42	116	55,5	60,5	104,5	99,5	107

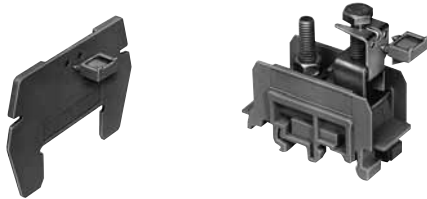
Marker-holder for power blocks

PEP 1SNA 113 762 R2400

This marker-holder can receive :
1 label RC610

This marker-holder snaps on the **ECP** and **ECS** power blocks' partitions, as well as on the type I power blocks' compression clamps.

They can also be mounted on the **SCF** separator end sections.



Adhesive marker

High performance adhesive marker for most surface types. See section on markers.

RPA 1SNA 235 463 R2300



Terminal blocks

E - Pluggable terminal blocks Plugs Various connectors

Summary

1. Screw clamp / pluggable

Feed-through, 1 screw clamp / 2 pluggable	312
Feed-through, double deck, 2 screw clamp / 2 pluggable	313
Heavy duty switch with blade, 1 screw clamp / 1 pluggable	316
Fuse holder for automotive mini fuse, 1 screw clamp / 1 pluggable	317

2. Insulation displacement ADO System® / pluggable

Feed-through, 1 ADO / 1 pluggable	320 - 321 - 322
Feed-through, 2 ADO / 1 pluggable	320 - 321 - 322

3. Screw clamp female plugs - Adapter for pluggable connection

Screw clamp female plugs	323
--------------------------------	-----

4. Female and male plugs - Insulation displacement ADO System®

Female plugs	324
Male plugs	330

5. Terminal block assembly modular connectors

338

6. Other connectors

344

Pluggable terminal blocks
Screw clamp

Feed-through
1 screw clamp - 2 pluggable

DIN 1-3

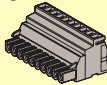


Mating female plugs

Screw clamp plugs CPFT2...



ADO plugs L 265 200 11



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.22		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.22		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

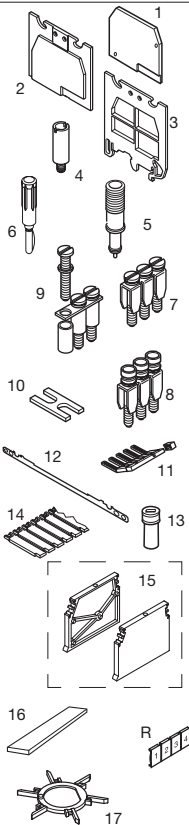
Notes

Max. working temperature : 100°C
Contact resistance : < 5 m Ω

We strongly recommend the use of coding accessories with this block : plugs are mounted in opposite position.



Accessories

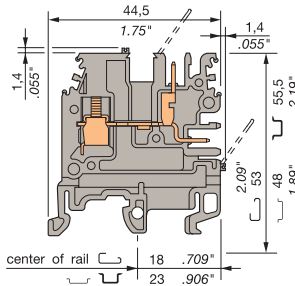


1	End section	grey
		blue
2	Separator end section (block)	
3	Separator end section (rail)	
4	Test socket	
5	Test device	
6	Test plug	
7	Preassembled jumper bar	24 A
	(without IP20 protection)	24 A
		24 A
		24 A
		24 A
8	Preassembled jumper bar	24 A
	(with IP20 protection)	24 A
		24 A
		24 A
		24 A
9	Not preassembled jumper bar	24 A
	Post + screw + washer	
10	Connector plate	35 A
11	Comb type jumper bar	30 A
		30 A
12	Shield connector	
13	Blocking peg	
14	Detachable protection strips	
15	End section-flange kit (R + L)	
16	Busbar for LED common	
17	6 coding peg kit	

R See section on marking
Marking method

MA 2,5/5 - CPE

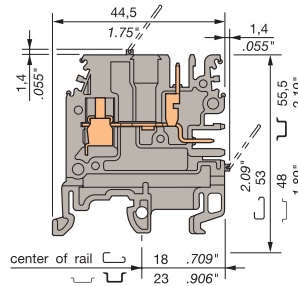
Spacing 5,08 mm (.200")



Standard MA 2,5/5 - CPE

MA 2,5/5 - CPE.1

Spacing 5,08 mm (.200")



MA 2,5/5 - CPE with partition



Colour	Type	Part number
Grey	MA 2,5/5 - CPE	1SNA 115 957 R1200

Colour	Type	Part number
Grey	MA 2,5/5 - CPE.1	1SNA 115 958 R2300

Characteristics

Wire size		IEC	UL	CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG	24-12 AWG

Voltage			
Rated	320 V	300 V	300 V
Impulse withstand	4 kV		
Pollution degree	3		
Current			
Rated	24/12+12 A	20/10+10 A	20/10+10 A

Wire size		2,5 mm²	12 AWG	12 AWG
Rated / Gauge				
Wire stripping length	Recommended screwdriver	Recommended torque	protection	
8,5 mm	3,5 mm	0,4 - 0,6 Nm	IP 20 (3)	
.33"	.137"	3.5-5.3 lb.in	NEMA 1 (3)	

Characteristics

Wire size		IEC	UL	CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG	24-12 AWG

Voltage			
Rated	320 V	300 V	300 V
Impulse withstand	4 kV		
Pollution degree	3		
Current			
Rated	24/12+12 A	20/10+10 A	20/10+10 A

Wire size		2,5 mm²	12 AWG	12 AWG
Rated / Gauge				
Wire stripping length	Recommended screwdriver	Recommended torque	protection	
8,5 mm	3,5 mm	0,4 - 0,6 Nm	IP 20 (3)	
.33"	.137"	3.5-5.3 lb.in	NEMA 1 (3)	

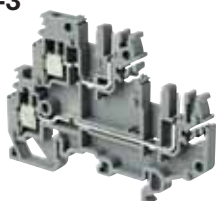
Type	Part number		
FEM6	th. 2,8 mm	1SNA 118 368 R1600	
FEM6	th. 2,8 mm	1SNA 128 368 R1000	
SCF6	th. 3,0 mm	1SNA 118 707 R0300	
SCFM6	th. 3,0 mm	1SNA 114 825 R0500	
SCFEX	th. 2,4 mm	1SNA 103 619 R0400	
SCFEX	th. 2,4 mm	1SNA 103 620 R0100	
AL2	(1) dia. 2 mm	1SNA 163 046 R2400	
DCB	blue	1SNA 105 028 R2100	
FC2	dia. 2 mm	1SNA 007 865 R2600	
BJM5	(1) 2 poles	1SNA 176 273 R0100	
BJM5	(1) 3 poles	1SNA 176 274 R0200	
BJM5	(1) 4 poles	1SNA 176 275 R0300	
BJM5	(1) 5 poles	1SNA 176 276 R0400	
BJM5	(1) 10 poles	1SNA 176 277 R0500	
BJMI5	(1) 2 poles	1SNA 176 278 R1600	
BJMI5	(1) 3 poles	1SNA 176 279 R1700	
BJMI5	(1) 4 poles	1SNA 176 280 R0500	
BJMI5	(1) 5 poles	1SNA 176 281 R2200	
BJMI5	(1) 10 poles	1SNA 176 282 R2300	
BJS 5,08	(1) 24 poles	1SNA 177 872 R2300	
EV5		1SNA 168 629 R1600	
EL6		1SNA 173 627 R2100	
PC5	2 poles	1SNA 113 542 R1000	
PC5	10 poles	1SNA 113 544 R1200	
CBM5	th. 0,5 mm	1SNA 178 745 R1400	
CBM8	th. 0,8 mm	1SNA 178 746 R1500	
COCF 32		1SNA 173 660 R1600	
CPF	10 poles	1SNA 199 323 R2300	
FE-BCP	th. 5,08 mm	1SNA 206 391 R0700	
BO05	length 500 mm	1SNA 177 849 R0400	
COC1		1SNA 299 777 R1600	

RC55 - RC510 - RCT610

- (1) A circuit separator **SC** may be required with the use of these accessories.
(2) Use of these accessories requires the user to cut the partition.
(3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 14), delivered with the pluggable terminal block.

Type	Part number		
FEM6	th. 2,8 mm	1SNA 118 368 R1600	
FEM6	th. 2,8 mm	1SNA 128 368 R1000	
SCF6	th. 3,0 mm	1SNA 118 707 R0300	
SCFM6	th. 3,0 mm	1SNA 114 825 R0500	
SCFEX	th. 2,4 mm	1SNA 103 619 R0400	
SCFEX	th. 2,4 mm	1SNA 103 620 R0100	
AL2	(2) dia. 2 mm	1SNA 163 046 R2400	
DCB	blue	1SNA 105 028 R2100	
FC2	dia. 2 mm	1SNA 007 865 R2600	
BJM5	(2) 2 poles	1SNA 176 273 R0100	
BJM5	(2) 3 poles	1SNA 176 274 R0200	
BJM5	(2) 4 poles	1SNA 176 275 R0300	
BJM5	(2) 5 poles	1SNA 176 276 R0400	
BJM5	(2) 10 poles	1SNA 176 277 R0500	
BJMI5	(2) 2 poles	1SNA 176 278 R1600	
BJMI5	(2) 3 poles	1SNA 176 279 R1700	
BJMI5	(2) 4 poles	1SNA 176 280 R0500	
BJMI5	(2) 5 poles	1SNA 176 281 R2200	
BJMI5	(2) 10 poles	1SNA 176 282 R2300	
BJS 5,08	(2) 24 poles	1SNA 177 872 R2300	
EV5		1SNA 168 629 R1600	
EL6		1SNA 173 627 R2100	
PC5	2 poles	1SNA 113 542 R1000	
PC5	10 poles	1SNA 113 544 R1200	
CBM5	th. 0,5 mm	1SNA 178 745 R1400	
CBM8	th. 0,8 mm	1SNA 178 746 R1500	
COCF 32		1SNA 173 660 R1600	
CPF 5,08	10 poles	1SNA 199 323 R2300	
FE-BCP	th. 5,08 mm	1SNA 206 391 R0700	
BO05	length 500 mm	1SNA 177 849 R0400	
COC1		1SNA 299 777 R1600	

RC55 - RC510 - RCT610



Screw clamp plugs CPFT2...



ADO plugs L 265 200 11



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 9,1 mm	BAM	V2	1SNA 103 002 R2600
End stop		th. 9,1 mm	BRM V0	V0	1SNA 199 306 R0300
Rail		35 x 7,5 x 1	PR3.22		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.72		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories

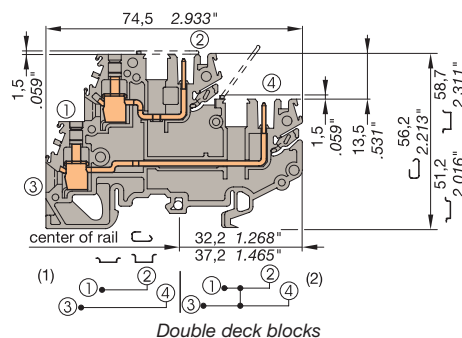
Max. working temperature	: 100°C
Contact resistance	: $\leq 5 \text{ m}\Omega$

12

- | | | |
|----|--|------|
| 1 | End section | grey |
| 2 | Test socket | |
| 3 | Test device | |
| 4 | Test plug | |
| 5 | Preassembled jumper bar
(without IP20 protection) | |
| 6 | Preassembled jumper bar
(with IP20 protection) | |
| 7 | Not preassembled jumper bar
Post + screw + washer | |
| 8 | Connector plate | |
| 9 | Comb type jumper bar | |
| 10 | Blocking peg | |
| 11 | Detachable protection strips | |
| 12 | End section-flange kit (R + L) | |
| 13 | Busbar for LED common | |
| 14 | 6 coding peg kit | |

R	See section on marking	Marking method
----------	------------------------	----------------

Spacing 5,08 mm (.200")



Colour	Type	Part number
(1) 2 independent levels		
Grey	MA2,5/5D2 - 2CPE	1SNA 115 961 R1600
Blue	MA2,5/5D2 - 2CPE	1SNA 125 961 R1000
(2) 2 connected levels		
Grey	MA2,5/5D - 2CPE	1SNA 115 962 R1700

Wire size

		IEC	UL/CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG

Voltage

Rated	320 V	300 V
Impulse withstand	4 kV	
Pollution degree	3	

Current

Rated	12/12 A	10/10 A
-------	---------	---------

Wire size

Rated / Gauge	2,5 mm²		12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection
10 mm	3,5 mm	0,4 - 0,6 Nm	IP 20 (3)
.394"	.137"	3.5-5.3 lb.in	NEMA 1

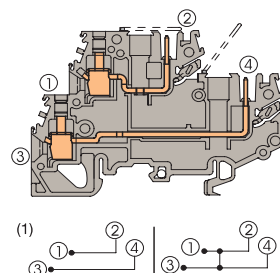
Type

FEDCP	th.	2,54 mm	1SNA 215 071 R2100
AL2 (4)	dia.	2 mm	1SNA 163 046 R2400
DCB		blue	1SNA 105 028 R2100
FC2	dia.	2 mm	1SNA 007 865 R2600
BJM5 (4)	2	poles	1SNA 176 273 R0100
BJM5 (4)	3	poles	1SNA 176 274 R0200
BJM5 (4)	4	poles	1SNA 176 275 R0300
BJM5 (4)	5	poles	1SNA 176 276 R0400
BJM5 (4)	10	poles	1SNA 176 277 R0500
BJMI5 (4)	2	poles	1SNA 176 278 R1600
BJMI5 (4)	3	poles	1SNA 176 279 R1700
BJMI5 (4)	4	poles	1SNA 176 280 R0500
BJMI5 (4)	5	poles	1SNA 176 281 R2200
BJMI5 (4)	10	poles	1SNA 176 282 R2300
BJS 5,08 (4)	24	poles	1SNA 177 872 R2300
EV5			1SNA 168 629 R1600
EL6			1SNA 173 627 R2100
PC5	2	poles	1SNA 113 542 R1000
PC5	10	poles	1SNA 113 544 R1200
COCF 32			1SNA 173 660 R1600
CPF 5,08	10	poles	1SNA 199 323 R2300
FEDBCP	th.	5,08 mm	1SNA 206 392 R0000
BO05	length	500 mm	1SNA 177 849 R0400
COC1			1SNA 299 777 R1600

RC55 - RC510 - RCT610

- (4) IP20 (*NEMA* 1) with the use of CPF 5,08 (protection strips item 11), delivered with the pluggable terminal block.
- (4) **FEDCP** mandatory with these accessories in order to isolate each circuit with voltages greater than 250 V.
- (5) Use of these accessories requires the user to cut the partition.

Spacing 5.08 mm (.200")



Blocks with partition

Colour	Type	Part number
(1) 2 independent levels		
Grey	MA2,5/5D2 - 2CPE.1	1SNA 115 963 R1000
Blue	MA2,5/5D2 - 2CPE.1	1SNA 125 789 R2400
(2) 2 connected levels		
Grey	MA2,5/5D - 2CPE.1	1SNA 115 791 R1400

Wire size

		IEC	UL/CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG

Voltage

Rated	320 V	300 V
Impulse withstand	4 kV	
Pollution degree	3	

Current

Rated	12/12 A	10/10 A
-------	---------	---------

Wire size

Rated / Gauge	2,5 mm ²		12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection
10 mm .394"	3,5 mm .137"	0,4-0,6 Nm 3.5-5.3 lb.in	IP 20 (3) NEMA 1

Type

FEDCP	th.	2,54 mm	1SNA 215 071 R2100
AL2 (5)	dia.	2 mm	1SNA 163 046 R2400
DCB		blue	1SNA 105 028 R2100
FC2	dia.	2 mm	1SNA 007 865 R2600
BJM5 (5)	2	poles	1SNA 176 273 R0100
BJM5 (5)	3	poles	1SNA 176 274 R0200
BJM5 (5)	4	poles	1SNA 176 275 R0300
BJM5 (5)	5	poles	1SNA 176 276 R0400
BJM5 (5)	10	poles	1SNA 176 277 R0500
BJMI5 (5)	2	poles	1SNA 176 278 R1600
BJMI5 (5)	3	poles	1SNA 176 279 R1700
BJMI5 (5)	4	poles	1SNA 176 280 R0500
BJMI5 (5)	5	poles	1SNA 176 281 R2200
BJMI5 (5)	10	poles	1SNA 176 282 R2300
BJS 5,08 (5)	24	poles	1SNA 177 872 R2300
EV5			1SNA 168 629 R1600
EL6			1SNA 173 627 R2100
PC5	2	poles	1SNA 113 542 R1000
PC5	10	poles	1SNA 113 544 R1200
COCF 32			1SNA 173 660 R1600
CPF 5,08	10	poles	1SNA 199 323 R2300
FEDBCP	th.	5,08 mm	1SNA 206 392 R0000
BO05	length	500 mm	1SNA 177 849 R0400
COC1			1SNA 299 777 R1600

RC55 - RC510 - RCT610

Pluggable terminal blocks
Screw clamp

Feed-through
1 screw clamp - 2 pluggable

DIN 1-3

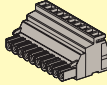


Mating female plugs

Screw clamp plugs CPFT2...



ADO plugs L 265 200 11



End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail	35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail	32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Observations

Max. working temperature : 100°C
Contact resistance : < 5 m Ω

Accessories

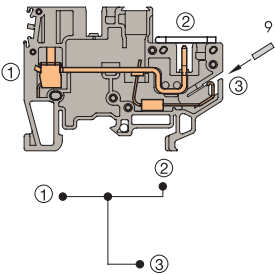
1	End section	grey
2	Test socket	
3	Test device	
4	Test plug	
5	Preamsembled jumper bar (without IP20 protection)	24 A
6	Preamsembled jumper bar (with IP20 protection)	24 A
7	Not preassembled jumper bar	24 A
8	Post + screw + washer	
9	Connector plate	35 A
10	Comb type jumper bar	30 A
11	Blocking peg	
12	Detachable protectionstrips	
13	End section-flange kit (R + L)	
14	Busbar for LED common	
15	6 coding peg kit	
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Pluggable terminal blocks
Screw clamp
Feed-through
1 screw clamp - 2 pluggable

DIN 1-3

MA 2,5/5 - 2CPE.1 - AB - Pb

Spacing 5,08 mm (.200")

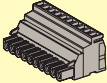


Mating female plugs

Screw clamp plugs CPFT2...



ADO plugs L 265 200 11



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Observations

Max. working temperature : 100°C
Contact resistance : < 5 m Ω

Colour	Type	Part number	Colour	Type	Part number
Grey	☐ MA 2,5/5-2CPE.1-AB-Pb	1SNA 115 787 R1000			

Characteristics

Wire size		IEC	UL/CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12AWG

Voltage		
Rated	320 V (1)	300 V
Impulse withstand	4 kV	
Pollution degree	3	

Current		
Rated	12 A	10 A

Wire size		
Rated / Gauge	2,5 mm²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque
10 mm	3,5 mm	0,4 - 0,6 Nm
.394"	.137"	3.5-5.3 lb.in

Characteristics

Accessories

1	End section	grey
2	Test device	
3	Test plug	
4	Comb type jumper bar	30 A
5	Detachable protection strips	30 A
6	End section-flange kit (R + L)	
7	Blocking peg	
8	Busbar for LED common	
9	6 coding peg kit	
R	See section on marking	Marking method

Type	Part number	Type	Part number
FE2CPE	th. 2,8 mm 1SNA 215 038 R2000		
DCB	blue 1SNA 105 028 R2100		
FC2	dia. 2 mm 1SNA 007 865 R2600		
PC5	2 poles 1SNA 113 542 R1000		
PC5	10 poles 1SNA 113 544 R1200		
CPF 5,08	10 poles 1SNA 199 323 R2300		
FE1BCP	1SNA 215 036 R1600		
COCF 32	1SNA 173 660 R1600		
BO05	length 500 mm 1SNA 177 849 R0400		
COC1	1SNA 299 777 R1600		
RC55 - RC510 - RCT610			

- (1) Terminal block insulating voltage. Working voltage according to LED.
- (2) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 9), delivered with the pluggable terminal block.

Pluggable terminal blocks

Screw clamp

Heavy duty switch

with blade

1 screw clamp - 1 pluggable

DIN 1-3

Mating female plugs

Screw clamp plugs CPFT...

ADO plugs L 265 200 11

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

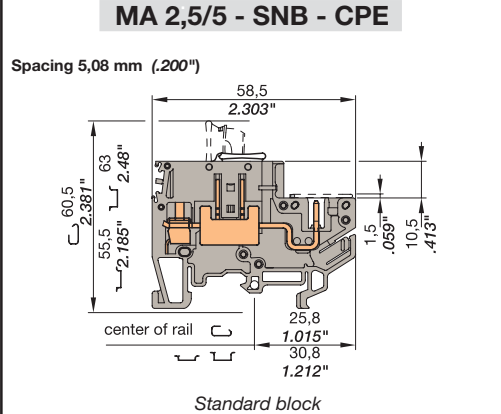
Observations

Max. working temperature : 100°C

Contact resistance : < 5 m Ω

Accessories

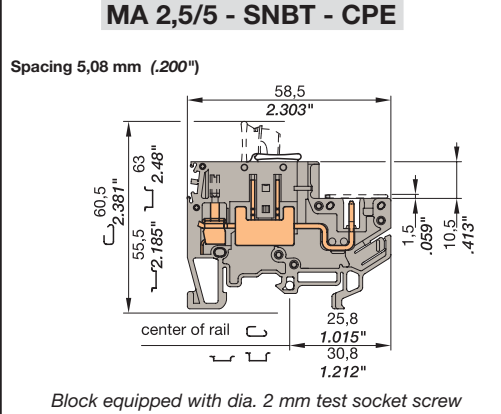
1	End section	grey
2	Test device	
3	Test plug	
4	Comb type jumper bar	30 A
5	Detachable protection strips	30 A
6	End section-flange kit (R + L)	
7	Blocking peg	
8	6 coding peg kit	
R	See section on marking	Marking method



Colour	Type	Part number
Grey	MA 2,5/5-SNB-CPE	1SNA 115 966 R1300
with orange blade		

Characteristics			
Wire size			
		IEC	UL/CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG
Voltage			
Rated		320 V	300 V
Impulse withstand		4 kV	
Pollution degree		3	
Current			
Rated		10 A	10 A
Wire size			
Rated / Gauge		2,5 mm²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection
10 mm .394"	3,5 mm	0,4 - 0,6 Nm 3.5-5.3 lb.in	IP 20 (1) NEMA 1 (1)

Type	Part number
FE2CPE	th. 2,8 mm 1SNA 215 038 R2000
DCB	blue 1SNA 105 028 R2100
FC2	dia. 2 mm 1SNA 007 865 R2600
PC5	2 poles 1SNA 113 542 R1000
PC5	10 poles 1SNA 113 544 R1200
CPF 5,08	10 poles 1SNA 199 323 R2300
FE1BCP	th. 5,08 mm 1SNA 206 389 R1500
COCF 32	1SNA 173 660 R1600
COC1	1SNA 299 777 R1600
RC55 - RC510	
(1) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 5), delivered with the pluggable terminal block.	



Colour	Type	Part number
Grey	MA 2,5/5-SNBT-CPE	1SNA 115 967 R1400
with orange blade		

Characteristics			
Wire size			
		IEC	UL/CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG
Voltage			
Rated		320 V	300 V
Impulse withstand		4 kV	
Pollution degree		3	
Current			
Rated		10 A	10 A
Wire size			
Rated / Gauge		2,5 mm²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection
10 mm .394"	3,5 mm	0,4-0,6 Nm 3.5-5.3 lb.in	IP 20 (1) NEMA 1 (1)

Type	Part number
FE2CPE	th. 2,8 mm 1SNA 215 038 R2000
DCB	blue 1SNA 105 028 R2100
FC2	dia. 2 mm 1SNA 007 865 R2600
PC5	2 poles 1SNA 113 542 R1000
PC5	10 poles 1SNA 113 544 R1200
CPF 5,08	10 poles 1SNA 199 323 R2300
FE1BCP	th. 5,08 mm 1SNA 206 389 R1500
COCF 32	1SNA 173 660 R1600
COC1	1SNA 299 777 R1600
RC55 - RC510	

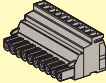
Pluggable terminal blocks
Screw clamp
Fuse holder for automotive mini fuse
1 screw clamp - 1 pluggable
DIN 1-3

Mating female plugs

Screw clamp plugs CPFT2...



ADO plugs L 265 200 11



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

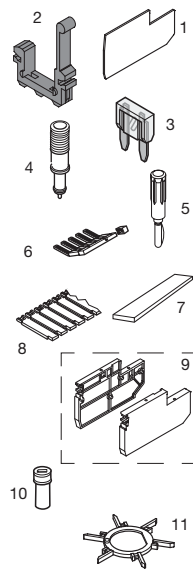
Other end stops, rails and accessories : see section on accessories.

Observations

Blocks delivered with fuse holder plug

Max. working temperature : 100°C
Contact resistance : < 5 m Ω

Accessories

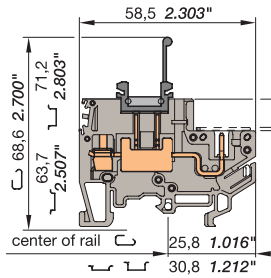


1 End section grey
2 Fuse-holder plug black
3 Mini Fuse - 32 V maxi
4 Test device
5 Test plug
6 Comb type jumper bar 30 A
7 Busbar for LED common 30 A
8 Detachable protection strips
9 End section-flange kit (R + L)
10 Blocking peg
11 6 coding peg kit

R See section on marking Marking method

MA 2,5/5 - SFA - CPE

Spacing 5,08 mm (.200")



CE cULUS

Colour	Type	Part number
Grey	 MA 2,5/5-SFA-CPE	1SNA 115 770 R0200

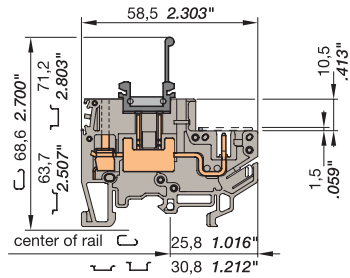
Characteristics

Wire size		IEC	UL/CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG

Voltage			
Rated		320 V (1)	300 V
Impulse withstand		4 kV	
Pollution degree		3	
Current			
Rated		3 A (2)	3 A
Wire size			
Rated / Gauge		2,5 mm²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection
10 mm .394"	3,5 mm .137"	0,4 - 0,6 Nm 3.5-5.3 lb.in	IP 20 (3) NEMA 1 (3)

MA 2,5/5 - SFAT - CPE

Spacing 5,08 mm (.200")



CE cULUS

Colour	Type	Part number
Grey	 MA 2,5/5-SFAT-CPE	1SNA 115 771 R2700

Characteristics

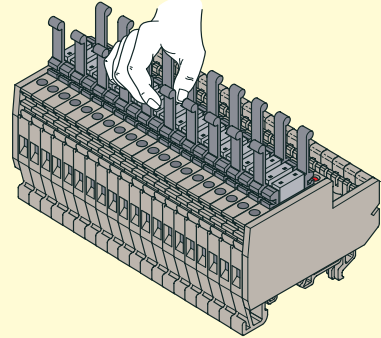
Wire size		IEC	UL/CSA
Screw	Rigid	0,2-4 mm²	24-12 AWG
	Flexible	0,22-2,5 mm²	24-12 AWG

Voltage			
Rated		320 V (1)	300 V
Impulse withstand		4 kV	
Pollution degree		3	
Current			
Rated		3 A (2)	3 A
Wire size			
Rated / Gauge		2,5 mm²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection
10 mm .394"	3,5 mm .137"	0,4 - 0,6 Nm 3.5-5.3 lb.in	IP 20 (3) NEMA 1 (3)

Type		Part number
FE2CPE	th. 2,8 mm	1SNA 215 038 R2000
BF5AUTO		1SNA 299 877 R0300
FUAUTO	2 A	1SNA 179 879 R1400
FUAUTO	3 A	1SNA 179 880 R0200
DCB	blue	1SNA 105 028 R2100
FC2	dia. 2 mm	1SNA 007 865 R2600
PC5	2 poles	1SNA 113 542 R1000
PC5	10 poles	1SNA 113 544 R1200
BO05	length 500 mm	1SNA 177 849 R0400
CPF 5,08	10 poles	1SNA 199 323 R2300
FE1BCP		1SNA 206 389 R1500
COCF 32		1SNA 173 660 R1600
COC1		1SNA 299 777 R1600

Type		Part number
FE2CPE	th. 2,8 mm	1SNA 215 038 R2000
BF5AUTO		1SNA 299 877 R0300
FUAUTO	2 A	1SNA 179 879 R1400
FUAUTO	3 A	1SNA 179 880 R0200
DCB	blue	1SNA 105 028 R2100
FC2	dia. 2 mm	1SNA 007 865 R2600
PC5	2 poles	1SNA 113 542 R1000
PC5	10 poles	1SNA 113 544 R1200
BO05	length 500 mm	1SNA 177 849 R0400
CPF 5,08	10 poles	1SNA 199 323 R2300
FE1BCP		1SNA 206 389 R1500
COCF 32		1SNA 173 660 R1600
COC1		1SNA 299 777 R1600

Possibility to alternate the position of the fuse holder plug for a better handling.

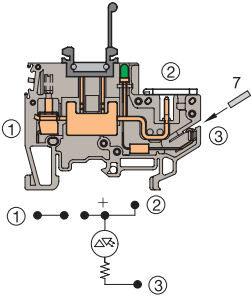


RC55 - RC510	RC55 - RC510
(1) Terminal block insulating voltage. Working voltage according to LED.	
(2) Rated current function of fuse used: 3 A max. under 24 V.	
(3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 8), delivered with the pluggable terminal block.	

Pluggable terminal blocks
Screw clamp
Fuse holder for automotive mini fuse
1 screw clamp - 1 pluggable
DIN 1-3

MA 2,5/5 - SFAT - CPE - L24 BD

Spacing 5,08 mm (.200")



Equipped with a green 2 direction LED 24 V - 4,8 mA

Mating female plugs

Screw clamp plugs CPFT2...

ADO plugs L 265 200 11

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Observations

Blocks delivered with fuse-holder plug

Max. working temperature : 100°C

Contact resistance : < 5 m Ω

Accessories

- 1 End section grey
- 2 Fuse-holder plug black
- 3 Mini Fuse - 32 V maxi
- 4 Test device
- 5 Test plug
- 6 Comb type jumper bar 30 A 30 A
- 7 Busbar for LED common
- 8 Detachable protection strips
- 9 End section-flange kit (R + L)
- 10 Blocking peg
- 11 116 coding peg kit

R See section on marking Marking method

Colour	Type	Part number
Grey	MA 2,5/5-SFAT-CPE-L24BD	1SNA 115 779 R0700

Characteristics			
Wire size			
Screw	Rigid	IEC	UL/CSA
	Flexible	0,2-4 mm ²	24-12 AWG
		0,22-2,5 mm ²	24-12 AWG

Voltage			
Rated		320 V (1)	300 V
Impulse withstand		4 kV	
Pollution degree		3	
Current			
Rated		3 A (2)	3 A (2)
Wire size			
Rated / Gauge		2,5 mm ²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection
10 mm .394"	3,5 mm .137"	0,4 - 0,6 Nm 3.5-5.3 lb.in	IP 20 (3) NEMA 1 (3)

Type	Part number
FE2CPE th. 2,8 mm	1SNA 215 038 R2000
BF5AUTO	1SNA 299 877 R0300
FUAUTO 2 A	1SNA 179 879 R1400
FUAUTO 3 A	1SNA 179 880 R0200
DCB blue	1SNA 105 028 R2100
FC2 dia. 2 mm	1SNA 007 865 R2600
PC5 2 poles	1SNA 113 542 R1000
PC5 10 poles	1SNA 113 544 R1200
BO05 length 500 mm	1SNA 177 849 R0400
CPF 5,08 10 poles	1SNA 199 323 R2300
FE1BCP	1SNA 206 389 R1500
COCF 32	1SNA 173 660 R1600
COC1	1SNA 299 777 R1600

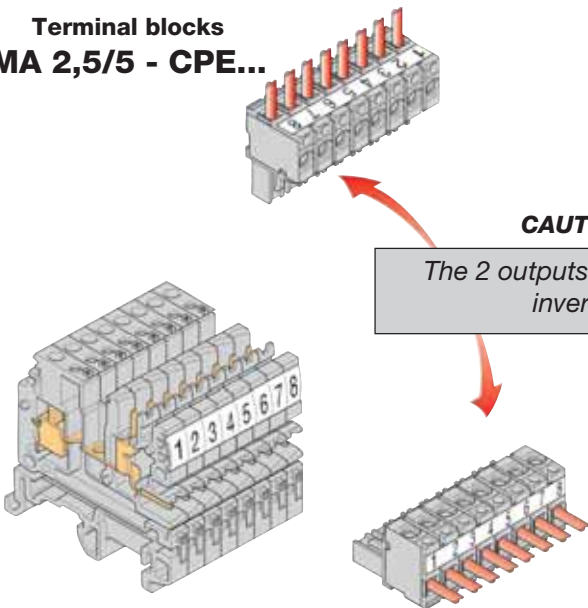
Possibility to alternate the position of the fuse holder plug for a better handling.

- RC55 - RC510
- (1) Terminal block insulating voltage. Working voltage according to LED.
 - (2) Rated current function of fuse used: 3 A max. under 24 V.
 - (3) IP20 (NEMA 1) with the use of CPF 5,08 (protection strips item 8), delivered with the pluggable terminal block.

PLUGGABLE TERMINAL BLOCK SCREW CLAMP ACCESSORIES

Coding accessories

Terminal blocks
MA 2,5/5 - CPE...

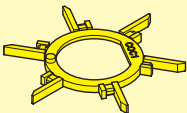


CAUTION !

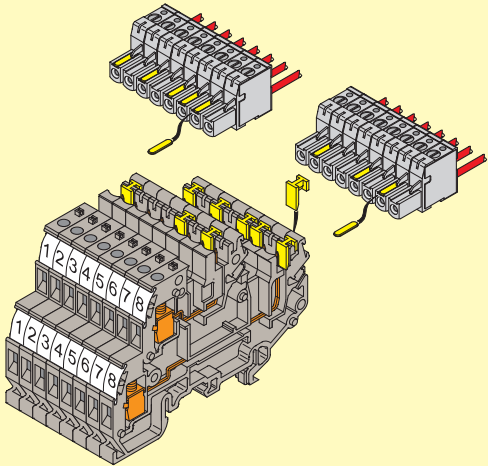
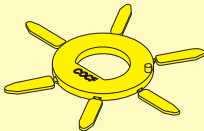
The 2 outputs for plugs are inverted.

- If one set is not used, mount blocking pegs to prevent a plug from being mounted on the output.
- If both outputs are used, coding is highly recommended.

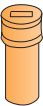
Coding peg
COC1
(to be mounted on pluggable terminal blocks)



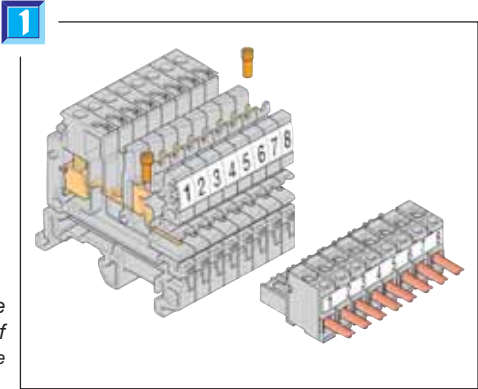
Coding peg
COCF
(to be mounted on plugs)



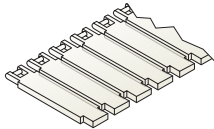
Blocking peg
COCF 32



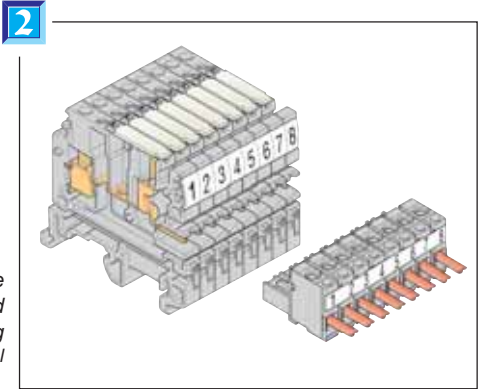
Blocking peg to be mounted on the pins of the unused output (to be ordered separately).



Detachable protection
CPF 5,08



Detachable protection to be mounted on the unused connection part of the plug (supplied with the terminal block).



Pluggable Terminal blocks Insulation displacement

Feed-through 1 ADO - 1 pluggable
2 ADO - 1 pluggable

DIN 3



End stop	th. 10 mm	BAM2 V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5	1SNA 168 700 R2200

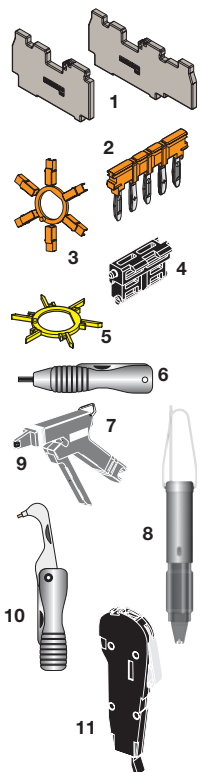
Other end stops, rails and accessories : see section on accessories.

Notes

Body material is UL 94 V0

* : Caution, maximum current of "terminal block and plug" set is limited by the device with the lowest current rating.

Accessories

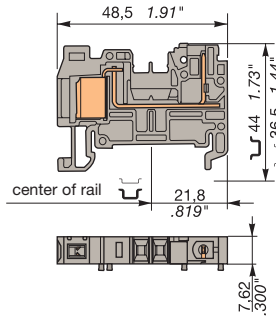


- End section grey beige
- Jumper bar
- 6 isolation kit for jumper bar
- Locking lever
- 6 coding peg kit
- Hand tool kit
- Semi-automatic tool
- Pneumatic tool kit
- Replacement head kit
- Extraction tool kit
- Test connector

R See section on markers marking method

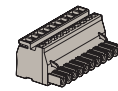
D 1,5/7.ADO-CPE

Spacing 7,62 mm .300"

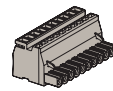


Colour	Type	Part number
Grey	D 1,5/7.ADO-CPE	1SNA 290 486 R2700

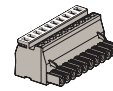
Mating female plugs :



1SSA 266 200 R1100



1SSA 267 200 R1100



1SSA 276 200 R1100

Characteristics

Wire size	IEC	UL/CSA
ADO	0,34 - 1,5 mm ²	22-16 AWG
1 or 2 wires (same wire size) per ADO jaw		

Voltage

Rated	500 V	300 V
Impulse withstand		
Pollution degree	3	

Current

Rated	16 A*	15 A*
-------	-------	-------

Wire size

Rated		1,5 mm ²	16 AWG
Body weight	Metallic part weight	Total weight	Protection
4,5 g	3,8 g	8,3 g	IP 20
0.01 lb	0.008 lb	0.018 lb	NEMA 1

Type

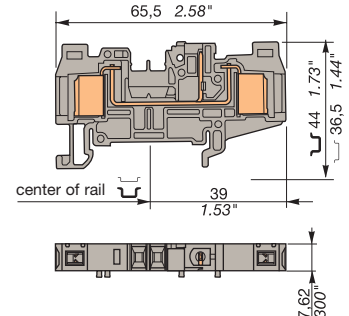
Type	Part numbers
FECPE.ADO (1)	th. 2,9 mm 1SNA 291 832 R1600
FECPE.ADO (1)	th. 2,9 mm 1SNA 400 019 R0400
BJE 762.2 (1)	2 poles 1SNA 290 451 R0300
BJE 762.5 (1)	5 poles 1SNA 290 452 R0400
BJE 762.10 (1)	10 poles 1SNA 290 453 R0500
EIP	1SNA 290 454 R0600
VRADO.CPE7 (2)	1SNA 400 063 R0000
COCE	1SNA 199 321 R2100
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000
CEADO7	1SNA 399 347 R1300

Strip marker RB-12W7 1SNA 290 455 R0700

- (1) Other colours, other pole numbers : on request.
(2) - 1 VRADO.CPE7 2 pole locking lever can safely lock a mating female plug from 2 to 6 poles.
- Up to 3 VRADO.CPE7 can be mounted together for single manipulation.

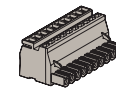
D 1,5/7.2ADO-CPE

Spacing 7,62 mm .300"

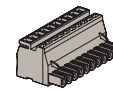


Colour	Type	Part number
Grey	D 1,5/7.2ADO-CPE	1SNA 290 487 R2000

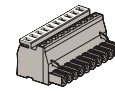
Mating female plugs :



1SSA 266 200 R1100



1SSA 267 200 R1100



1SSA 276 200 R1100

Characteristics

Wire size	IEC	UL/CSA
ADO	0,34 - 1,5 mm ²	22-16 AWG
1 or 2 wires (same wire size) per ADO jaw		

Voltage

Rated	500 V	300 V
Impulse withstand		
Pollution degree	3	

Current

Rated	16 A*	15 A*
-------	-------	-------

Wire size

Rated		1,5 mm²		16 AWG	
Body weight		Metallic part weight		Total weight	
5,5 g		6,1 g		11,6 g	
0.012 lb		0.013 lb		0.025 lb	
				Protection	
				IP 20	
				NEMA 1	

Type

Type	Part numbers
FECPE.2ADO (1)	th. 2,9 mm 1SNA 291 833 R1700
FECPE.2ADO (1)	th. 2,9 mm 1SNA 400 018 R0300
BJE 762.2 (1)	2 poles 1SNA 290 451 R0300
BJE 762.5 (1)	5 poles 1SNA 290 452 R0400
BJE 762.10 (1)	10 poles 1SNA 290 453 R0500
EIP	1SNA 290 454 R0600
VRADO.CPE7 (2)	1SNA 400 063 R0000
COCE	1SNA 199 321 R2100
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000
CEADO7	1SNA 399 347 R1300

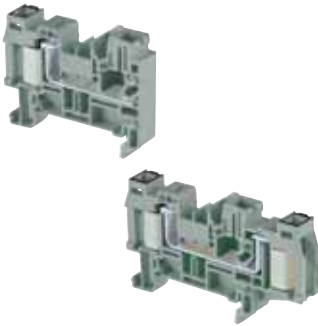
Strip marker RB-12W7 1SNA 290 455 R0700

Pluggable
Terminal blocks
Insulation
displacement



Feed-through 1 ADO - 1 pluggable
2 ADO - 1 pluggable

DIN 3



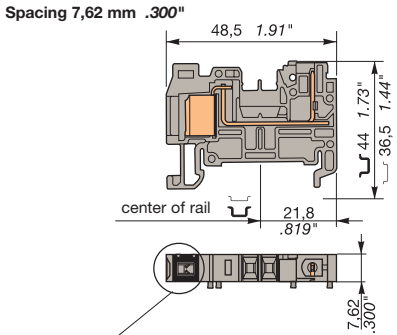
End stop	th. 10 mm	BAM2 V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Other end stops, rails and accessories : see section on accessories.			

Notes

Body material is UL 94 V0

* : Caution, maximum current of "terminal block and plug" set is limited by the device with the lowest current rating.

D 2,5/7.ADO-CPE

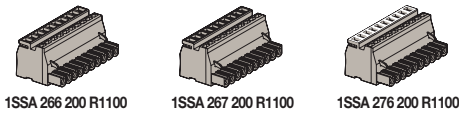


Black marking to identify wire size.



Colour	Type	Part number
Grey	D 2,5/7.ADO-CPE	1SNA 290 483 R2400

Mating female plugs :



Characteristics

Wire size	IEC	UL/CSA
ADO	1 - 2,5 mm²	16-14 AWG
1 or 2 wires (same wire size) per ADO jaw		

Voltage

Rated	500 V	300 V
Impulse withstand		
Pollution degree	3	

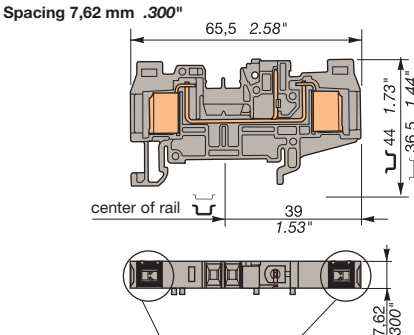
Current

Rated	24 A*	15 A*
-------	-------	-------

Wire size

Rated		2,5 mm ²	14 AWG
Body weight	Metallic part weight	Total weight	Protection
4,5 g	3,8 g	8,3 g	IP 20
0.01 lb	0.008 lb	0.018 lb	NEMA 1

D 2,5/7.2ADO-CPE

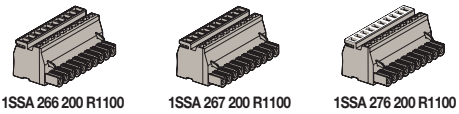


Black marking to identify wire size.



Colour	Type	Part number
Grey	D 2,5/7.2ADO-CPE	1SNA 290 484 R2500

Mating female plugs :



Characteristics

Wire size	IEC	UL/CSA
ADO	1 - 2,5 mm²	16-14 AWG
1 or 2 wires (same wire size) per ADO jaw		

Voltage

Rated	500 V	300 V
Impulse withstand		
Pollution degree	3	

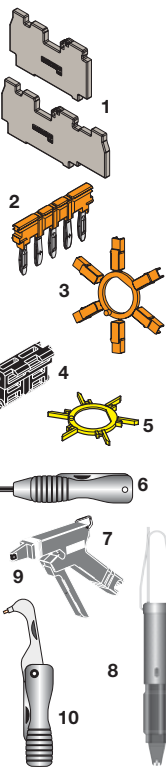
Current

Rated	24 A*	15 A*
-------	-------	-------

Wire size

Rated	2,5 mm ²		14 AWG
Body weight	Metallic part weight	Total weight	Protection
5,5 g	6,1 g	11,6 g	IP 20
0.012 lb	0.013 lb	0.025 lb	NEMA 1

Accessories



- 1 End section grey beige
- 2 Jumper bar
- 3 6 isolation kit for jumper bar
- 4 Locking lever
- 5 6 coding peg kit
- 6 Hand tool kit
- 7 Semi-automatic tool
- 8 Pneumatic tool kit
- 9 Replacement head kit
- 10 Extraction tool kit

R See section on markers marking method

Type Part numbers

FECPE.ADO (1)	th. 2,9 mm	1SNA 291 832 R1600
FECPE.ADO (1)	th. 2,9 mm	1SNA 400 019 R0400
BJE 762.2 (1)	2 poles	1SNA 290 451 R0300
BJE 762.5 (1)	5 poles	1SNA 290 452 R0400
BJE 762.10 (1)	10 poles	1SNA 290 453 R0500
EIP		1SNA 290 454 R0600
VRADO.CPE7 (2)		1SNA 400 063 R0000
COCE		1SNA 199 321 R2100
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
OUTA		1SNA 205 284 R0300
EXAD2		1SNA 205 721 R0000

Strip marker RB-12W7 1SNA 290 455 R0700

- (1) Other colours, other pole numbers : on request.
- (2) - 1 VRADO.CPE7 2 pole locking lever can safely lock a mating female plug from 2 to 6 poles.
- Up to 3 VRADO.CPE7 can be mounted together for single manipulation.

Type Part numbers

FECPE.2ADO (1)	th. 2,9 mm	1SNA 291 833 R1700
FECPE.2ADO (1)	th. 2,9 mm	1SNA 400 018 R0300
BJE 762.2 (1)	2 poles	1SNA 290 451 R0300
BJE 762.5 (1)	5 poles	1SNA 290 452 R0400
BJE 762.10 (1)	10 poles	1SNA 290 453 R0500
EIP		1SNA 290 454 R0600
VRADO.CPE7 (2)		1SNA 400 063 R0000
COCE		1SNA 199 321 R2100
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
OUTA		1SNA 205 284 R0300
EXAD2		1SNA 205 721 R0000

Strip marker RB-12W7 1SNA 290 455 R0700

Pluggable
Terminal blocks
Insulation
displacement

Feed-through 1 ADO - 1 pluggable
2 ADO - 1 pluggable

DIN 3



End stop	th. 10 mm	BAM2 V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Other end stops, rails and accessories : see section on accessories.			

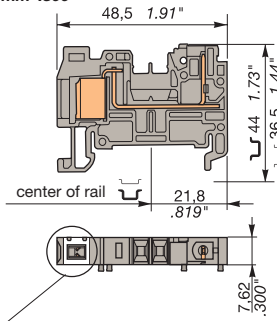
Notes

Body material is UL 94 V0

* : Caution, maximum current of "terminal block and plug" set is limited by the device with the lowest current rating.

D 4/7.ADO-CPE

Spacing 7,62 mm .300"

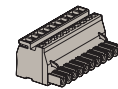


White marking to identify wire size.

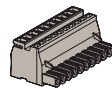


Colour	Type	Part number
Grey	D 4/7.ADO-CPE	1SNA 290 481 R2200

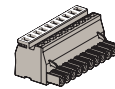
Mating female plugs :



1SSA 266 200 R1100



1SSA 267 200 R1100



1SSA 276 200 R1100

Characteristics

Wire size	IEC	UL/CSA
ADO	4 mm²	12 AWG
1 wire per ADO jaw		

Voltage

Rated	500 V	300 V
Impulse withstand		
Pollution degree	3	

Current

Rated	24 A*	18 A*
-------	-------	-------

Wire size

Rated	4 mm²	12 AWG
Body weight		
4,5 g	3,8 g	8,3 g
0.01 lb	0.008 lb	0.018 lb
Protection	IP 20	
	NEMA 1	

Type

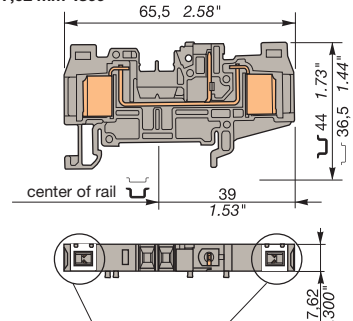
Type	Part numbers
FECPE.ADO (1)	th. 2,9 mm 1SNA 291 832 R1600
FECPE.ADO (1)	th. 2,9 mm 1SNA 400 019 R0400
BJE 762.2 (1)	2 poles 1SNA 290 451 R0300
BJE 762.5 (1)	5 poles 1SNA 290 452 R0400
BJE 762.10 (1)	10 poles 1SNA 290 453 R0500
EIP	1SNA 290 454 R0600
VRADO.CPE7 (2)	1SNA 400 063 R0000
COCE	1SNA 199 321 R2100
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000

Strip marker RB-12W7 1SNA 290 455 R0700

- (1) Other colours, other pole numbers : on request.
(2) - 1 VRADO.CPE7 2 pole locking lever can safely lock a mating female plug from 2 to 6 poles.
- Up to 3 VRADO.CPE7 can be mounted together for single manipulation.

D 4/7.2ADO-CPE

Spacing 7,62 mm .300"

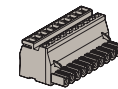


White marking to identify wire size.

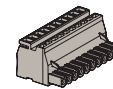


Colour	Type	Part number
Grey	D 4/7.2ADO-CPE	1SNA 290 482 R2300

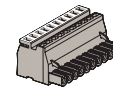
Mating female plugs :



1SSA 266 200 R1100



1SSA 267 200 R1100



1SSA 276 200 R1100

Characteristics

Wire size	IEC	UL/CSA
ADO	4 mm²	12 AWG
1 wire per ADO jaw		

Voltage

Rated	500 V	300 V
Impulse withstand		
Pollution degree	3	

Current

Rated	24 A*	18 A*
-------	-------	-------

Wire size

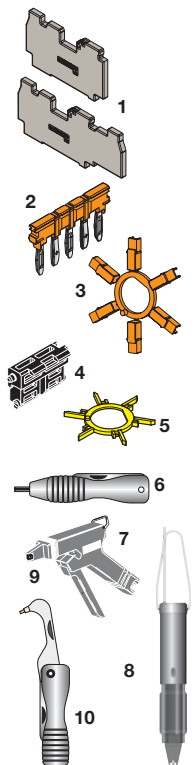
Rated	4 mm²	12 AWG
Body weight		
5,5 g	6,1 g	11,6 g
0.012 lb	0.013 lb	0.025 lb
Protection	IP 20	
	NEMA 1	

Type

Type	Part numbers
FECPE.2ADO (1)	th. 2,9 mm 1SNA 291 833 R1700
FECPE.2ADO (1)	th. 2,9 mm 1SNA 400 018 R0300
BJE 762.2 (1)	2 poles 1SNA 290 451 R0300
BJE 762.5 (1)	5 poles 1SNA 290 452 R0400
BJE 762.10 (1)	10 poles 1SNA 290 453 R0500
EIP	1SNA 290 454 R0600
VRADO.CPE7 (2)	1SNA 400 063 R0000
COCE	1SNA 199 321 R2100
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000

Strip marker RB-12W7 1SNA 290 455 R0700

Accessories



- 1 End section grey beige
- 2 Jumper bar
- 3 6 isolation kit for jumper bar
- 4 Locking lever
- 5 6 coding peg kit
- 6 Hand tool kit
- 7 Semi-automatic tool
- 8 Pneumatic tool kit
- 9 Replacement head kit
- 10 Extraction tool kit

R See section on markers marking method

Pluggable terminal blocks
Screw clamp
Female plugs



Plug shape
TILE (omnicontect)

Range of CPFT2 plugs, 2 to 24 pole, perpendicular and parallel to the connection with test point for dia. 2 and dia. 2.3 mm plugs.

Body UL94 V0

Characteristics

Wire size				
	IEC	UL	CSA	
Rigid*	0,2-4 mm²	24-12 AWG	24-12 AWG	
Flexible*	0,22-2,5 mm²			
Rated voltage				
V	250	300	300	
Rated current				
A	12	15	15	
Rated wire size				
	2,5 mm²	12 AWG	12 AWG	
Other characteristics				
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection	
7,5 mm .295"	3,5 mm .137"	0,4 Nm 3.5 lb.in	IP 20 NEMA 1	
Max. working temperature			100° C	
Contact resistance			< 5 m Ω	

Approvals



Accessories

1	Flanges assembly L + R + M 2,5 screw
2	Test plug
3	6 coding peg kit
R	Markers Marking method

CPFT2 / ...
Plugs,
wires parallel to connection

Spacing 5,08 mm .200"

Number of poles	Type	Part number	L mm
Spacing 5,08 mm .200" black			
2	CPFT2 / 2	1SNA 094 302 R2100	10,08
3	CPFT2 / 3	1SNA 094 303 R2200	15,16
4	CPFT2 / 4	1SNA 094 304 R2300	20,24
5	CPFT2 / 5	1SNA 094 305 R2400	25,32
6	CPFT2 / 6	1SNA 094 306 R2500	30,40
7	CPFT2 / 7	1SNA 094 307 R2600	35,48
8	CPFT2 / 8	1SNA 094 308 R0700	40,56
9	CPFT2 / 9	1SNA 094 309 R0000	45,64
10	CPFT2 / 10	1SNA 094 310 R2400	50,72
11	CPFT2 / 11	1SNA 094 311 R1100	55,80
12	CPFT2 / 12	1SNA 094 312 R1200	60,88
13	CPFT2 / 13	1SNA 094 313 R1300	65,96
14	CPFT2 / 14	1SNA 094 314 R1400	71,04
15	CPFT2 / 15	1SNA 094 315 R1500	76,12

Other pole numbers, please consult us.

CPFT2 / R-...
Plugs,
wires perpendicular to connection

Spacing 5,08 mm .200"

Number of poles	Type	Part number	L mm
Spacing 5,08 mm .200" black			
2	CPFT2 / R-2	1SNA 094 352 R2200	10,08
3	CPFT2 / R-3	1SNA 094 353 R2300	15,16
4	CPFT2 / R-4	1SNA 094 354 R2400	20,24
5	CPFT2 / R-5	1SNA 094 355 R2500	25,32
6	CPFT2 / R-6	1SNA 094 356 R2600	30,40
7	CPFT2 / R-7	1SNA 094 357 R2700	35,48
8	CPFT2 / R-8	1SNA 094 358 R0000	40,56
9	CPFT2 / R-9	1SNA 094 359 R0100	45,64
10	CPFT2 / R-10	1SNA 094 360 R0600	50,72
11	CPFT2 / R-11	1SNA 094 361 R2300	55,80
12	CPFT2 / R-12	1SNA 094 362 R2400	60,88
13	CPFT2 / R-13	1SNA 094 363 R2500	65,96
14	CPFT2 / R-14	1SNA 094 364 R2600	71,04
15	CPFT2 / R-15	1SNA 094 365 R2700	76,12

Other pole numbers, please consult us.

Pluggable terminal blocks
Insulation displacement
Female plugs



Body UL94 V0
*: Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

	Wire size	
	IEC	UL/CSA
Rigid	0,34 - 1,5 mm ² *	22 - 16 AWG
Flexible	0,34 - 1,5 mm ² *	22 - 16 AWG

*1 or 2 wires (same wire size) per ADO jaw

Rated voltage		
V	~	500
	=	500
		300 V

Rated current at 20° C		
A	16**	15**

Rated wire size		
	1,5 mm ²	16 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

Approvals

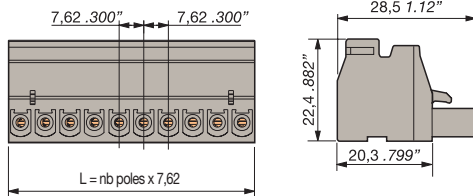
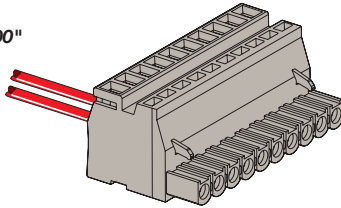


Accessories

1	6 coding peg kit
2	Cable clamp plug Grey, 3 to 7 poles
3	Cable clamp plug Grey, 8 to 16 poles
4	Manual tool
5	Semi-automatic tool
6	Pneumatic tool
7	DIN 3 foot (1) black
8	DIN 2 foot (1) black
9	Strip marking

L 266 200 11
Female plugs

Spacing 7.62 mm .300"



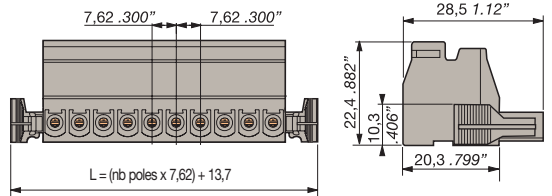
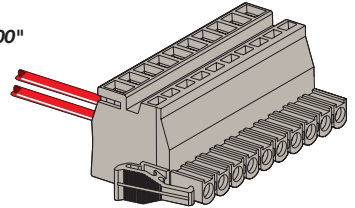
Part number

Spacing 7.62 mm	Grey body
N. Poles	2 to 24 poles
2	1SSA 266 202 R1100 15.24
3	1SSA 266 203 R1100 22.86
4	1SSA 266 204 R1100 30.48
5	1SSA 266 205 R1100 38.10
6	1SSA 266 206 R1100 45.72
10	1SSA 266 210 R1100 76.20

Consult us for pole numbers :
7, 8, 9 and more than 10

L 266 200 21
Female plugs with brackets

Spacing 7.62 mm .300"

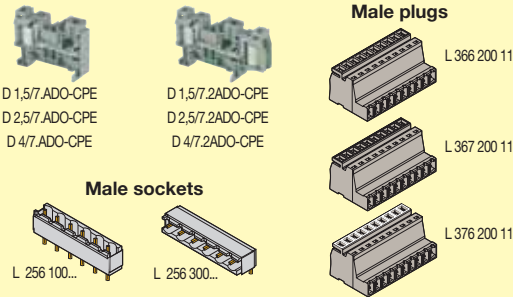


Part number

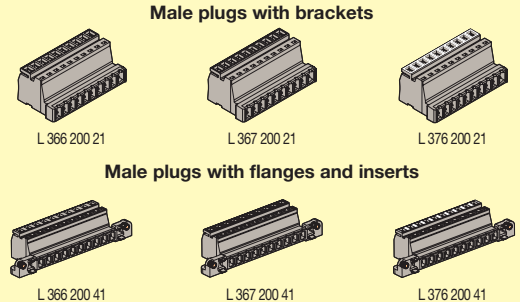
Spacing 7.62 mm	Grey body
N. Poles	2 to 24 poles

Consult us

Compatible products :



Compatible products :



Type	Part number	Type	Part number
COCF	1SNA 199 320 R0400	COCF	1SNA 199 320 R0400
PT1 7,62 mm	1SSA 299 253 R0000	PT1 7,62 mm	1SSA 299 253 R0000
PT2 7,62 mm	1SSA 299 254 R0000	PT2 7,62 mm	1SSA 299 254 R0000
OUMAD	1SNA 179 466 R0600	OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400	OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100	OUTAD	1SNA 205 710 R1100
	1SSS 299 190 R2200		1SSS 299 190 R2200
	1SSS 299 191 R2200		1SSS 299 191 R2200
RB-12W7	1SNA 290 455 R0700	RB-12W7	1SNA 290 455 R0700

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks
Insulation displacement
Female plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

Wire size		
	IEC	UL/CSA
Rigid	0,34 - 1,5 mm ^{2*}	22 - 16 AWG
Flexible	0,34 - 1,5 mm ^{2*}	22 - 16 AWG

*1 or 2 wires (same wire size) per ADO jaw

Rated voltage		
V	~	500
	=	500
		300 V

Rated current at 20° C		
A	16**	15**

Rated wire size		
	1,5 mm ²	16 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

Approvals

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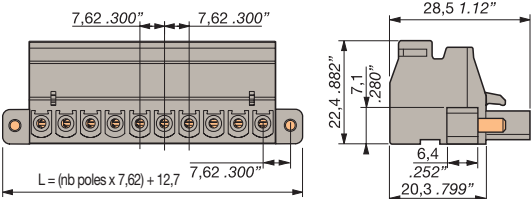
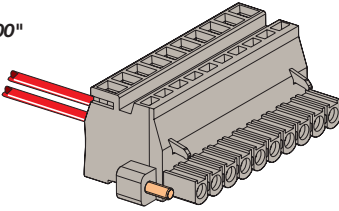
Accessories

1	6 coding peg kit
2	Cable clamp plug Grey, 3 to 7 poles
3	Cable clamp plug Grey, 8 to 16 poles
4	Manual tool
5	Semi-automatic tool
6	Pneumatic tool
7	DIN 3 foot (1) black
8	DIN 2 foot (1) black
9	Strip marking

L 266 200 31

Female plugs with flanges and screws

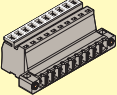
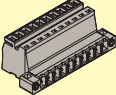
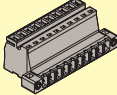
Spacing 7.62 mm .300"



Part number	Part number
Spacing 7.62 mm	Grey body
N. Poles	2 to 24 poles
Consult us	

Compatible products :

Male plugs with flanges and inserts



L 366 200 31L 367 200 31L 376 200 31

Type	Part number	Type	Part number
COCF	1SNA 199 320 R0400		
PT1 7,62 mm	1SSA 299 253 R0000		
PT2 7,62 mm	1SSA 299 254 R0000		
OUMAD	1SNA 179 466 R0600		
OUPAD	1SNA 178 944 R0400		
OUTAD	1SNA 205 710 R1100		
	1SSS 299 190 R2200		
	1SSS 299 191 R2200		
RB-12W7	1SNA 290 455 R0700		

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks

Insulation displacement

Female plugs



Body UL94 V0

** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

	Wire size	
	IEC	UL/CSA
Rigid	1 - 2,5 mm ² **	16 - 14 AWG
Flexible	1 - 2,5 mm ² **	16 - 14 AWG

*1 or 2 wires (same wire size) per ADO jaw

Rated voltage		
V	~	500
	=	300

Rated current at 20° C		
A	24**	15**

Rated wire size		
	2,5 mm ²	14 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

Approvals



Accessories

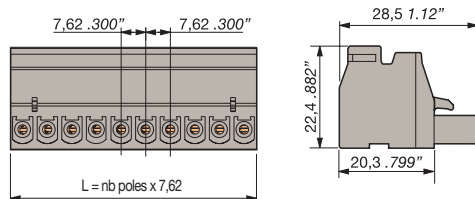
1	6 coding peg kit
2	Cable clamp plug Grey, 3 to 7 poles
3	Cable clamp plug Grey, 8 to 16 poles
4	Manual tool
5	Semi-automatic tool
6	Pneumatic tool
7	DIN 3 foot (1) black
8	DIN 2 foot (1) black
9	Strip marking

L 267 200 11

Female plugs

Spacing 7.62 mm .300"

Black marking to identify wire size range 1-2,5 mm²



Part number

Spacing 7.62 mm Grey body

N. Poles 2 to 24 poles

2	1SSA 267 202 R1100	15.24
3	1SSA 267 203 R1100	22.86
4	1SSA 267 204 R1100	30.48
5	1SSA 267 205 R1100	38.10
6	1SSA 267 206 R1100	45.72
10	1SSA 267 210 R1100	76.20

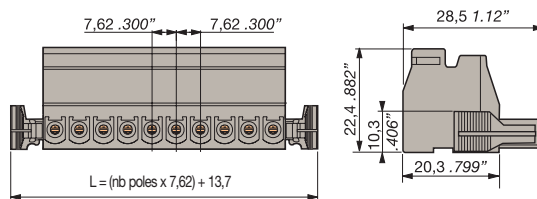
Consult us for pole numbers :
7, 8, 9 and more than 10

L 267 200 21

Female plugs with brackets

Spacing 7.62 mm .300"

Black marking to identify wire size range 1-2,5 mm²



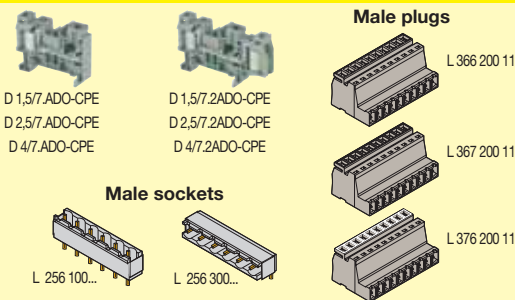
Part number

Spacing 7.62 mm Grey body

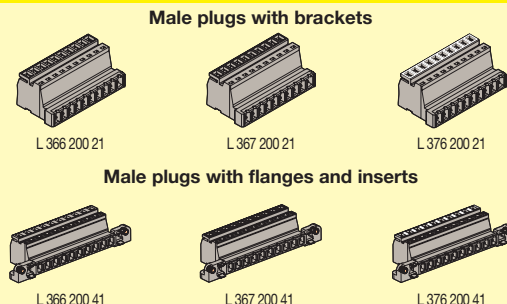
N. Poles 2 to 24 poles

Consult us

Compatible products :



Compatible products :



(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks
Insulation displacement
Female plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

Wire size		
	IEC	UL/CSA
Rigid	1 - 2,5 mm²*	16-14 AWG
Flexible	1 - 2,5 mm²*	16-14 AWG

*1 or 2 wires (same wire size) per ADO jaw

Rated voltage		
V	~	500
	=	500
		300

Rated current at 20° C		
A	24**	15**

Rated wire size		
	2,5 mm²	14 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

Approvals

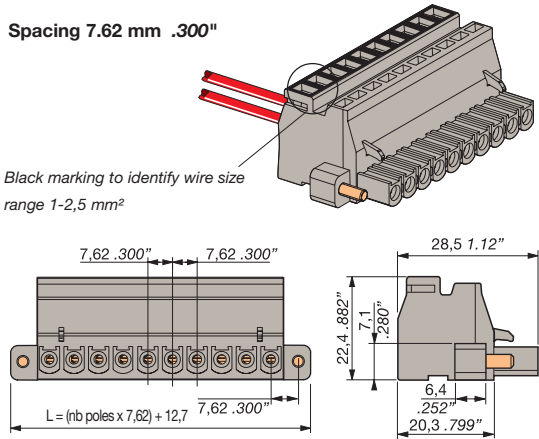


Accessories

1	6 coding peg kit	
2	Cable clamp plug	Grey, 3 to 7 poles
3	Cable clamp plug	Grey, 8 to 16 poles
4	Manual tool	
5	Semi-automatic tool	
6	Pneumatic tool	
7	DIN 3 foot (1)	black
8	DIN 2 foot (1)	black
9	Strip marking	

L 267 200 31
Female plugs with flanges and screws

Spacing 7.62 mm .300"



Part number

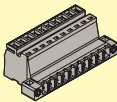
Spacing 7.62 mm Grey body
N. Poles 2 to 24 poles

Consult us

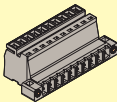
Part number

Compatible products :

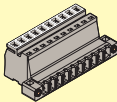
Male plugs with flanges and inserts



L 366 200 31



L 367 200 31



L 376 200 31

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks
Insulation displacement
Female plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

	Wire size	
	IEC	UL/CSA
Rigid	4 mm²*	14 - 12 AWG
Flexible	4 mm²*	14 - 12 AWG

*1 wire per ADO jaw		
Rated voltage		
V	~ 500	300
	= 500	

Rated current at 20° C		
A	24**	18**

Rated wire size	
	4 mm² 12 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

Approvals



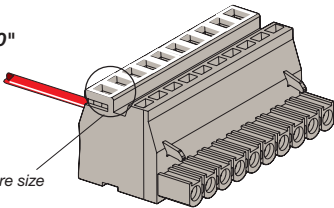
Accessories

1	6 coding peg kit
2	Cable clamp plug Grey, 3 to 7 poles
3	Cable clamp plug Grey, 8 to 16 poles
4	Manual tool
5	Semi-automatic tool
6	Pneumatic tool
7	DIN 3 foot (1) black
8	DIN 2 foot (1) black
9	Strip marking

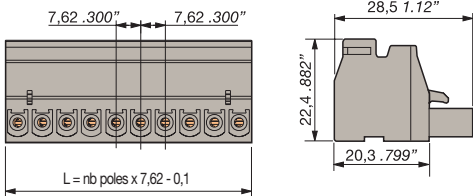
L 276 200 11

Female plugs

Spacing 7.62 mm .300"



White marking to identify wire size
4 mm²



Part number

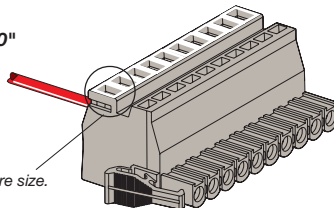
Spacing 7.62 mm	Grey body
N. Poles	2 to 24 poles
2	1SSA 276 202 R1100 15.24
3	1SSA 276 203 R1100 22.86
4	1SSA 276 204 R1100 30.48
5	1SSA 276 205 R1100 38.10
6	1SSA 276 206 R1100 45.72

Consult us for pole numbers above 6

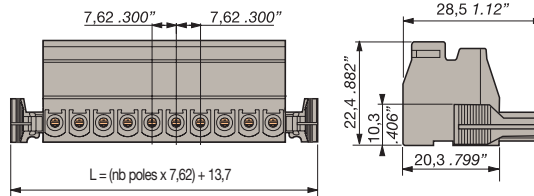
L 276 200 21

Female plugs with brackets

Spacing 7.62 mm .300"



White marking to identify wire size.

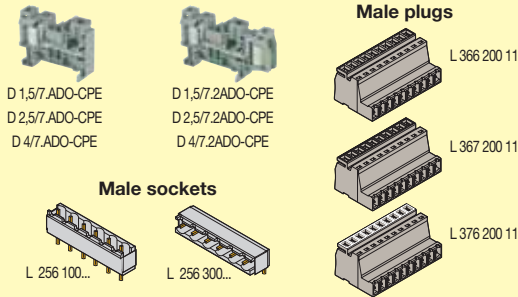


Part number

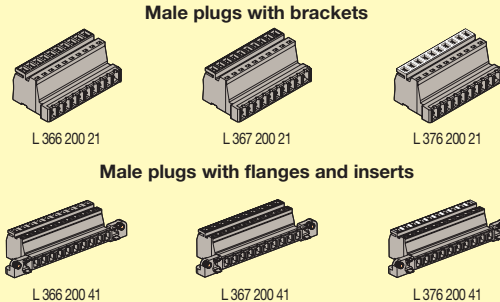
Spacing 7.62 mm	Grey body
N. Poles	2 to 24 poles

Consult us

Compatible products :



Compatible products :



Type	Part number
COCF	1SNA 199 320 R0400
PT1 7,62 mm	1SSA 299 253 R0000
PT2 7,62 mm	1SSA 299 254 R0000
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
	1SSS 299 190 R2200
	1SSS 299 191 R2200
RB-12W7	1SNA 290 455 R0700



Type	Part number
COCF	1SNA 199 320 R0400
PT1 7,62 mm	1SSA 299 253 R0000
PT2 7,62 mm	1SSA 299 254 R0000
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
	1SSS 299 190 R2200
	1SSS 299 191 R2200
RB-12W7	1SNA 290 455 R0700

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks
Insulation displacement
Female plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

Wire size		
	IEC	UL/CSA
Rigid	4 mm²*	14 - 12 AWG
Flexible	4 mm²*	14 - 12 AWG
*1 wire per ADO jaw		
Rated voltage		
V	~ 500	300
	= 500	
Rated current at 20° C		
A	24**	18**
Rated wire size		
	4 mm²	12 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1
Max. working temperature :				100 °C
Insulation resistance :				≥ 100 MΩ

Approvals		CE		CE	
Accessories		Type	Part number	Type	Part number
1	6 coding peg kit	COCF	1SNA 199 320 R0400		
2	Cable clamp plug Grey, 3 to 7 poles	PT1 7,62 mm	1SSA 299 253 R0000		
3	Cable clamp plug Grey, 8 to 16 poles	PT2 7,62 mm	1SSA 299 254 R0000		
4	Manual tool	OUMAD	1SNA 179 466 R0600		
5	Semi-automatic tool	OUPAD	1SNA 178 944 R0400		
6	Pneumatic tool	OUTAD	1SNA 205 710 R1100		
7	DIN 3 foot (1) black		1SSS 299 190 R2200		
8	DIN 2 foot (1) black		1SSS 299 191 R2200		
9	Strip marking	RB-12W7	1SNA 290 455 R0700		

L 276 200 31

Female plugs with flanges and screws

Spacing 7.62 mm .300"

White marking to identify wire size

4 mm²

7,62 .300"

7,62 .300"

28,5 1.12"

22,4 .882"

7,1 .280"

6,4 .252"

20,3 .799"

L = (nb poles x 7,62) + 12,7

7,62 .300"

Part number

Spacing 7.62 mm Grey body

N. Poles 2 to 24 poles

Consult us

Compatible products :

Male plugs with flanges and inserts

L 366 200 31

L 367 200 31

L 376 200 31

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks
Insulation displacement
Male plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

	Wire size	
	IEC	UL/CSA
Rigid	0,34 - 1,5 mm²	22 - 16 AWG
Flexible	0,34 - 1,5 mm²	22 - 16 AWG

*1 or 2 wires (same wire size) per ADO jaw

Rated voltage		
V	~	500
	=	500
300		

Rated current at 20° C		
A	16**	15**

Rated wire size		
	1,5 mm²	16 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

Approvals



Accessories

1	Cable clamp plug	Grey, 3 to 7 poles
2	Cable clamp plug	Grey, 8 to 16 poles
3	Manual tool	
4	Semi-automatic tool	
5	Pneumatic tool	
6	DIN 3 foot (1)	black
7	DIN 2 foot (1)	black
8	Strip marking	

Type

Part number

PT1	7,62 mm	1SSA 299 253 R0000
PT2	7,62 mm	1SSA 299 254 R0000
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
		1SSS 299 190 R2200
		1SSS 299 191 R2200
RB-12W7		1SNA 290 455 R0700

Type

Part number

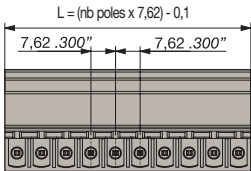
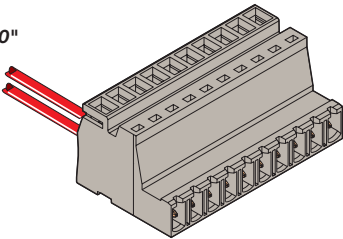
PT1	7,62 mm	1SSA 299 253 R0000
PT2	7,62 mm	1SSA 299 254 R0000
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
		1SSS 299 190 R2200
		1SSS 299 191 R2200
RB-12W7		1SNA 290 455 R0700

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

L 366 200 11

Male plugs

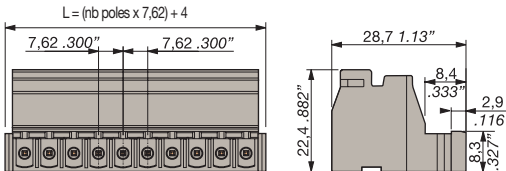
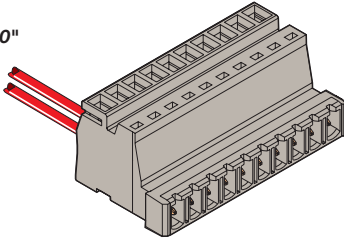
Spacing 7.62 mm .300"



L 366 200 21

Male plugs with brackets

Spacing 7.62 mm .300"



Part number

Spacing 7.62 mm

Grey body

N. Poles

2 to 24 poles

2	1SSA 366 202 R1100	15.14
3	1SSA 366 203 R1100	22.76
4	1SSA 366 204 R1100	30.38
5	1SSA 366 205 R1100	38.00
6	1SSA 366 206 R1100	45.62
10	1SSA 366 210 R1100	76.10

Consult us for pole numbers :
7, 8, 9 and more than 10

Part number

Spacing 7.62 mm

Grey body

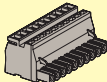
N. Poles

2 to 24 poles

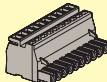
Consult us

Compatible products :

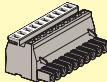
Female plugs



L 266 200 11



L 267 200 11

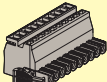


L 276 200 11

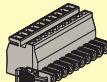
for mounting as extension connector

Compatible products :

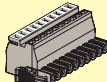
Female plugs with brackets



L 266 200 21



L 267 200 21



L 276 200 21

for mounting as extension connector with locking

Pluggable terminal blocks
Insulation displacement
Male plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

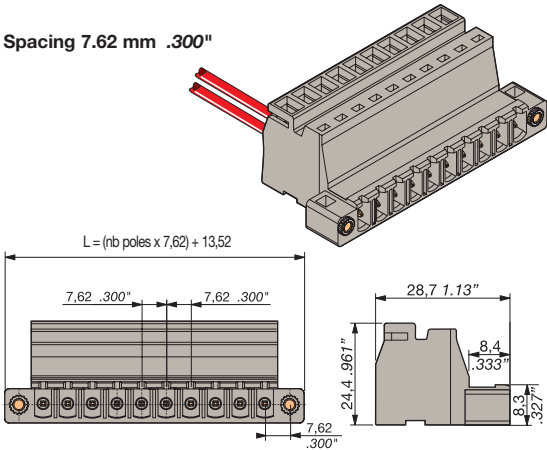
Wire size		IEC	UL/CSA
Solid		0,34 - 1,5 mm ^{2*}	22 - 16 AWG
Flexible		0,34 - 1,5 mm ^{2*}	22 - 16 AWG
*1 or 2 wires (same wire size) per ADO jaw			
Rated voltage			
V	~	500	300
	=	500	
Rated current at 20° C			
A		16**	15**
Rated wire size			
		1,5 mm ²	16 AWG
Other characteristics			
Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque
3			
			Protection
			IP 20 NEMA 1
Max. working temperature :		100 °C	
Insulation resistance :		≥ 100 MΩ	

Accessories

1	Cable clamp plug	Grey, 3 to 7 poles
2	Cable clamp plug	Grey, 8 to 16 poles
3	Manual tool	
4	Semi-automatic tool	
5	Pneumatic tool	
6	Strip marking	

L 366 200 31
Male plugs with flanges and inserts

Spacing 7.62 mm .300"



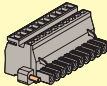
Part number

Spacing 7.62 mm Grey body
N. Poles 2 to 24 poles

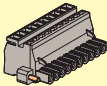
Consult us

Compatible products :

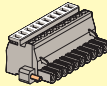
Female plugs with flanges and inserts



L 266 200 31



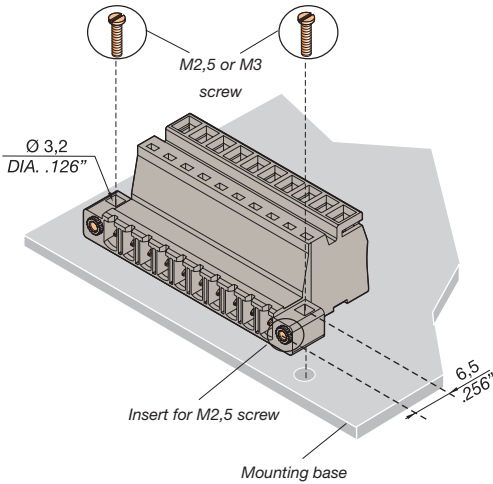
L 267 200 31



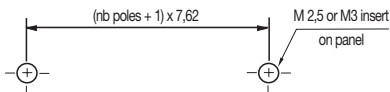
L 276 200 31

for mounting as extension connector with screw locking or plate mounting with locking

Base mounting

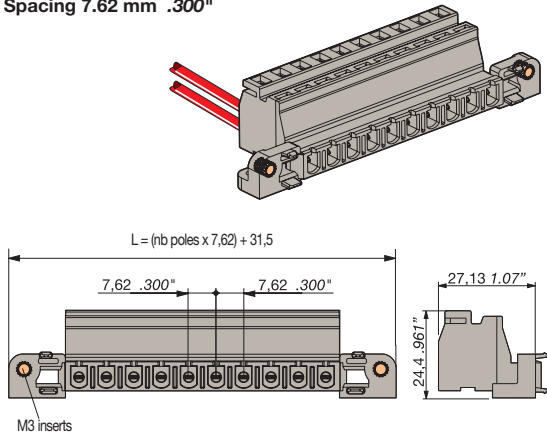


Drilling for base mounting



L 366 200 41
Male plugs with flanges and inserts

Spacing 7.62 mm .300"



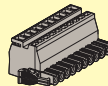
Part number

Spacing 7.62 mm Grey body
N. Poles 2 to 24 poles

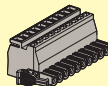
Consult us

Compatible products :

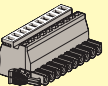
Insulation displacement female plugs with brackets



L 266 200 21



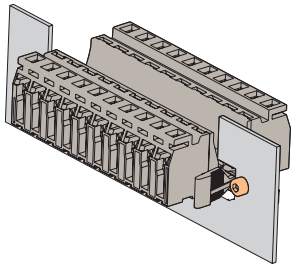
L 267 200 21



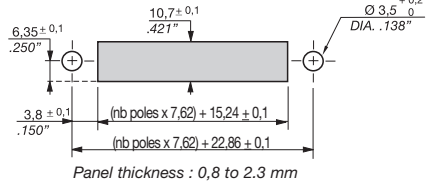
L 276 200 21

for panel feed-through mounting, with locking mechanism

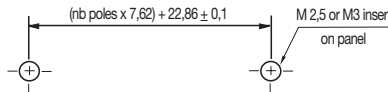
Panel feed-through mounting or base mounting



Drilling for panel feed-through mounting



Drilling for base mounting



Pluggable terminal blocks
Insulation displacement
Male plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

Wire size		
	IEC	UL/CSA
Rigid	1 - 2,5 mm ² **	16 - 14 AWG
Flexible	1 - 2,5 mm ² **	16 - 14 AWG

*1 or 2 wires (same wire size) per ADO jaw

Rated voltage		
V	~	=
	500	300
	500	

Rated current at 20° C		
A	22**	15**

Rated wire size		
	2,5 mm ²	14 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

Approvals



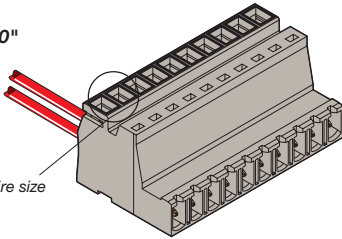
Accessories

1	Cable clamp plug	Grey, 3 to 7 poles
2	Cable clamp plug	Grey, 8 to 16 poles
3	Manual tool	
4	Semi-automatic tool	
5	Pneumatic tool	
6	DIN 3 foot (1)	black
7	DIN 2 foot (1)	black
8	Strip marking	

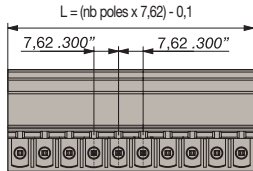
L 367 200 11

Male plugs

Spacing 7.62 mm .300"



Black marking to identify wire size range 1-2,5 mm²



Part number

Spacing 7.62 mm Grey body

N. Poles

2 to 24 poles

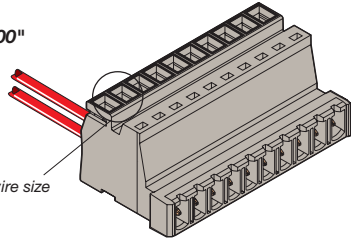
2	1SSA 367 202 R1100	15.14
3	1SSA 367 203 R1100	22.76
4	1SSA 367 204 R1100	30.38
5	1SSA 367 205 R1100	38.00
6	1SSA 367 206 R1100	45.62
10	1SSA 367 210 R1100	76.10

Consult us for pole numbers :
7, 8, 9 and more than 10

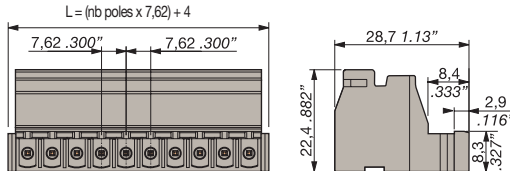
L 367 200 21

Male plugs with brackets

Spacing 7.62 mm .300"



Black marking to identify wire size range 1-2,5 mm²



Part number

Spacing 7.62 mm Grey body

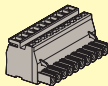
N. Poles

2 to 24 poles

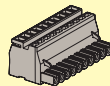
Consult us

Compatible products :

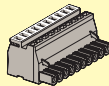
Female plugs



L 266 200 11



L 267 200 11

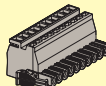


L 276 200 11

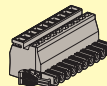
for mounting as extension connector

Compatible products :

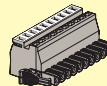
Female plugs with brackets



L 266 200 21



L 267 200 21



L 276 200 21

for mounting as extension connector with locking



Type

Part number

PT1	7,62 mm	1SSA 299 253 R0000
PT2	7,62 mm	1SSA 299 254 R0000
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
		1SSS 299 190 R2200
		1SSS 299 191 R2200
RB-12W7		1SNA 290 455 R0700



Type

Part number

PT1	7,62 mm	1SSA 299 253 R0000
PT2	7,62 mm	1SSA 299 254 R0000
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
		1SSS 299 190 R2200
		1SSS 299 191 R2200
RB-12W7		1SNA 290 455 R0700

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks
Insulation displacement
Male plugs



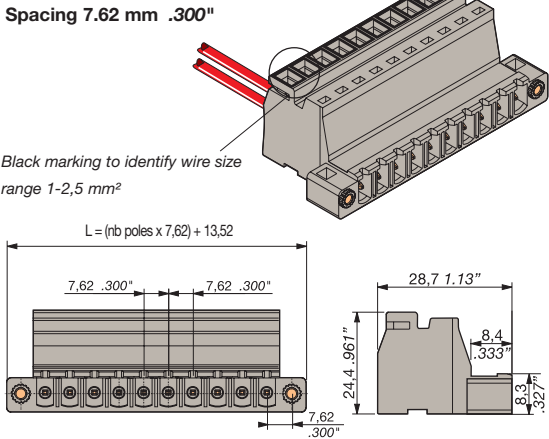
Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

Wire size		IEC	UL/CSA
Solid		1 - 2,5 mm²*	16 -14 AWG
Flexible		1 - 2,5 mm²*	16 -14 AWG
*1 or 2 wires (same wire size) per ADO jaw			
Rated voltage			
V	~	500	300
	=	500	
Rated current at 20° C			
A		22**	15**
Rated wire size			
		2,5 mm²	14 AWG
Other characteristics			
Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque
3			
			Protection
			IP 20 NEMA 1
Max. working temperature :		100 °C	
Insulation resistance :		≥ 100 MΩ	

Accessories		
1	Cable clamp plug	Grey, 3 to 7 poles
2	Cable clamp plug	Grey, 8 to 16 poles
3	Manual tool	
4	Semi-automatic tool	
5	Pneumatic tool	
6	Strip marking	

L 367 200 31
Male plugs with flanges and inserts



Part number
Spacing 7.62 mm Grey body
N. Poles 2 to 24 poles
Consult us

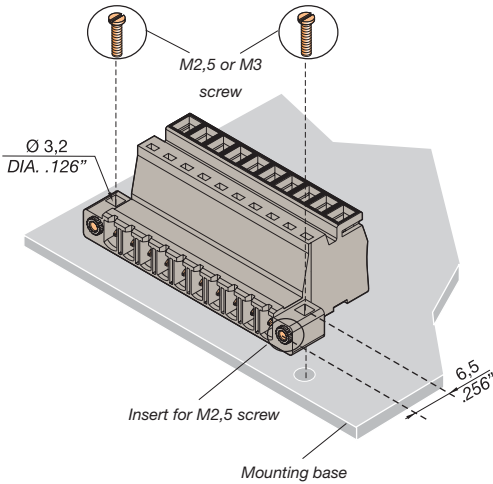
Compatible products :

Female plugs with flanges and inserts

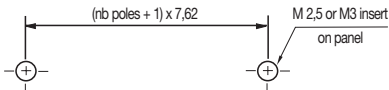
L 266 200 31 L 267 200 31 L 276 200 31

for mounting as extension connector with screw locking or plate mounting with locking

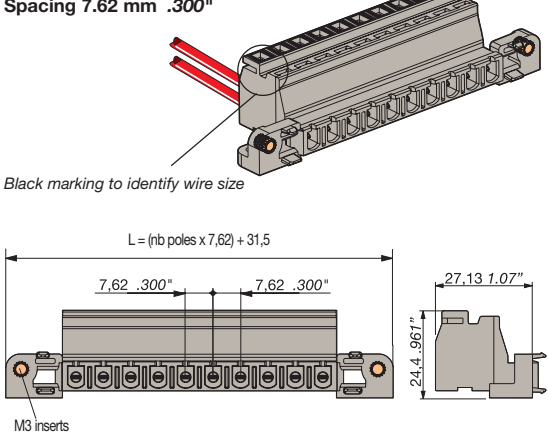
Base mounting



Drilling for base mounting



L 367 200 41
Male plugs with flanges and inserts



Part number
Spacing 7.62 mm Grey body
N. Poles 2 to 24 poles
Consult us

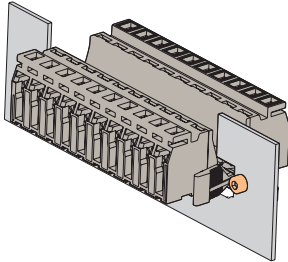
Compatible products :

Insulation displacement female plugs with brackets

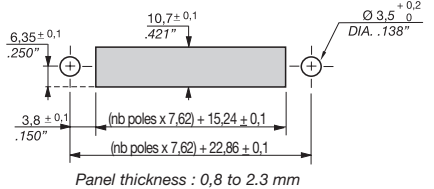
L 266 200 21 L 267 200 21 L 276 200 21

for panel feed-through mounting, with locking mechanism

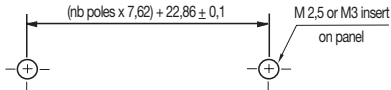
Panel feed-through mounting or base mounting



Drilling for panel feed-through mounting



Drilling for base mounting



Type	Part number
PT1 7,62 mm	1SSA 299 253 R0000
PT2 7,62 mm	1SSA 299 254 R0000
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
RB-12W7	1SNA 290 455 R0700

Type	Part number
PT1 7,62 mm	1SSA 299 253 R0000
PT2 7,62 mm	1SSA 299 254 R0000
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
RB-12W7	1SNA 290 455 R0700

Pluggable terminal blocks
Insulation displacement
Male plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

Wire size		
	IEC	UL/CSA
Rigid	4 mm²*	14 - 12 AWG
Flexible	4 mm²*	14 - 12 AWG

*1 wire per ADO jaw		
Rated voltage		
V	500	300
=	500	

Rated current at 20° C		
A	22**	18**

Rated wire size		
	4 mm²	12 AWG

Other characteristics

Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
			IP 20 NEMA 1
Max. working temperature :			100 °C
Insulation resistance :			≥ 100 MΩ

Approvals

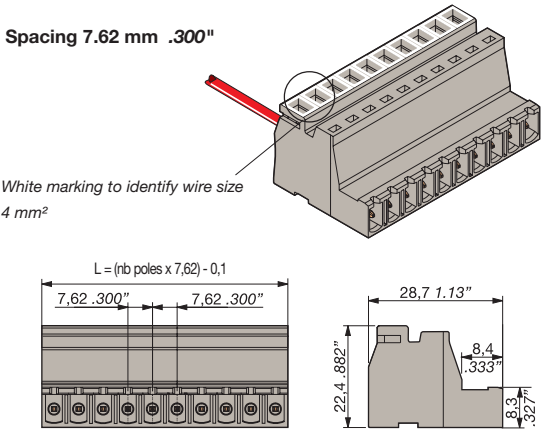


Accessories

1	Cable clamp plug	Grey, 3 to 7 poles
2	Cable clamp plug	Grey, 8 to 16 poles
3	Manual tool	
4	Semi-automatic tool	
5	Pneumatic tool	
6	DIN 3 foot	black
7	DIN 2 foot	black
8	Strip marking	

L 376 200 11
Male plugs

Spacing 7.62 mm .300"

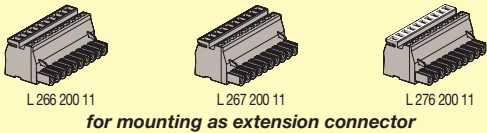


Part number

Spacing 7.62 mm	Grey body
N. Poles	2 to 24 poles
2	1SSA 376 202 R1100 15.14
3	1SSA 376 203 R1100 22.76
4	1SSA 376 204 R1100 30.38
5	1SSA 376 205 R1100 38.00
6	1SSA 376 206 R1100 45.62

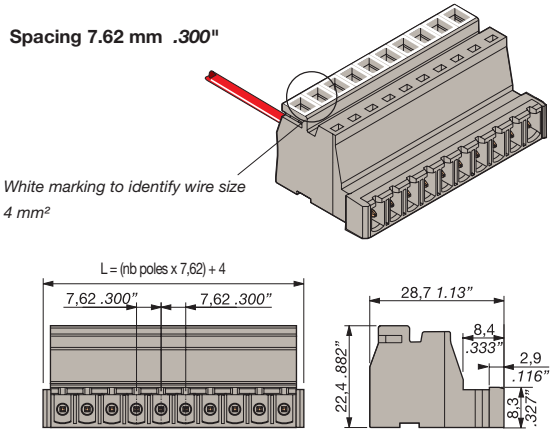
Consult us for pole numbers above 6

Compatible products :
Female plugs



L 376 200 21
Male plugs with brackets

Spacing 7.62 mm .300"

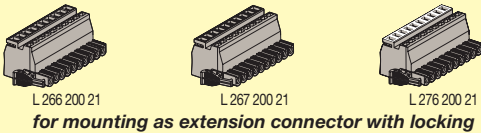


Part number

Spacing 7.62 mm	Grey body
N. Poles	2 to 24 poles

Consult us

Compatible products :
Female plugs with brackets



Type

Part number

PT1	7,62 mm	1SSA 299 253 R0000
PT2	7,62 mm	1SSA 299 254 R0000
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
		1SSS 299 190 R2200
		1SSS 299 191 R2200
RB-12W7		1SNA 290 455 R0700



Type

Part number

PT1	7,62 mm	1SSA 299 253 R0000
PT2	7,62 mm	1SSA 299 254 R0000
OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100
		1SSS 299 190 R2200
		1SSS 299 191 R2200
RB-12W7		1SNA 290 455 R0700

(1) Accessories for mounting of male and female plugs on DIN 3 or DIN 2 rail.

Pluggable terminal blocks
Insulation displacement
Male plugs



Body UL94 V0
** : Caution, maximum current of the device set is limited by the device with the lowest current rating.

Characteristics

	Wire size	
	IEC	UL/CSA
Solid	4 mm²*	14 - 12 AWG
Flexible	4 mm²*	14 - 12 AWG

*1 wire per ADO jaw		
Rated voltage		
V	~	500
	=	300

Rated current at 20° C		
A	22**	18**

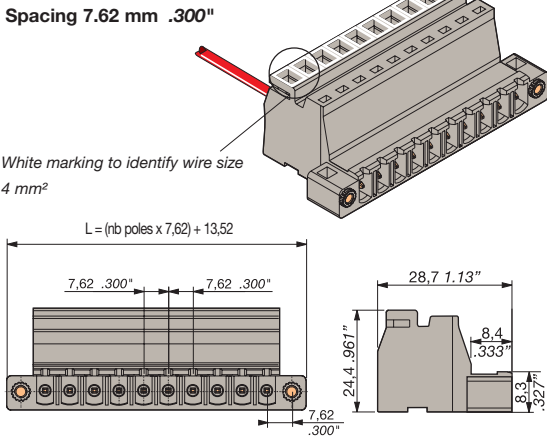
Rated wire size	
	4 mm² 12 AWG

Other characteristics

Pollution degree	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
3				IP 20 NEMA 1

Max. working temperature : 100 °C
Insulation resistance : ≥ 100 MΩ

L 376 200 31
Male plugs with flanges and inserts



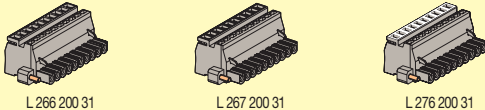
Part number

Spacing 7.62 mm Grey body
N. Poles 2 to 24 poles

Consult us

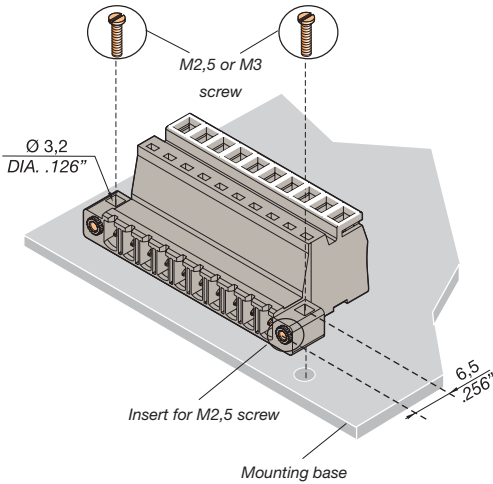
Compatible products :

Female plugs with flanges and inserts

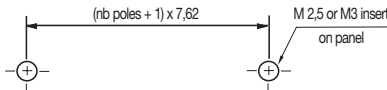


for mounting as extension connector with screw locking or plate mounting with locking

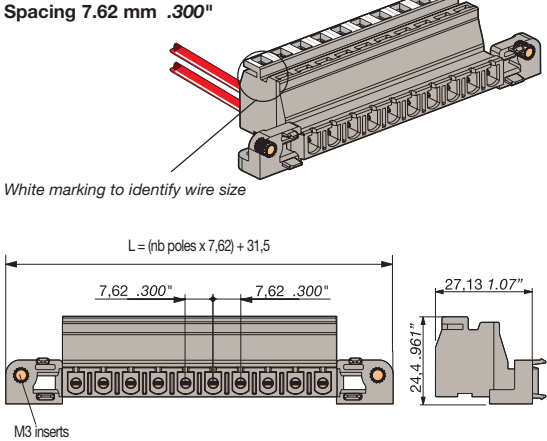
Base mounting



Drilling for base mounting



L 376 200 41
Male plugs with flanges and inserts

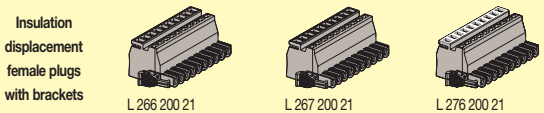


Part number

Spacing 7.62 mm Grey body
N. Poles 2 to 24 poles

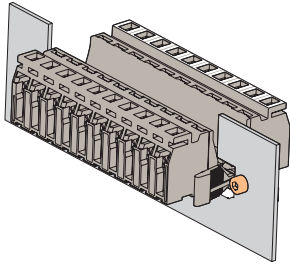
Consult us

Compatible products :

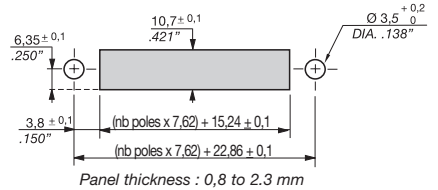


for panel feed-through mounting, with locking mechanism

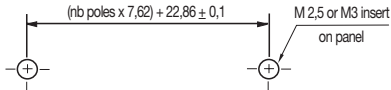
Panel feed-through mounting or base mounting



Drilling for panel feed-through mounting



Drilling for base mounting



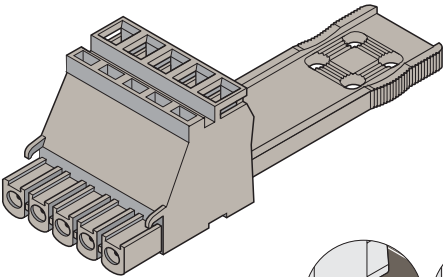
Accessories		
1	Cable clamp plug	Grey, 3 to 7 pole
2	Cable clamp plug	Grey, 8 to 16 pole
3	Manual tool	
4	Semi-automatic tool	
5	Pneumatic tool	
6	Strip marking	

Type	Part number
PT1 7,62 mm	1SSA 299 253 R0000
PT2 7,62 mm	1SSA 299 254 R0000
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
RB-12W7	1SNA 290 455 R0700

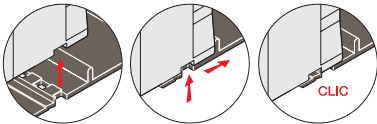
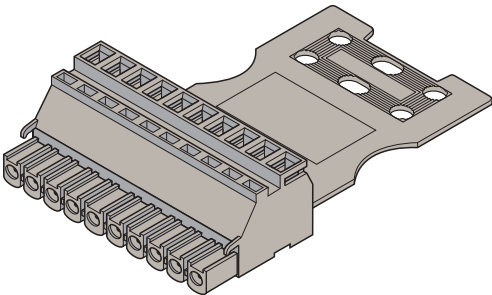
Type	Part number
PT1 7,62 mm	1SSA 299 253 R0000
PT2 7,62 mm	1SSA 299 254 R0000
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
RB-12W7	1SNA 290 455 R0700

Mounting of cable clamp plugs on ADO System® plugs spacing 7.62 mm

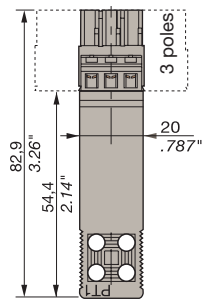
Version with PT1 cable clamp



Version with PT2 cable clamp

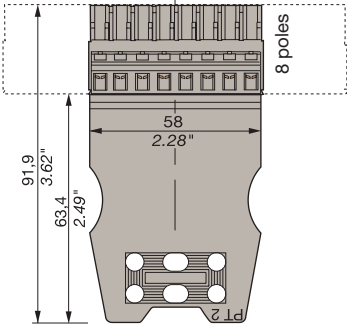


PT1 cable clamp
can be used on
products from
3 to 7 poles



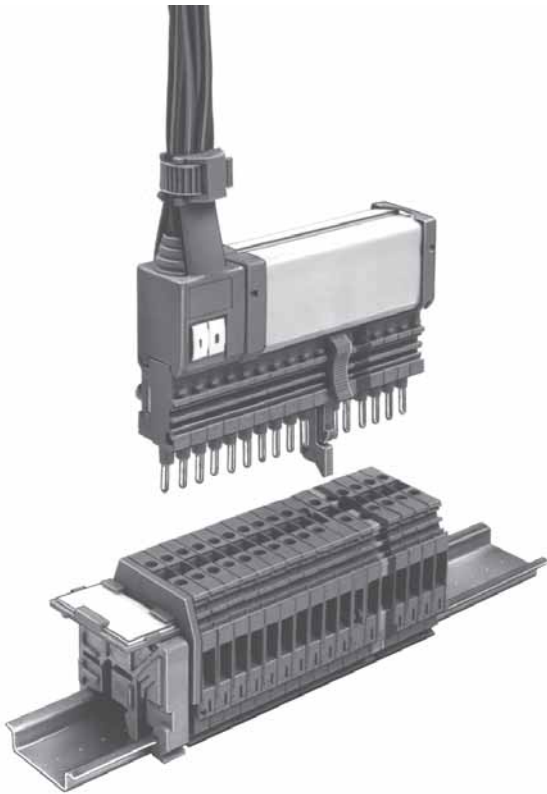
P/N : 1SSA 299 253 R0000

PT2 cable clamp
can be used on
products from
8 to 16 poles



P/N : 1SSA 299 254 R0000

Terminal block assembly modular connectors



This modular connector is assembled using standard components and is used with standard terminal blocks.

Applications include prewired harnesses to simplify field wiring by eliminating mistakes. Time saving.

The connector can be plugged-in on the top of the blocks for applications requiring frequent testing or disconnect (this application requires a block equipped with a test socket : see following pages).

The connector can be screwed in on the side of a standard block for applications requiring few disconnects and testing.

Wiring capacity of up to 12 AWG, protective cover and wire holder, and marking and keying make this unit very versatile and efficient.

Factory preassembled connectors are available on specification (connection of the plug on request).

Protective covers - see "components of protective covers"

on following pages

Reversible grey plastic body, cable-clamp included.

Plugs - see "Plugs components" on following pages

Made of connection elements, ground connection elements, and 1 or 2 key elements.

Sockets - see "Sockets components" on following pages

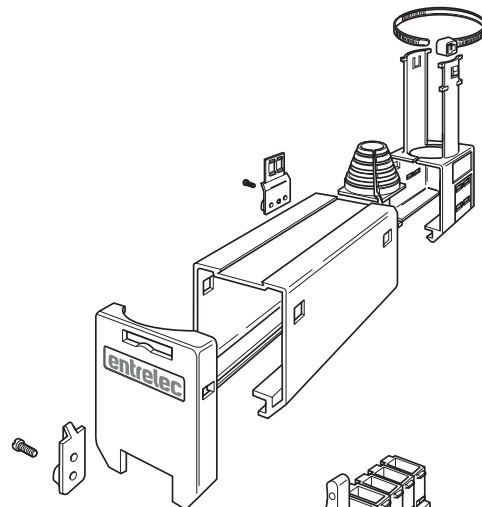
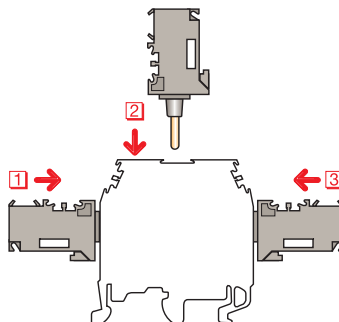
Made of terminal blocks, ground blocks equipped with a flexible test socket, and 1 or 2 key elements.

These blocks are equipped with a flexible contact for plugs insertion in position ②.

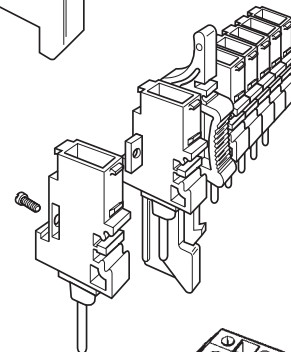
The blocks listed on following page are normally in stock. Other blocks can be equipped, on request, with the flexible contact (consult us).

3 mounting possibilities

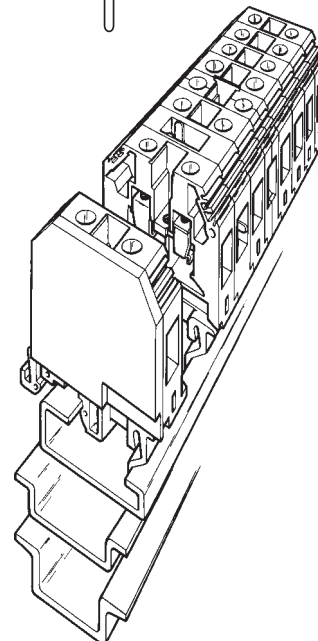
- It is possible to plug the connectors in position ② in blocks equipped with a flexible socket for 6, 8, 10 and 12 mm spacing sizes.
- It is possible to plug the connectors in position ① and ③ directly in the wires' place inside the wire clamps of terminal blocks type **M4/6**, **M6/8**, **M10/10**; the block type **M16/12** cannot be mounted this way.



✓ CPCP...
✓ CPCI



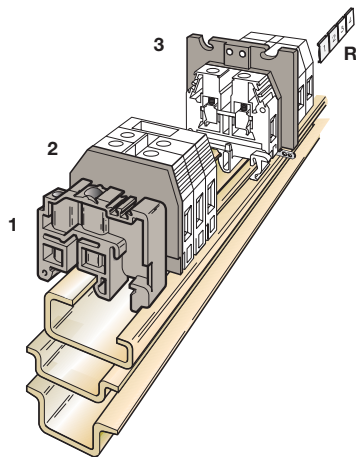
✓ CF
✓ CFP
✓ DM 6



✓ M 4/6.C
✓ M 4/6.PC
✓ M 6/8.C
✓ M 10/10.C
✓ M 16/12.C
✓ DF 6

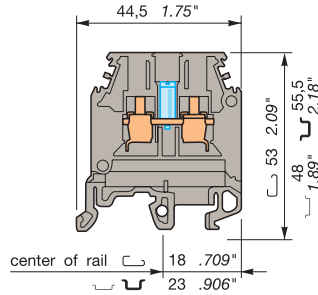
Socket components

DIN 1 - 3



M 4/6.C

Spacing 6 mm + 0,05 (.238")

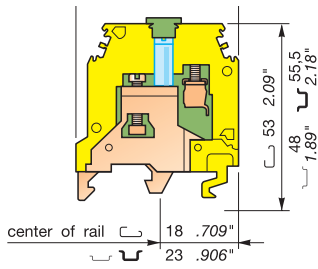


Grey **M 4/6.C** 1SNA 115 208 R0400

6 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

M 4/6.PC

Spacing 6 mm + 0,05 (.238")

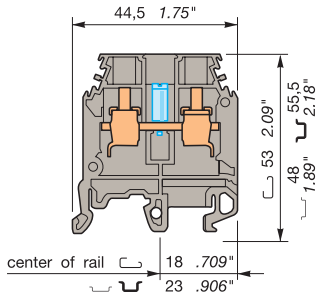


green/yellow **M 4/6.PC** 1SNA 165 294 R2400

6 mm ground block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

M 6/8.C

Spacing 8 mm - 0,05 (.315")



Grey **M 4/8.C** 1SNA 115 209 R0500

8 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

Characteristics

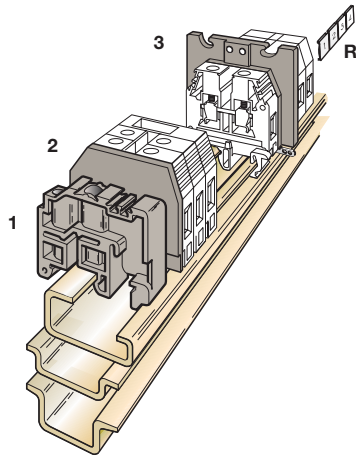
Wire size mm² / AWG		IEC			UL			CSA		
		NFC	DIN							
Rigid			0,2 - 4 mm²		22-10 AWG			22-10 AWG		
			0,2 - 4 mm²		22-10 AWG			22-10 AWG		
Rated voltage			800 V		600 V			600 V		
Rated current			32 A		30 A			25 A		
Rated wire size			4 mm²		10 AWG			10 AWG		
Wire strip. length - Recomm. screwdriver			9,5 mm / .37" - DIA. 4 mm / .157"					12 mm / .47" - DIA. 4 mm / .157"		
Recommended torque			0,5-0,8 Nm / 4.4-7.1 lb.in.					0,4-0,6 Nm / 3.5-5.3 lb.in.		

Accessories

1	End stop (all rails)		BAM	th. 9.1 mm	1SNA 103 002 R2600	BAM	th. 9.1 mm	1SNA 103 002 R2600	BAM	th. 9.1 mm	1SNA 103 002 R2600
2	End section	grey	FEM6	th. 2.8 mm	1SNA 118 368 R1600	FEM6	th. 2.8 mm	1SNA 103 062 R2100	FEM6	th. 2.8 mm	1SNA 118 368 R1600
		yellow									
3	Separator end section	grey	SCF6	th. 3.0 mm	1SNA 118 707 R0300	SCF6	th. 3.0 mm	1SNA 118 707 R0300	SCF6	th. 3.0 mm	1SNA 118 707 R0300
R	See section on markers	marking method	RC65 - RC610 <i>Other accessories, see standard blocks pages</i>			RC65 - RC610			RC65 - RC610 <i>Other accessories, see standard blocks pages</i>		

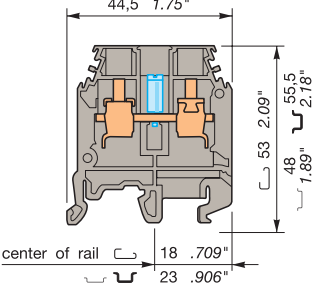
Socket components

DIN 1 - 3



M 10/10.C

Spacing 10 mm - 0,05 (.394")

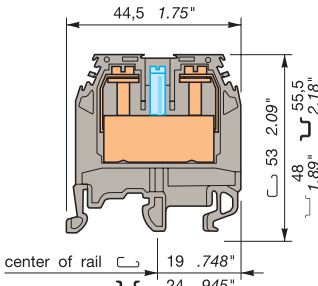


Grey **M 10/10.C** 1SNA 115 228 R2700

10 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

M 16/12.C

Spacing 12 mm - 0,1 (.473")

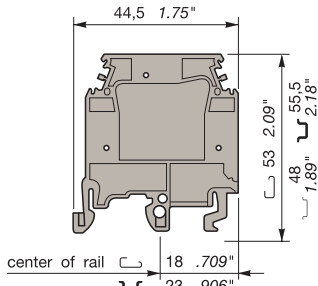


Grey **M 16/12.C** 1SNA 115 210 R2100

12 mm terminal block, equipped with a flexible test socket DIA. 2.5 mm .10" for connector.

DF 6

Spacing 6mm + 0.05 (.238")



Grey **DF 6** 1SNA 113 086 R0300

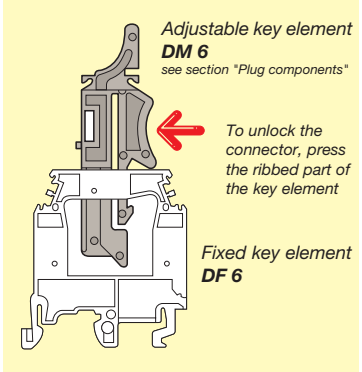
Key element snapped onto the rail, placed within the terminal blocks in the required place.
2 slots for markers.
Marking method ①

Characteristics

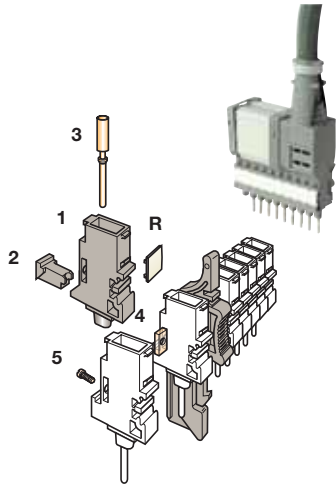
Wire size mm² / AWG		IEC			UL			CSA		
		NFC	DIN							
Rigid			0,5 - 16 mm²		20-6 AWG			18-6 AWG		
			0,5 - 10 mm²		20-6 AWG			18-6 AWG		
Rated voltage			800 V		600 V			600 V		
Rated current			57 A		65 A			70 A		
Rated wire size			10 mm²		6 AWG			6 AWG		
Wire strip. length - Recomm. screwdriver			12 mm / .47" - DIA. 5,5-6 mm / .217"-.238"					14 mm / .55" - DIA. 5,5 mm / .22"		
Recommended torque			1,2-1,4 Nm / 10.6-12.3 lb.in.					1,2-1,4 Nm / 10.6-12.3 lb.in.		

Accessories

1 End stop (all rails)			BAM	th. 9,1 mm	1SNA 103 002 R2600	BAM	th. 9,1 mm	1SNA 103 002 R2600		DF 6
2 End section	grey	FEM6	th. 2,8 mm	1SNA 118 368 R1600	FEM12	th. 3 mm	1SNA 118 618 R0100			
	yellow									
3 Separator end section	grey	SCF6	th. 3,0 mm	1SNA 118 707 R0300	SCF12	th. 3,0 mm	1SNA 113 102 R1000			
			Other accessories, see standard blocks pages				Other accessories, see standard blocks pages			
R See section on markers	marking method		RC65 - RC610 - RC810 - RC1010			RC65 - RC610 - RC810 - RC1010				

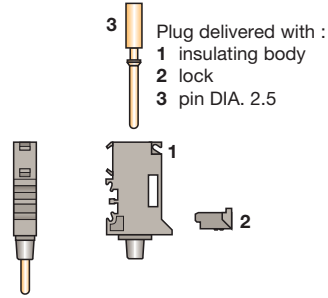


Plug components



CF

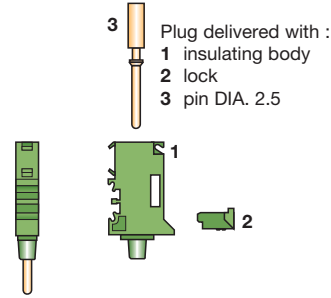
Spacing 6 mm + 0,05 (.238")



0.22-0.34 mm²	CF	1SNA 115 074 R1000
0.22-0.5 mm²	CF	1SNA 115 080 R1300
1.0 mm²	CF	1SNA 115 075 R1100
1.5 mm²	CF	1SNA 115 076 R1200
2.5 mm²	CF	1SNA 115 077 R1300
4.0 mm²	CF	1SNA 115 079 R2500

CFP

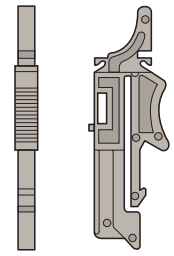
Spacing 6 mm + 0,05 (.238")



0.22-0.34 mm²	CFP	1SNA 105 007 R2500
0.22-0.5 mm²	CFP	1SNA 105 018 R2700
1.0 mm²	CFP	1SNA 105 008 R0600
1.5 mm²	CFP	1SNA 105 009 R0700
2.5 mm²	CFP	1SNA 105 010 R2300
4.0 mm²	CFP	1SNA 105 019 R2000

DM 6

Spacing 6 mm + 0,05 (.238")

Grey **DM 6** 1SNA 114 547 R1600

Adjustable key element to be mounted on the fixed key element **DF 6**. Slides on the assembly bar close to the plug elements in the required place (+ potential separators). Permits to polarize and lock the connector on the assembly.

Characteristics

Wire size mm² / AWG		IEC		UL/CSA	
		NFC	DIN	NFC	DIN
KY 30 and H05.VK H05.VK H07.VR or VK H07.VR or VK H07.VR or VK		0.22 - 0.34 mm²		22 - 22 AWG	
		0.22 - 0.5 mm²		22 - 20AWG	
		1.0 mm²		18 AWG	
		1.5 mm²		16 AWG	
		2.5 mm²		14 AWG	
		4.0 mm²		12 AWG	

Rated voltage

Rated current

Rated wire size

Wire stripping length

Components

Components		IEC		UL/CSA	
		NFC	DIN	NFC	DIN
1 Insulating body		SIC	grey	SIC	green
2 Lock		VRC	grey	VRC	grey
3 Pin DIA. 2,5 mm .10"		BRC	0,22 to 0,5 mm²	BRC	0,22 to 0,5 mm²
		BRC	1.0 mm²	BRC	1.0 mm²
		BRC	1.5 mm²	BRC	1.5 mm²
		BRC	2.5 mm²	BRC	2.5 mm²
		BRC	4.0 mm	BRC	4.0 mm

Accessories

Accessories		Type		Part numbers	
		see table hereunder		see table hereunder	
4 Assembly bar		BDA	see table hereunder	BDA	see table hereunder
5 Assembly screw		VSA	1SNA 164 408 R0600	VSA	1SNA 164 408 R0600
6 Separator	grey	IN10	th. 1.0 mm	IN10	th. 1.0 mm
(see section "Assembly")		IN16	th. 1.6 mm	IN16	th. 1.6 mm
		IN20	th. 2.0 mm	IN20	th. 2.0 mm
		IN24	th. 2.4 mm	IN24	th. 2.4 mm
R See section on markers	marking method	RC65 - RC610		RC65 - RC610	

BDA - Assembly bar

Plug components, separators and adjustable key elements slide on this bar.

BDA is defined regarding the required assembly. For this, calculate the length of these accessories in millimeters using the following formulas :

Assembly with 1 key element
not mounted at the end of the assembly

$$\text{Spacing (n-1) + 12}$$

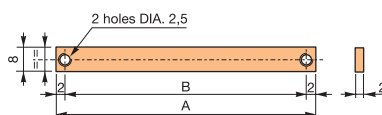
Assembly with 2 key elements
1 at each end of the assembly

$$\text{n (Spacing) + 12}$$

n = number of elements included into the plug
L = length of the plug

Machining diagram for bar processing by customer, supplied in length 1000 mm.

L mm	A mm	B mm	Bar BDA
24	22	18	1SNA 167 054 R2000
30	28	24	1SNA 167 055 R2100
36	34	30	1SNA 167 056 R2200
42	40	36	1SNA 167 057 R2300
48	46	42	1SNA 167 058 R0400
54	52	48	1SNA 167 059 R0500
60	58	54	1SNA 167 060 R0200
66	64	60	1SNA 167 061 R2700
72	70	66	1SNA 167 062 R2000
78	76	72	1SNA 167 063 R2100
84	82	78	1SNA 167 064 R2200
90	88	84	1SNA 167 065 R2300
96	94	90	1SNA 167 066 R2400
102	100	96	1SNA 167 067 R2500
108	106	102	1SNA 167 068 R0600
114	112	108	1SNA 167 069 R0700
120	118	114	1SNA 167 070 R0400
1000			1SNA 008 370 R2200



Assembly of a connector

Mounting an element

- 1 Crimp the wire in the pin,
- 2 Introduce the pin into the insulator,
- 3 Place the lock by pushing it completely (snaps in).

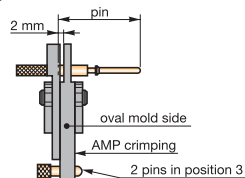
Removing the pin

- Unlatch the lock, using a screwdriver,
- Push back the pin.

Re-mounting of the element
(see "Mounting an element").

Crimping

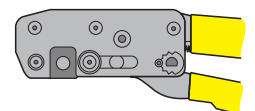
Use conductors of 0.22 to 0.34 mm² (24-22 AWG) and AMP crimping tool 46 256. Remove the positioning stops and use only the oval mold.



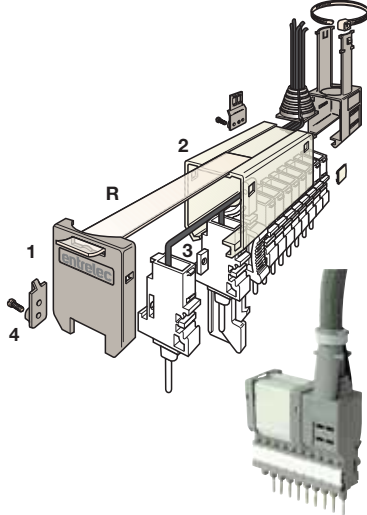
Conductors of 0.22 to 0.5 - 1 - 1.5 - 2.5 - 4 mm²

ABB Entelec crimping tool

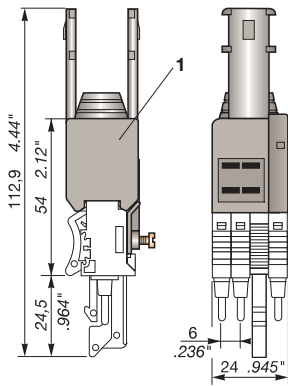
PSC 1SNA 173 181 R1300



Plastic protective cover components

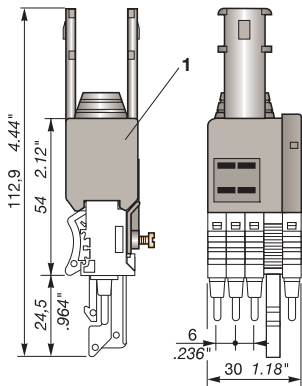


Min. mounting 24 mm .945"



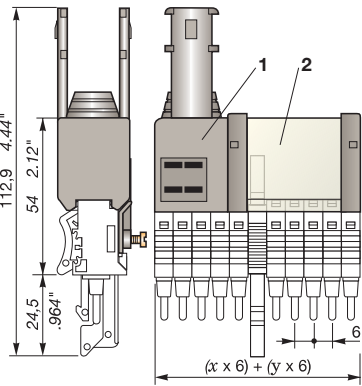
Grey CPCP4 1SNA 114 432 R0300
1 Cover sub-assembly

Mounting up to 30 mm 1.18"



Grey CPCP5 1SNA 114 431 R0200
1 Cover sub-assembly

Mounting beyond 30 mm 1.18"



Grey CPCP6 1SNA 114 430 R1500
1 Cover sub-assembly

Grey CPCI 2 Cover - see table with lengths of bars

Accessories

	Type	Part numbers	Type	Part numbers	Type	Part numbers
3 Mounting bar	BDA	to be ordered with the plug	BDA	to be ordered with the plug	BDA	to be ordered with the plug
4 Assembly screw	VSA	2 screws delivered with the cover sub-assembly	VSA	2 screws delivered with the cover sub-assembly	VSA	2 screws delivered with the cover sub-assembly
R Voir chapitre repérage mode	RC610		RC610		RC610 - RTM9	

Part numbers of covers and mounting bars

BDA and CPCI have to be defined regarding the required assembly. For this, calculate the length of these accessories in millimeters using the following formulas :

Assembly with 1 key element - not mounted at the end of the assembly (see page "Assembly")

Spacing (n-1) + 12

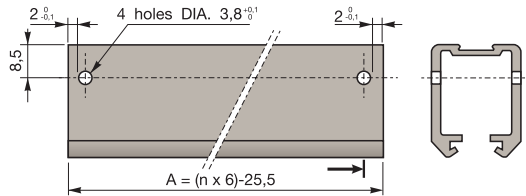
Assembly with 2 key elements - 1 at each end of the assembly (see page "Assembly")

n (Spacing) + 12

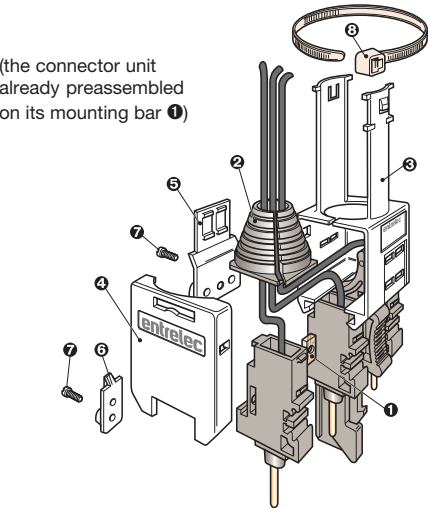
(n = number of plugs in the connector)

Length mm	Bar BDA	Cover 2 CPCI	Cover sub- 1 assembly CPCP...
24	1SNA 167 054 R2000	-	1SNA 114 432 R0300
30	1SNA 167 055 R2100	-	1SNA 114 431 R0200
36	1SNA 167 056 R2200	1SNA 114 353 R2300	1SNA 114 430 R1500
42	1SNA 167 057 R2300	1SNA 114 354 R2400	1SNA 114 430 R1500
48	1SNA 167 058 R0400	1SNA 114 356 R2600	1SNA 114 430 R1500
54	1SNA 167 059 R0500	1SNA 114 358 R0000	1SNA 114 430 R1500
60	1SNA 167 060 R0200	1SNA 114 359 R0100	1SNA 114 430 R1500
66	1SNA 167 061 R2700	1SNA 114 361 R2300	1SNA 114 430 R1500
72	1SNA 167 062 R2000	1SNA 114 375 R2100	1SNA 114 430 R1500
78	1SNA 167 063 R2100	1SNA 114 377 R2300	1SNA 114 430 R1500
84	1SNA 167 064 R2200	1SNA 114 380 R2300	1SNA 114 430 R1500
90	1SNA 167 065 R2300	1SNA 114 381 R1000	1SNA 114 430 R1500
96	1SNA 167 066 R2400	1SNA 114 383 R1200	1SNA 114 430 R1500
102	1SNA 167 067 R2500	1SNA 114 385 R1400	1SNA 114 430 R1500
108	1SNA 167 068 R0600	1SNA 114 390 R2500	1SNA 114 430 R1500
114	1SNA 167 069 R0700	1SNA 114 401 R1500	1SNA 114 430 R1500
120	1SNA 167 070 R0400	1SNA 114 404 R1000	1SNA 114 430 R1500
1000	1SNA 008 370 R2200	1SNA 114 427 R0600	1SNA 114 430 R1500

Machining diagram for cut of covers by the user, sold in length of 1000 mm.



Assembly of the cover on a connector unit up to 30 mm.

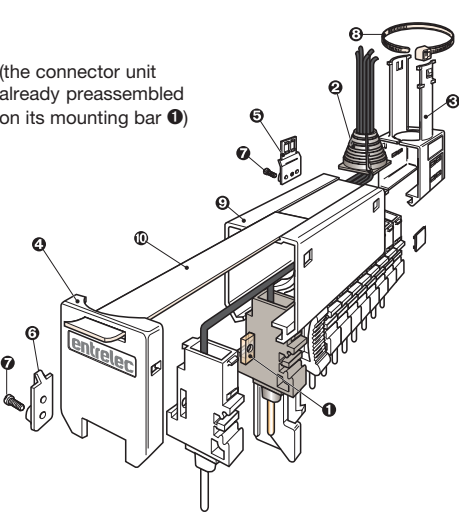


Assembly procedure

1. Cut the wire-guide 2 if necessary, to the required diameter and close it around the wire.
2. Place the wire-guide in the cover 3 taking care to orientate it correctly (ABBENTRELEC marking visible).
3. Slide the cover 3 over the elements.
4. Snap the cap 4 on the cover 3.
5. Snap part 5 on the cover 3 and tighten the assembly by the screw 7 facing the end piece.
6. Lock the cap 4 using part 6 and tighten the assembly by a screw 7.
7. Clamp the wire between the cable-clamp tags, using a wire tie 8, 4,6 mm to 9 mm wide.

Note : Please note that the cable clamp cover 3 and the cap 4 can be mounted either to the right or to the left of the connector unit.

Assembly of the cover on a connector unit beyond 30 mm.



Assembly procedure

1. Cut the wire-guide 2 if necessary, to the required diameter and close it around the wire.
2. Place the wire-guide in the cover 3 taking care to orientate it correctly (ABBENTRELEC marking visible).
3. Slide the cover 3 over the elements.
4. Slide the hood 9 over the elements until it latches on the cover 3.
5. Snap the cap 4 onto the hood 9.
6. Snap part 5 on the cover 3 and tighten the assembly by a screw 7 facing the end piece.
7. Lock the cap 4 using part 6 and tighten the assembly by a screw 7.
8. Clamp the wire between the cable-clamp tags, using a polyamid wire tie 8, 4,6 mm to 9 mm wide.
9. Mark the hood 9 if required, using the blank strip 10 for manual inscriptions.

Assembly

The spacing of the connector assembly is determined in function of the thickness of the plug elements : 6 mm. This spacing increases using separators **IN** to be located between the elements up to 8, 10 or 12 mm spacings.
To get these spacings, see examples hereunder in function of the number of key elements : 1 or 2 (n is the number of elements in the connector).

Example :

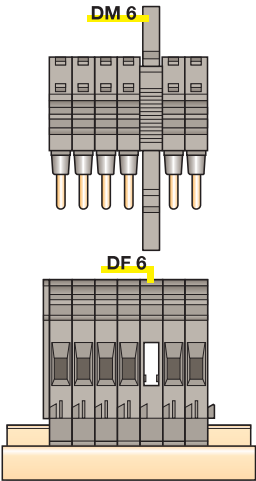
Separators	Number
IN10	= 2
IN20	= n-2

IN - Grey separator

IN10	1SNA 113 112 R0100	th. 1,0 mm
IN16	1SNA 113 114 R0300	th. 1,6 mm
IN20	1SNA 113 115 R0400	th. 2,0 mm
IN24	1SNA 113 116 R0500	th. 2,4 mm

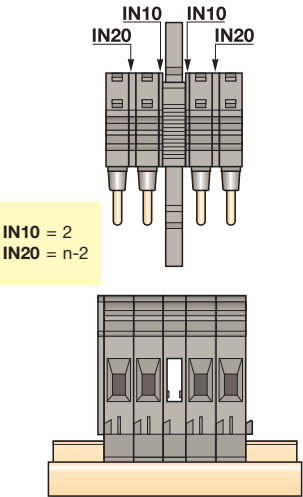
Assembly spacing 6 mm

with 1 key element DM 6
NOT MOUNTED AT THE END OF THE ASSEMBLY



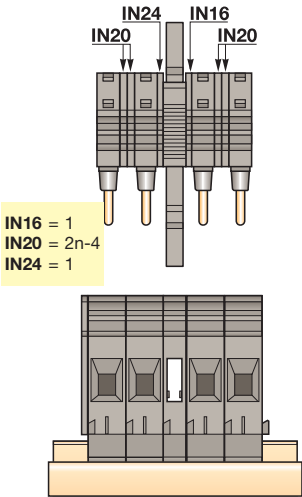
Assembly spacing 8 mm

with 1 key element DM 6
NOT MOUNTED AT THE END OF THE ASSEMBLY



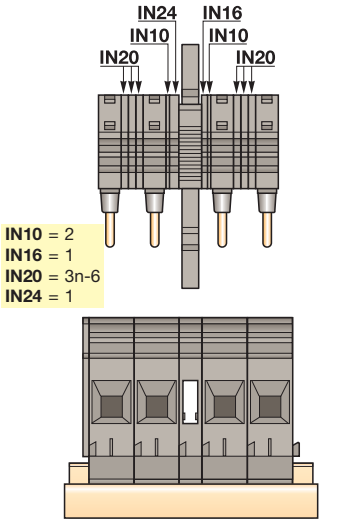
Assembly spacing 10 mm

with 1 key element DM 6
NOT MOUNTED AT THE END OF THE ASSEMBLY

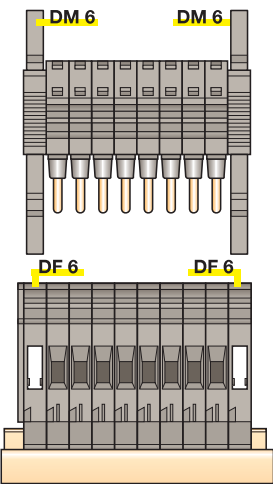


Assembly spacing 12 mm

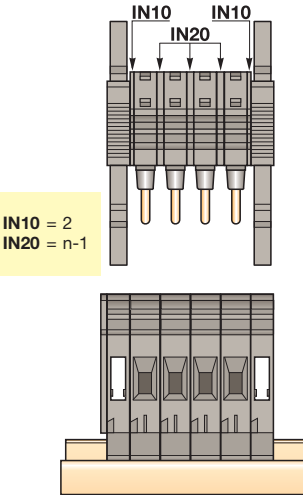
with 1 key element DM 6
NOT MOUNTED AT THE END OF THE ASSEMBLY



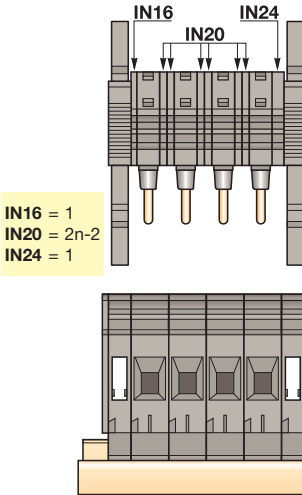
with 2 key elements DM 6
1 AT EACH END OF THE ASSEMBLY



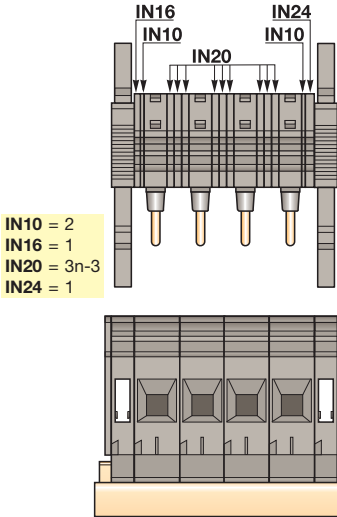
with 2 key elements DM 6
1 AT EACH END OF THE ASSEMBLY



with 2 key elements DM 6
1 AT EACH END OF THE ASSEMBLY

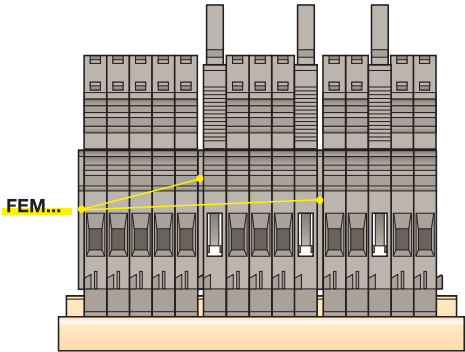


with 2 key elements DM 6
1 AT EACH END OF THE ASSEMBLY



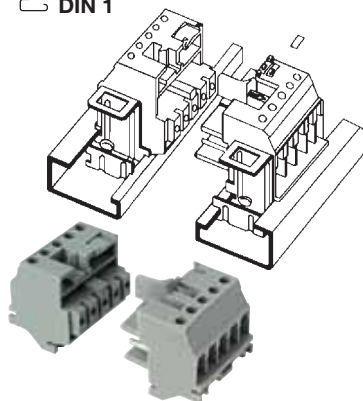
IMPORTANT NOTE

When two or several connectors are located side by side, it is necessary to separate, with an end section, the groups of terminal blocks linked with each socket of connectors, so that nothing interferes with removal of one of the connectors.



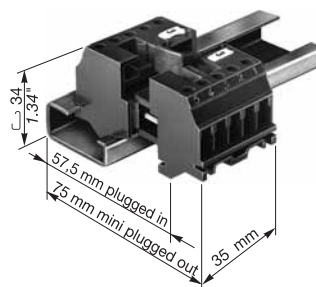
Connectors

↳ DIN 1



- Pin DIA. 2 mm with patented flexible contact
- Key element device
- Locking in plugged position
- Double adjustment on rail

CF 4/5



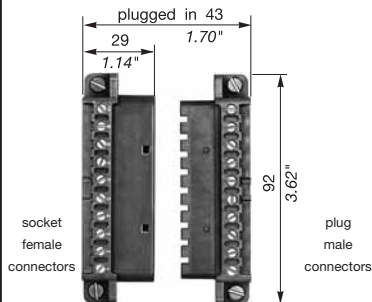
Slides on PR1 DIN rail

5 circuits with screw clamp connection

Grey ■ **CF 4/5** 1SNA 115 028 R1200
Female part only

Grey ■ **CF 4/5** 1SNA 115 029 R1300
Male part only

CF 4/10



delivered with fixing screw CM4/12 + nuts.

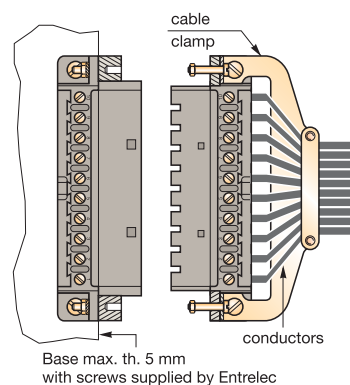
10 circuits with screw clamp connection

Grey ■ **CF 4/10** 1SNA 115 050 R2400
Socket (female connectors)

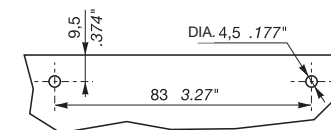
Grey ■ **CF 4/10** 1SNA 115 051 R1100
Plug (male connectors)

Mounting

Flat view



DRILLING



Wire size

Conductors	H07 V-R
CENELEC	H07 V-K
Wire strip. length - Recom. screwdriver	

screw clamp mm²

0,5 - 4
0,5 - 4
7 mm - DIA. 4

screw clamp mm²

0,5 - 4
0,5 - 4
7 mm DIA. 4

Electrical characteristics

UTE - NFC 20040 Cat. C - NFC 63065
VDE - 0110 Group C - 0100 Group 2
CSA - 22-2 N° 14

~ Un V =

500
500 600
300

In A

30
27
25

Sn mm²

4
4
12 AWG

~ Un V =

400 250
500 600
300

In A

20
20
20

Sn mm²

4
4
12 AWG

Approvals



Accessories

- 1 Rail 32 x 15 x 1,5
 - 2 End stop
- Positive locking
(1 per full connector)
- Straight short model cable clamp for flat cable (1 per plug or socket)
- Bent cable clamp for flat cable (1 per plug or socket)
- Coding pin (flat mount, 1 per full connector)
- Coding pin (base mount, 1 per full connector)

Type	Part numbers
PR122	1SNA 163 050 R0400
BAE	th. 10 mm 1SNA 164 519 R2400

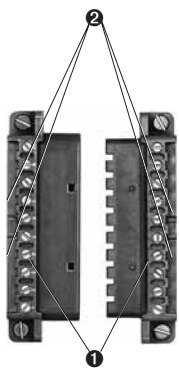
Type	Part numbers
VP	1SNA 168 279 R2700
STD1P	1SNA 168 275 R1300
STIP	1SNA 168 276 R1400
PC1	1SNA 173 703 R0600
PC2	1SNA 174 559 R0600

R Marking

method

see below

Marking



- 1 "Plugs and sockets have moulded premarking."

2 REH2

REH2

Stickers
5 x 3,5 mm

Card of 1140 precut stickers

✓ Blank

REH2 1SNA 163 142 R2100

✓ Printed

8 séries de 001 à 140

REH2 1SNA 163 143 R2200

✓ Printed

8 series from 141 to 280

REH2 1SNA 163 148 R0700

Card of 300 precut stickers

✓ Printed

30 series from 001 to 010

REH2 1SNA 164 505 R2700

✓ Printed

15 series from 001 to 020

REH2 1SNA 164 506 R2000

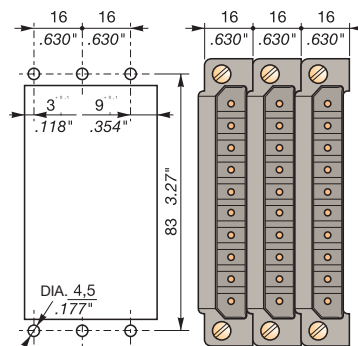
Card of 502 precut stickers

✓ Printed

6 series from 001 to 075
+ 2 series from A to Z

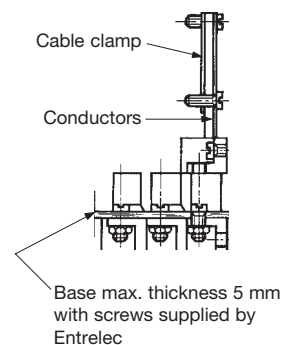
REH2 1SNA 164 507 R2100

DRILLING



Cross

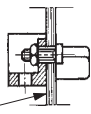
JUXTAPOSABLE



Mounting (cont.)

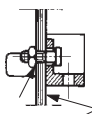
Bottom of drawer

Fixed mounting for plug



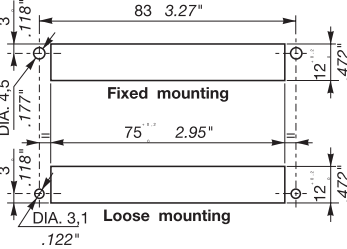
Base max. thickness 5 mm with screws supplied by Entelec

Loose mounting for socket see accessories



Base max. thickness 4 mm

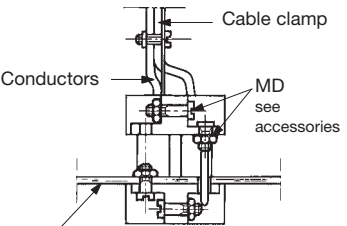
DRILLING



Fixed mounting

Loose mounting

Double mounting (20 points)



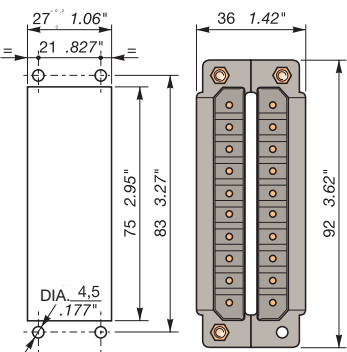
Cable clamp

Conductors

MD see accessories

Base max. thickness 5 mm with screws supplied by Entelec

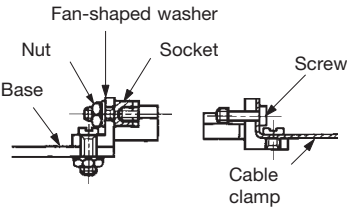
DRILLING



Accessories

VP Positive locking

VP 1SNA 168 279 R2700



Fan-shaped washer

Nut

Socket

Base

Screw

Cable clamp

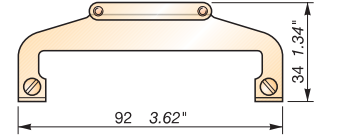
Mounting :
Mount the socket, the fan-shaped washer and the nut on the plug socket after fixing it on the base.

Mount the screw on the plug after fixing it on the potential cable clamp.

The positive locking cannot be used in a bottom of drawer, double or alley mounting.

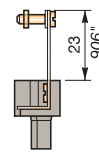
STD Straight cable clamp

Short model



92 3.62"

34 1.34"

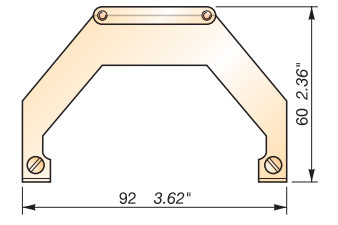


23 .906"

For flat cable

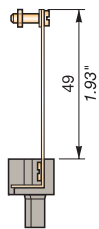
STD1P 1SNA 168 275 R1300

Long model



92 3.62"

60 2.36"

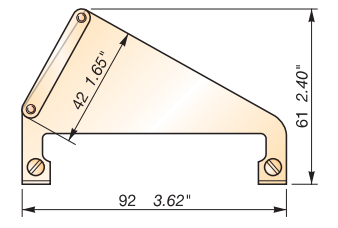


49 1.93"

For flat cable

STD2P 1SNA 173 596 R1300

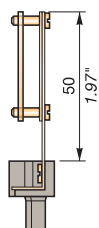
STI Bent cable clamp



92 3.62"

61 2.40"

42 1.65"



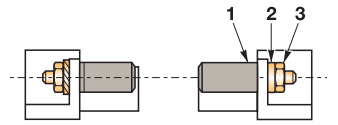
50 1.97"

For flat cable

STIP 1SNA 168 276 R1400

PC Coding pins

Flat mounting with coding



1 2 3

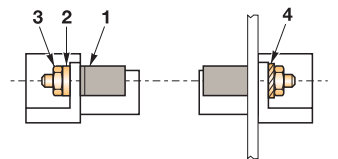
PC1 1SNA 173 703 R0600

1 Encoder

2 Fan-shaped washer

3 HM4 nut

Cross mounting with coding



3 2 1 4

PC2 1SNA 174 559 R0600

1 Encoder

2 Flat washer (to be mounted on the moving side)

3 HM4 nut

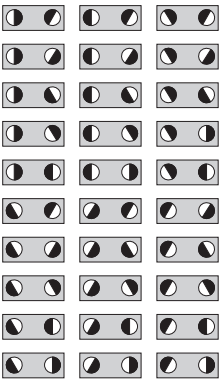
4 Fan-shaped washer

Coding details are the same for these two types of coding.

Each pin can be positioned in 6 different ways.

The positions shown hereunder are for coding pins on socket or plug ; put the coding pins in the reverse position on corresponding socket or plug.

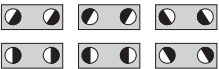
Part coding details



In some cases depending on the positions chosen, polarization of the connector is made by one coding pin only.

Ex : 

6 cases of total coding



Polarization is made by 2 coding pins.



Terminal blocks

F - Other connection technologies

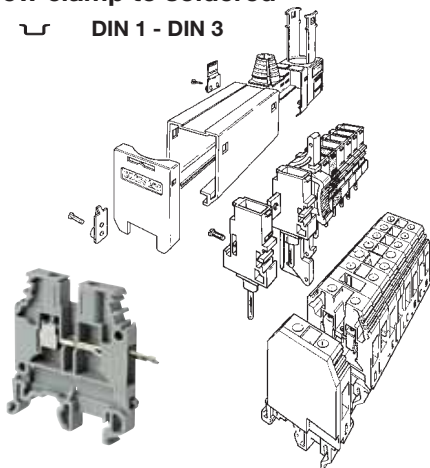
Summary

1. Soldered connection	348
2. Quick-connect terminal blocks	355
3. Wire wrapping connection	366
4. Wire lug connection	374

Soldered terminal blocks

Screw clamp to soldered

DIN 1 - DIN 3



The terminal blocks M 4/6.H.C are equipped with a test socket DIA. 2,5 mm/.10" for connector described in the section "connectors".

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail	35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail	32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

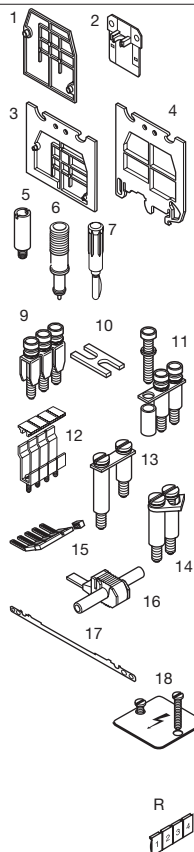
Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.



Outputs : Screw clamp - alternately high or low solder tabs.

Accessories

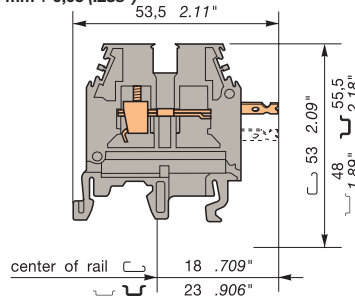


1	End section	grey
2	Circuit separator	grey
3	Separator end section (block)	grey
4	Separator end section (rail)	
5	Test socket	
6	Test device	
7	Test plug	
9	Assembled jumper bar	32 A
	Jumper bar not assembled	32 A
	(with IP 20 protection)	32 A
		32 A
		32 A
10	Connector plate	35 A
11	Jumper bar not assembled	32 A
	Post + screw + washer IP20	
12	Alternated jumper bar	32 A
13	Universal jumper bar	32 A
14	Pivoting jumper bar	35 A
15	Comb-type jumper bar	
	Insulating tip	
16	IDC jumper	24 A
17	Shield connector	
18	Protection label	

R See section on markers marking method

M 4/6.H...

Spacing 6 mm + 0,05 (.238")



6 mm block, outputs : screw clamp to soldered.

CEB

CE

Colour	Type	Part numbers
Grey	M 4/6.H	1SNA 115 176 R1300
Blue	M 4/6.H.N	1SNA 125 176 R1500

Characteristics

Wire size	NFC	DIN	UL	CSA
Screw clamp	Rigid	0,2-4 mm ²		
	Flexible	0,22-4 mm ²		
Soldered	Rigid	0,5-1,5 mm ²		
	Flexible	0,5-1 mm ²		

Voltage

Rated	500 V Gr.C (1)
Impulse withstand	
Pollution degree	

Current

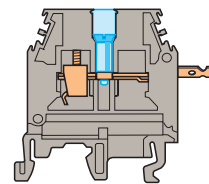
Rated	20 A
-------	------

Wire size

Rated		1,5 mm ²			
Wire stripping length		Recomm. screwdriver	Recomm. torque		Protection
9,5 mm		4 mm	0,5-0,8 Nm		IP 20 (1)
.37"		.16"	4.4-7.1 lb.in		NEMA 1

M 4/6.H.C

Spacing 6 mm + 0,05 (.238")



M 4/6.H closed block equipped with a flexible test socket DIA.2,5 mm/.10" for connector. Outputs : screw clamp to soldered.

Colour	Type	Part numbers
Grey	M 4/6.H.C	1SNA 115 369 R0400

Characteristics

Wire size	NFC	DIN	UL	CSA
Screw clamp	Rigid	0,2-4 mm ²		
	Flexible	0,22-4 mm ²		
Soldered	Rigid	0,5-1,5 mm ²		
	Flexible	0,5-1 mm ²		

Voltage

Rated	500 V Gr.C (1)
Impulse withstand	
Pollution degree	

Current

Rated	20 A
-------	------

Wire size

Rated		1,5 mm ²			
Wire stripping length		Recomm. screwdriver		Recomm. torque	
9,5 mm		4 mm		0,5-0,8 Nm	
.37"		.16"		4.4-7.1 lb.in	
				IP 20 (1)	
				NEMA 1	

Type	Part numbers
FEM6	th. 2,8 mm 1SNA 118 368 R1600
SCM6	1SNA 113 003 R1000
SCF6	th. 3 mm 1SNA 118 707 R0300
SCFM6	th. 3 mm 1SNA 114 825 R0500
SCFEX1	1SNA 103 619 R0400
SCFEX3	1SNA 103 620 R0100
AL2 (2)	DIA. 2 mm 1SNA 163 043 R2100
AL3 (2)	DIA. 3 mm 1SNA 163 261 R0000
DCJ	yellow 1SNA 173 059 R0300
FC2	DIA. 2 mm 1SNA 007 865 R2600
BJMI6 (2)	2 poles 1SNA 176 663 R0000
BJMI6 (2)	3 poles 1SNA 176 664 R0100
BJMI6 (2)	4 poles 1SNA 176 665 R0200
BJMI6 (2)	5 poles 1SNA 176 666 R0300
BJMI6 (2)	10 poles 1SNA 176 667 R0400
EL6	1SNA 173 627 R2100
BJS6 (2) (3)	20 poles 1SNA 174 784 R2000
EV6I	1SNA 206 394 R0200
BJA6 (2)	1SNA 116 541 R1200
BJDP (2)	(see access.)
BJP6	1SNA 174 413 R1400
PC6 (3)	10 poles 1SNA 113 548 R2600
EIP	1SNA 113 550 R2400
AD2,5	1SNA 114 205 R2000
CBM5	th. 0,5 mm 1SNA 178 745 R1400
CBM8	th. 0,8 mm 1SNA 178 746 R1500
EP6	1SNA 163 427 R1700

Type	Part numbers
FEM6	th. 2,8 mm 1SNA 118 368 R1600
SCM6	1SNA 113 003 R1000
SCF6	th. 3 mm 1SNA 118 707 R0300
SCFM6	th. 3 mm 1SNA 114 825 R0500
SCFEX1	1SNA 103 619 R0400
SCFEX3	1SNA 103 620 R0100
AL2 (2)	DIA. 2 mm 1SNA 163 043 R2100
AL3 (2)	DIA. 3 mm 1SNA 163 261 R0000
DCJ	yellow 1SNA 173 059 R0300
FC2	DIA. 2 mm 1SNA 007 865 R2600
BJDP (2)	(see access.)
BJP6	1SNA 174 413 R1400
PC6 (3)	10 poles 1SNA 113 548 R2600
AD2,5	1SNA 114 205 R2000
CBM5	th. 0,5 mm 1SNA 178 745 R1400
CBM8	th. 0,8 mm 1SNA 178 746 R1500
EP6	1SNA 163 427 R1700

RC65 - RC610

RCT610

RC65 - RC610

Note : (1) Ratings given for soldered tabs protected by insulating sleeves covered by at least 6 mm/.24" of insulation.
(2) A circuit separator SC may be required with the use of these accessories.
(3) For other numbers of poles, see accessories

Double deck terminal blocks

Screw clamp to soldered

DIN 1 - DIN 3

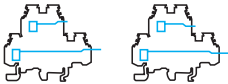


End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

* When mounting these blocks, the soldered outputs must be alternated : one high output, one low output.

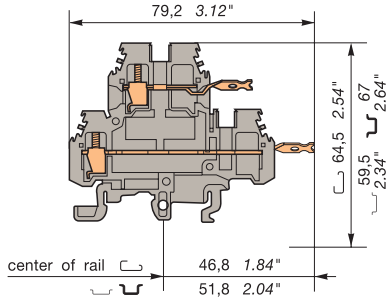


Accessories

	1	End section	grey
	2	Circuit separator	grey
	3	Separator end section	grey
	4	Test socket	
	5	Test device	
	6	Test plug	
	8	Assembled jumper bar (with IP 20 protection)	
	9	Connector plate	
	10	Jumper bar not assembled	
	11	Pivoting jumper bar	
	12	Comb-type jumper bar	
	13	IDC jumper	
	14	Vertical interconnection	
	15	Shield connector	
	R	See section on marking method	

M 4/6.D2.H

Spacing 6 mm + 0,05 (.238")



6 mm block.
Outputs : Screw clamp to soldered

Colour	Type	Part numbers	Colour	Type	Part numbers
Grey body / High soldered outputs		M 4/6.D2.H * 1SNA 115 301 R2100			
Grey body / Low soldered outputs		M 4/6.D2.H * 1SNA 115 302 R2200			

Characteristics					Characteristics				
Wire size					Wire size				
		NFC DIN	UL	CSA			NFC DIN	UL	CSA
Screw clamp soldered	Rigid	0,2-4 mm²			Screw clamp Soldered	Rigid			
	Flexible	0,22-4 mm²				Flexible			
	Rigid	0,5-1,5 mm²				Rigid			
	Flexible	0,5-1 mm²				Flexible			
Voltage					Voltage				
Rated		250 VGr.C (3)			Rated				
Impulse withstand					Impulse withstand				
Pollution degree					Pollution degree				
Current					Current				
Rated		20 A			Rated				
Wire size					Wire size				
Rated		1,5 mm²			Rated				
Wire stripping length (screw)	Recomm. screwdriver (screw)	Recomm. torque (screw)	Protection		Wire stripping length (screw)	Recomm. screwdriver (screw)	Recomm. torque (screw)	Protection	
8,5 mm	4 mm	0,5-0,8 Nm	IP 20 (3)						
.33"	.16"		NEMA 1						

Type	Part numbers	Type	Part numbers
FEM6D	th. 1 mm 1SNA 118 499 R2300		
FEM6D	th. 1 mm 1SNA 128 499 R2500		
SCM6D	1SNA 113 482 R0500		
SCF6D	th. 1 mm 1SNA 118 495 R1700		
AL2 (1)	DIA.2 mm 1SNA 163 070 R0000		
AL3 (1)	DIA.3 mm 1SNA 163 261 R0000		
DCG	grey 1SNA 163 218 R0500		
FC2	DIA.2 mm 1SNA 007 865 R2600		
BJMI6D (1)	2 poles 1SNA 179 668 R2000		
BJMI6D (1)	3 poles 1SNA 179 669 R2100		
BJMI6D (1)	4 poles 1SNA 179 670 R2600		
BJMI6D (1)	5 poles 1SNA 179 671 R1300		
BJMI6D (1)	10 poles 1SNA 179 672 R1400		
EL6	1SNA 173 627 R2100		
BJS61 (1)	10 poles 1SNA 168 485 R2700		
BJP61	1SNA 167 225 R2000		
PC61	10 poles 1SNA 163 311 R2200		
AD 2,5	1SNA 114 205 R2000		
ITV6	1SNA 168 962 R0400		
CBM 5D	th. 0,5 mm 1SNA 173 530 R2400		
RC65 - RC610 RCT610			

Note : (1) A circuit separator **SC** may be required with the use of these accessories.
(2) The use of these accessories requires the user to cut out the partition.
(3) Ratings are given for alternated blocks and for soldered tabs protected by insulating sleeves.

Soldered terminal block

Soldered to soldered

 DIN 1 - DIN 3

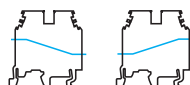


End stop		th. 9 mm	BADL	V0	1SNA 399 903 F0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 F1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 F0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 F1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 F1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 F2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 F0400

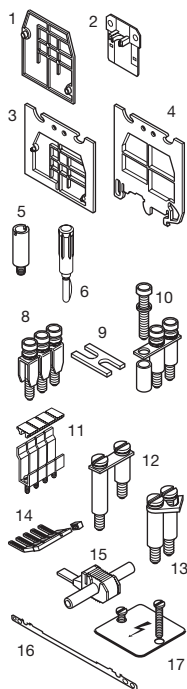
Other end stops, rails and accessories : see section on accessories.

Notes

Outputs : soldered to soldered alternately high or low solder tabs



Accessories



1	End section	grey
2	Circuit separator	grey
3	Separator end section (block)	grey
4	Separator end section (rail)	
5	Test socket	
6	Test plug	
8	Assembled jumper bar (with IP 20 protection)	32 A 32 A 32 A 32 A
9	Connector plate	35 A
10	Jumper bar not assembled Post + washer + captive screw	32 A IP20
11	Alternated jumper bar	32 A
12	Universal jumper bar	
13	Pivoting jumper bar	35 A
14	Comb-type jumper bar Insulating tip	
15	IDC jumper	24 A
16	Shield connector	
17	Protection label	

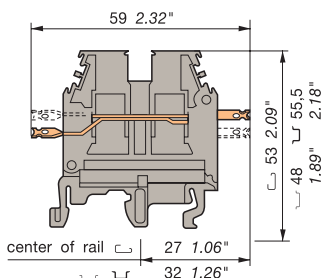
R See section on markers
marking method

1



M 1,5/6.HH

Spacing 6 mm + 0,05 (.238")



Unit of 10 blocks spacing 6 mm.

Unit or 10 blocks spacing 6 mm.
Outputs : soldered to soldered alternately high or low
solder tabs.



Colour	Type	Part number	Colour	Type	Part number
Grey body					
☐	M 1.5/6.HH	1SNA 115 232 R1300			

Characteristics

Wire size		NFC DIN	UL	CSA
Soldered	Rigid	0,5-1,5 mm ²		
	Flexible	0,5-1 mm ²		

Voltage

Rated	500 VGr.C (1)		
Impulse withstand			
Pollution degree			

Current

Rated	20 A		
-------	------	--	--

Wire size

Rated	1,5 mm ²		
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
			IP 20 (1) NEMA 1

Characteristics

Wire size		NFC DIN	UL	CSA
Soldered	Rigid			
	Flexible			

Voltage

Rated			
Impulse withstand			
Pollution degree			

Current

Rated			
-------	--	--	--

Wire size

Rated			
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection

Type		Part numbers	Type	Part numbers
FEM6	th. 2,8 mm	1SNA 118 368 R 1600		
SCM6		1SNA 113 003 R 1000		
SCF6	th. 3 mm	1SNA 118 707 R 0300		
SCFM6	th. 3 mm	1SNA 114 825 R 0500		
SCFEX1		1SNA 103 619 R 0400		
SCFEX3		1SNA 103 620 R 0100		
AL2 (2)	DIA. 2 mm	1SNA 163 043 R 2100		
AL3 (2)	DIA. 3 mm	1SNA 163 261 R 0000		
FC2	DIA. 2 mm	1SNA 007 865 R 2600		
BJMI6 (2)	2 poles	1SNA 176 663 R 0000		
BJMI6 (2)	3 poles	1SNA 176 664 R 0100		
BJMI6 (2)	4 poles	1SNA 176 665 R 0200		
BJMI6 (2)	5 poles	1SNA 176 666 R 0300		
BJMI6 (2)	10 poles	1SNA 176 667 R 0400		
EL6		1SNA 173 627 R 2100		
BSJ6 (2) (3)	20 poles	1SNA 174 784 R 2000		
EV6I		1SNA 206 394 R 0200		
BJA6 (2)		1SNA 116 541 R 1200		
BJDP (2)		(see access.)		
BJP6		1SNA 174 413 R 1400		
PC6 (3)	10 poles	1SNA 113 548 R 2600		
EIP		1SNA 113 550 R 2400		
AD2,5		1SNA 114 205 R 2000		
CBM5	th. 0,5 mm	1SNA 178 745 R 1400		
CBM8	th. 0,8 mm	1SNA 178 746 R 1500		
EP6		1SNA 163 427 R 1700		

Note: (1) Ratings given for soldered tabs protected by insulating sleeves covered by at least 6 mm/.24" of insulation.
(2) A circuit separator **SC** may be required with the use of these accessories.
(3) For other numbers of poles, see accessories

Double deck terminal blocks

Soldered to soldered

 DIN 1 - DIN 3

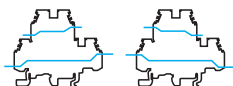


End stop		th. 12 mm	BADH	V2	1SNA 116 900 P2700
End stop		th. 9,1 mm	BAMH	V2	1SNA 114 836 P0000
End stop		th. 9,1 mm	BAMH V0	V0	1SNA 194 836 P0100
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 P1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 P1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 P2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 P0400

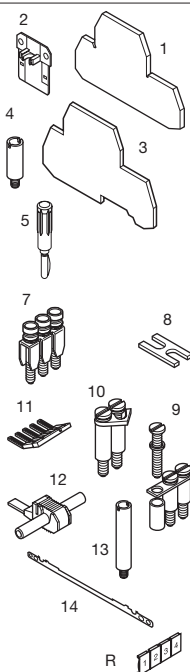
Other end stops, rails and accessories : see section on accessories.

Notes

** When mounting these blocks, the soldered outputs must be alternated : on high output, one low output..*



Accessories



1	End section	grey blue
2	Circuit separator	grey
3	Separator end section	grey
4	Test socket	
5	Test plug	
7	Assembled jumper bar (with IP 20 protection)	
8	Connector plate	
9	Jumper bar not assembled	
10	Pivoting jumper bar	
11	Comb-type jumper bar	
12	IDC jumper	
13	Vertical interconnection	
14	Shield connector	

R See section on markers
marking method

M 1,5/6.D2.HH

Spacing 6 mm + 0,05 (.238")

93 3.66"

64.5 2.54"

67 2.64"

59.5 2.34"

center of rail 46.8 1.84"

51.8 2.04"

6 mm block.  51,8 2.04"
Outputs : soldered to soldered alternately high or low
solder tabs.

	CE		CE
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Colour	Type	Part numbers	Colour	Type	Part numbers
Grey body / High soldered outputs					
☐	M 1,5/6.D2.HH *	1SNA 115 303 P2300			
Grey body / Low soldered outputs					
☐	M 1,5/6.D2.HH *	1SNA 115 304 P2400			

Characteristics

Wire size		NFC DIN	UL	CSA	Wire size		NFC DIN	UL	CSA
Screw clamp	Rigid	0,5-1,5 mm²			Screw clamp	Rigid			
	Flexible	0,5-1 mm²				Flexible			

Voltage

Rated	250 VGr.C (3)			Rated			
Impulse withstand				Impulse withstand			
Pollution degree				Pollution degree			

Current

Rated	20 A			Rated			
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Wire size

Rated / Gauge	1,5 mm ²			Rated / Gauge			
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Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection

Type	Part numbers	Type	Part numbers
------	--------------	------	--------------

FEM6D	th. 1 mm	1SNA 118 499 R2300
FEM6D	th. 1 mm	1SNA 128 499 R2500
SCM6D		1SNA 113 482 R0500
SCF6D	th. 1 mm	1SNA 118 495 R1700
AL2 (1)	DIA2 mm	1SNA 163 070 R0000
AL3 (1)	DIA3 mm	1SNA 163 261 R0000
FC 2	DIA2 mm	1SNA 007 865 R2600

BJMI6D (1)	2 poles	1SNA 179 668 R200
BJMI6D (1)	3 poles	1SNA 179 669 R2100
BJMI6D (1)	4 poles	1SNA 179 670 R2600
BJMI6D (1)	5 poles	1SNA 179 671 R1300
BJMI6D (1)	10 poles	1SNA 179 672 R1400
EL6		1SNA 173 627 R2100
BJS61 (1)	10 poles	1SNA 168 485 R2700
BJP61		1SNA 167 225 R2000
PC61	10 poles	1SNA 163 311 R2200
AD 2,5		1SNA 114 205 R2000
ITV6		1SNA 168 926 R0400
CBM 5D	th. 0,5 mm	1SNA 173 530 R2400

RC65 - RC610 RCT610

Note : (1) A circuit separator SC may be required with the use of these accessories.
(2) Use of these accessories requires the user to cut out the partition.
(3) Ratings are given for alternated blocks and for soldered tabs protected by insulating sleeves.

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 P1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 P1000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 500 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 P2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 P0400

Other end stops, rails and accessories: see section on accessories.

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

R



R See section on markers
marking method

**Spacing 6 mm
+0,05 (.238")**

open blade

54.5 2.15"

closed blade

66.2.59"

61 68.5
└─┬─┘
2.40" 2.69"

57.2.24"

52 59.5
└─┬─┘
2.05" 2.34"

center of rail

28.1.10"

33.1.30"

6 mm block - switch connection by blade.



Colour	Type	Part number
Grey body with orange blade 	M 4/6.SNB.H	1SNA 115 493 P0200

Wire size		NFC	DIN	UL	CSA
Screw clamp	Rigid	0,5-4 mm ²			
	Flexible	0,5-4 mm ²			
Soldered	Rigid	0,5-1,5 mm ²			
	Flexible	0,5-1 mm ²			

Rated	250 VGr.C (1)(2)		
Impulse withstand			
Pollution degree			

Rated	10 A		
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Rated	1 mm ²		
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Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm .374"	4 mm .157"	0,5-0,8 Nm 4.4-7.1 <i>lb.in</i>	

[illegible]

6 mm block - switch connection by blade + test sockets.



Colour	Type	Part number
Grey body	M 4/6.SNBT.H	1SNA 115 512 R0400

Wire size		NFC	DIN	UL	CSA
Screw clamp	Rigid	0,5-4 mm ²			
	Flexible	0,5-4 mm ²			
Soldered	Rigid	0,5-1,5 mm ²			
	Flexible	0,5-1 mm ²			

Rated	250 VGr.C (1)(2)		
Impulse withstand			
Pollution degree			

Rated	10 A		
-------	------	--	--

Rated	1 mm ²		
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Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm .374"	4 mm .157"	0,5-0,8 Nm 4.4-7.1 lb.in	

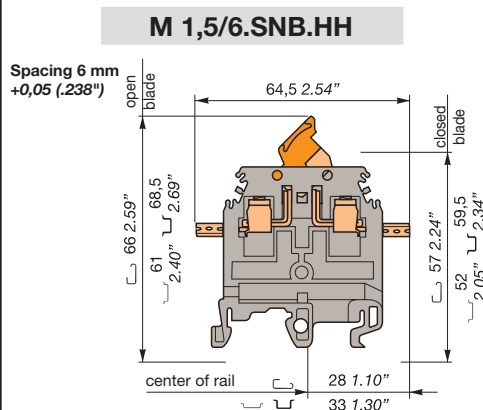
FEM 62		1SNA 114 994 R0700
FEM 62		1SNA 103 612 R2500
CBM5	th. 0,5 mm	1SNA 178 745 R1400
CBM8	th. 0,8 mm	1SNA 178 746 R1500

FEM 62			1SNA 114 994 R0700
CBM5	th.	0,5 mm	1SNA 178 745 R1400
CBM8	th.	0,8 mm	1SNA 178 746 R1500

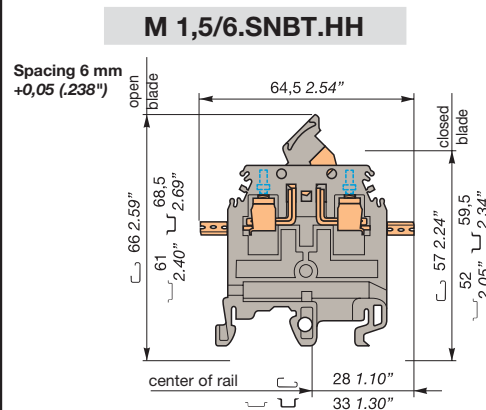
RC65 - RC610

Note : (1) Ratings given with connected test socket screw.
(2) Ratings given for soldered tabs protected by insulating sleeves covered by at least 3 mm .118" of insulation.

BC65 - BC610



6 mm block - switch connection by blade



6 mm block - switch connection by blade + test sockets

			CE				CE
Colour	Type	Part number		Colour	Type	Part number	
Grey body with orange blade	 M 1,5/6.SNB.HH	1SNA 115 527 R0300		Grey body	 M 1,5/6.SNBT.HH	1SNA 115 515 R0700	

Characteristics

Wire size	NFC DIN	UL	CSA
Soldered	Rigid Flexible	0,5-1,5 mm ² 0,5-1 mm ²	

Wire size		NFC DIN	UL	CSA
Soldered	Rigid	0,5-1,5 mm ²		
	Flexible	0,5-1 mm ²		

Voltage

Rated	250 VGr.C (1)(2)		
Impulse withstand			
Pollution degree			

Rated	250 VGr.C (1)(2)		
Impulse withstand			
Pollution degree			

Current

Rated	10 A		
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Rated	10 A		
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Wire size

Rated	1 mm ²		
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Rated	1 mm ²		
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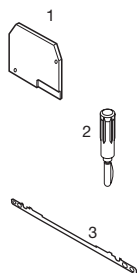
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection

Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection

Type

FEM 62		1SNA 114 994 R070
FEM 62 V0		1SNA 194 994 R000
FC2	DIA. 2 mm	1SNA 007 865 R260
CBM5	th. 0,5 mm	1SNA 178 745 R140
CBM8	th. 0.8 mm	1SNA 178 746 R150

Type		Part numbers
FEM 62		1SNA 114 994 R0700
FEM 62 V0		1SNA 194 994 R0000
FC2	DIA. 2 mm	1SNA 007 865 R2600
CBM5	th. 0,5 mm	1SNA 178 745 R1400
CBM8	th. 0,8 mm	1SNA 178 746 R1500



R



R See section on markers
marking method

RC65 - RC610

Note : (1) Ratings given with connected test socket screws.
(2) Ratings given for soldered tabs protected by insulating sleeves covered by at least 3 mm .118" of insulation.

Quick-connect terminal blocks

Screw clamp

Central quick-connect

 DIN 1 - 3



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

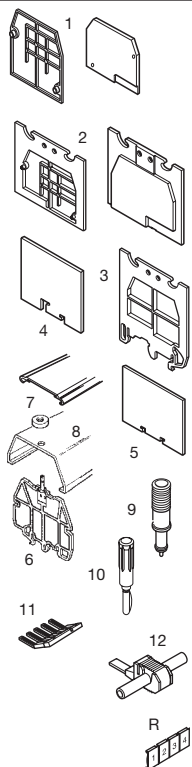
Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

M 16/12.2A.G: non connected quick-connect and clamping screws are touchproof (NEMA 1).

Accessories

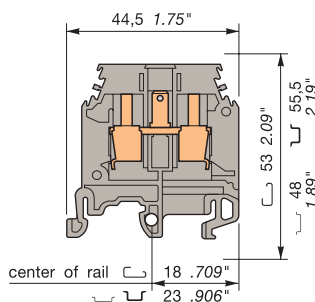


1	End section	grey
2	Separator end section	grey
3	Separator end section	grey
4	Separator end section	grey
5	Separator end section	grey
6	Separator end section for cover CPV	grey
7	Protective cover	
8	Protective cover	
3	Test device	
4	Test plug	
5	Comb-type jumper bar	50 A
6	IDC jumper	24 A

R See section on markers
marking method

M 6/8.2A.G

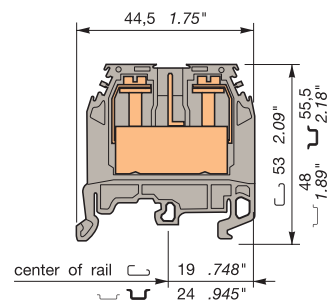
Spacing 8 mm (.315")



8 mm with central quick-connect output.

M 16/12.2A.G

Spacing 12 mm - 0,1 (.473")



Standard 12 mm block with partition and central quick-connect output.

			CE				CE
Colour	Type	Part numbers		Colour	Type	Part numbers	
Grey	☐ M 6/8.2A.G	1SNA 115 672 R2400		Grey	☐ M 16/12.2A.G	1SNA 115 679 R0300	

Characteristics

Wire size		NFC DIN	UL	CSA
Screw clamp	Rigid	0,5-10 mm²		
	Flexible	0,5-6 mm²		
Quick-connect		2,8 x 0,8 mm series 110 - 1,5 mm²		

Voltage

Voltage

Rated	750 V Gr.C		
Impulse withstand			
Pollution degree			

Current

Rated	46 A (1)		
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Wire size

Rated / Gauge		6 mm ²	
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
12 mm	4-5 mm	0,8-1 Nm	
.47"		7.1-8.9 lb.in	

Characteristics

Wire size		Wire size		
		NFC DIN	UL	CSA
Screw clamp	Rigid	0,5-25 mm²	20-4 AWG	20-4 AWG
	Flexible	0,5-16 mm²	20-4 AWG	20-4 AWG
Quick-connect		Twice 2,8 x 0,8 series 110 - 1,5 mm² max. Once 6,3 x 0,8 series 250 - 2,5 mm² max.		

Voltage	
---------	--

Voltage

Rated	750 V		
Pulse withstand			
Pollution degree	3		

Current	
---------	--

Rated	76 A (1)		
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Wire size	
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Rated / Gauge		16 mm² / B7	4 AWG	4 AWG
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection	
14 mm	5,5 mm	1,2-1,4 Nm	IP 20	
.55"	.22"	10.6-12.3 lb.in	NEMA 1	

Type		Part numbers	Type		Part numbers
FEM6	th. 2,8 mm	1SNA 118 368 R 1600	FEM12	th. 3,0 mm	1SNA 118 618 R 0100
SCF6	th. 3,0 mm	1SNA 118 707 R 0300	SCF12	th. 3,0 mm	1SNA 113 102 R 1000
			SCFM6	(2) th. 3,0 mm	1SNA 114 825 R 0500
			SCFEX1	(2) th. 2,4 mm	1SNA 103 619 R 0400
			SCFEX3	(2) th. 2,4 mm	1SNA 103 620 R 0100
			SCFCV 1.2	th. 3,0 mm	1SNA 116 795 R 1100
			CPM	(for SCF12...SCFM6)	1SNA 187 312 R 1400
			CPV 1.2	(for SCFV 1.2...)	1SNA 176 816 R 1200
DCO	orange	1SNA 173 060 R 0000			
FC2	DIA. 2 mm	1SNA 007 865 R 2600			
PC8	10 poles	1SNA 163 313 R 2400			
AD2,5		1SNA 114 205 R 2000			
Sides of block	RC65 - RC610	RC810	Sides of block	RC65 - RC610	RC810

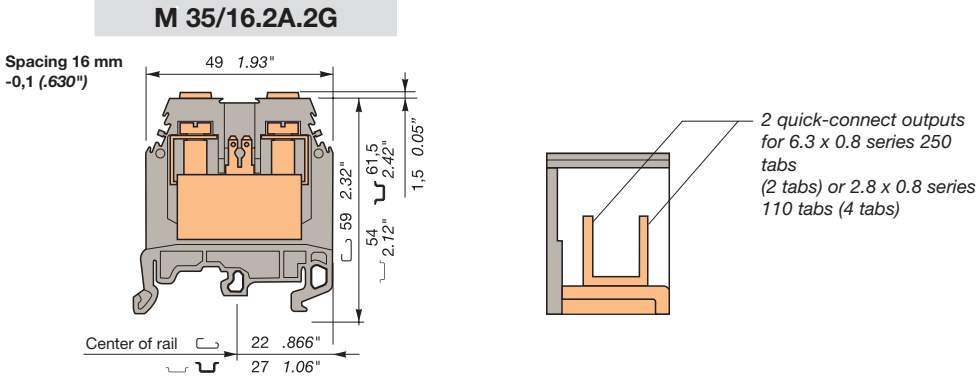
Note : (1) Maximum withstand current : 8 A for quick-connect connection for 2,8 x 0,8 mm tabs,
20 A for quick-connect connection for 6,3 x 0,8 mm tabs.
(2) Separator end sections snapped on rail.

Quick-connect terminal blocks

Screw clamp -

Central quick-connect

DIN 1 - 3



Standard 16 mm block with partition and central quick-connect.

CE

Colour		Type	Part numbers	
Grey	☐	M 35/16.2A.2G	1SNA 115 719 R2300	

Characteristics

Wire size				
		IEC	UL	CSA
		NFC	DIN	
Screw clamp	Rigid	1-50 mm²		16-0 AWG
	Flexible	1-35 mm²		16-2 AWG
Quick connect		4 tabs : 2,8 x 0,8 series 110 - 1,5 mm² max. 2 tabs : 6,3 x 0,8 series 250 - 2,5 mm² max.		

Voltage			
Rated	800 V		
Impulse withstand	8 kV		
Pollution degree	3		

Current			
Rated	125 A (1)		

Wire size			
Rated / Gauge	35 mm² / B9	0 AWG	0 AWG
Wire strip. length	Recomm. Screwdriver	Recomm. torque	Protection
17 mm	6,5-7 mm	2,8-3 Nm	IP20
.669"	.255" - .276"	24.3-26.1 lb.in	NEMA 1

Type	Part numbers		
FEM16	th. 3,0 mm	1SNA 118 233 R2700	
SCF16	th. 3,0 mm	1SNA 113 101 R1700	
SCFCV1.2 (2)	th. 3,0 mm	1SNA 116 795 R1100	
SCFEX1 (2)	 th. 2,4 mm	1SNA 103 619 R0400	
SCFEX3 (2)	 th. 2,4 mm	1SNA 103 620 R0100	
CPM	(for SCF16...)	1SNA 187 312 R1400	
CPV1.2	(for SCFCV1.2...)	1SNA 176 816 R1200	

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail	35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail	32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400
Other end stops, rails and accessories : see section on accessories.				

Notes

Accessories

1	End section	grey
2	Separator end section	grey
3	Separator end section for cover CPV	grey
4	Separator end section	grey
5	Separator end section	grey
6	Protective cover	
7	Protective cover	
R See section on markers marking method		

Quick-connect terminal block

Screw clamp to vertical

quick-connect

DIN 1 - DIN 3

DIN 1 - DIN 3

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size		NFC	DIN	UL	CSA
Screw clamp	Rigid	0,5-4 mm²		22-10 AWG	24-12 AWG
	Flexible	0,5-4 mm²		22-10 AWG	24-12 AWG
Quick-connect		2,8 x 0,8 mm		series 110	1,5 mm² max.
		6,3 x 0,8 mm		series 250	2,5 mm² max.
Voltage					
Rated		750 V Gr.C		600 V	300 V
Impulse withstand					
Pollution degree					
Current					
Rated		25 A		20 A	25 A
Wire size					
Rated / Gauge		4 mm²		10 AWG	12 AWG
Wire strip. length	Recomm. Screwdriver	Recomm. torque		Protection	
9,5 mm	4 mm	0,4- 0,6 Nm		IP 10 (1)	
.374 "	.157 "	3.5-5.3 lb.in			

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

M 4/6.G

Spacing 6 mm + 0,05 (.238")

6 mm block with partition. Outputs : Screw clamp to vertical quick-connect tabs.



Accessories

1 End section grey blue

2 Circuit separator grey

3 Separator end section (block) grey

4 Separator end section (rail) grey

5 Test socket

6 Test device

7 Test plug

9 Assembled jumper bar 32 A (with IP 20 protection)

10 Connector plate 35 A

11 Jumper bar not assembled 32 A

12 Alternated jumper bar 35 A

13 Universal jumper bar 50 A, 70 A, 50 A

14 Pivoting jumper bar 35 A

15 Comb-type jumper bar 35 A

16 IDC jumper 24 A

17 Shield connector

18 Protection label

Screw for protection label

R See section on marking method

Colour	Type	Part numbers
Grey	M 4/6.G	1SNA 115 190 R1600

Type	Part numbers
FEM6G th. 2,5 mm	1SNA 113 027 R0700
SCM6 th. 3 mm	1SNA 113 003 R1000
SCF6G th. 3 mm	1SNA 113 075 R1700
SCFM6 th. 3 mm	1SNA 114 825 R0500
AL2 DIA. 2 mm	1SNA 163 043 R2100
AL3 DIA. 3 mm	1SNA 163 261 R0000
DCJ yellow	1SNA 173 059 R0300
FC2 DIA. 2 mm	1SNA 007 865 R2600
BJMI6 2 poles	1SNA 176 663 R0000
BJMI6 3 poles	1SNA 176 664 R0100
BJMI6 4 poles	1SNA 176 665 R0200
BJMI6 5 poles	1SNA 176 666 R0300
BJMI6 10 poles	1SNA 176 667 R0400
EL6 (2)	1SNA 173 627 R2100
BJS6 (2) 20 poles	1SNA 174 784 R2000
EV6I	1SNA 206 394 R0200
BJA6 (2)	1SNA 116 541 R1200
BJDP1 (1) spacing 6 <-> spacing 16	1SNA 179 623 R0300
BJDP3 (1) spacing 6 <-> spacing 12	1SNA 179 625 R0500
BJDP4 (1) spacing 6 <-> spacing 8 and 10	1SNA 174 781 R2500
BJP6	1SNA 174 413 R1400
PC6 10 poles	1SNA 113 548 R2600
EIP	1SNA 113 550 R2400
AD2,5	1SNA 114 205 R2000
CBM5 th. 0,5	1SNA 178 745 R1400
CBM8 th. 0,8	1SNA 178 746 R1500
EP6 4 blocks	1SNA 163 427 R1700
VSP6	1SNA 163 433 R1500

RC65 - RC610 RCT610

Note : (1) Ratings given for insulated quick-connect tabs.

(2) Use of these accessories requires the user to cut out the partition.

Quick-connect terminal blocks

Screw clamp to quick-connect

 DIN 1 - 3



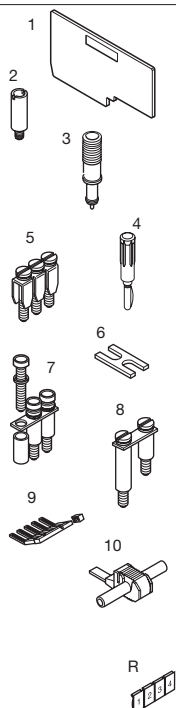
End stop		th. 9 mm	BADL	V0	1SNA 399 903 P0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 P1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 P0700
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 P1000
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 P1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 P2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 P0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Accessories

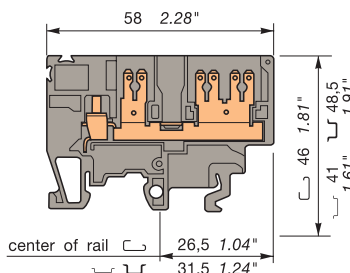


1	End section	grey
2	Test socket	
3	Test device	
4	Test plug	
5	Assembled jumper bar (without IP 20 protection)	32 A 32 A 32 A 32 A 32 A
6	Connector plate	35 A
7	Jumper bar not assembled Post + screw + washer IP 20	32 A
8	Universal jumper bar	
9	Comb-type jumper bar	35 A
10	IDC jumper	24 A

R See section on markers
marking method

M 4/6.3G

Spacing 6 mm + 0,05 (.238")



6 mm block with partition

- 1 output : screw clamp.
- 1 vertical quick-connect tab 6,3 x 0,8 mm or 2,8 x 0,8 mm.
- 2 vertical quick-connect tabs 6,3 x 0,8 mm or 2,8 x 0,8

Colour	Type	Part numbers
Grey ☐	M 4/6.3G	1SNA 115 279 R0200
With test socket DIA. 2 mm :		
Grey ☐	M 4/6.3G	1SNA 115 601 R2600

Characteristics

Wire size		NFC DIN	UL	CSA
Screw clamp	Rigid	0,2-4 mm ²		20-12 AWC
	Flexible	0,22-4 mm ²		20-12 AWC
Quick-connect		2,8 x 0,8 mm 6,3 x 0,8 mm	series 110 - 1,5 mm ² maxi. series 250 - 2,5 mm ² maxi.	

Voltage

Rated	500 V (1)		300 V
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	25 A		25 A
-------	------	--	------

Wire size

Rated / Gauge	4 mm ²		12 AWG
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
9.5 mm	4 mm	0.5-0.8 Nm	IP 10 (1)
.37"	.16"	4.4-7.1 lb.in	

Type

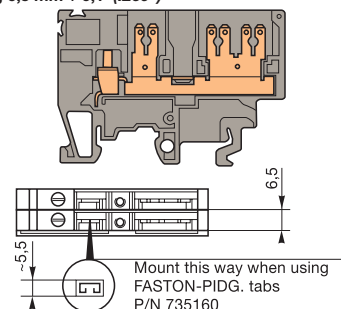
FEMG	th. 1.5 mm	1SNA 114 144 R1200
AL2	DIA. 2 mm	1SNA 163 043 R2100
AL3	DIA. 3 mm	1SNA 163 261 R0000
DCJ	yellow	1SNA 173 059 R0300
FC2 (3)		1SNA 007 865 R2600
BJM6 (2) (4)	2 poles	1SNA 168 516 R2500
BJM6 (2) (4)	3 poles	1SNA 168 517 R2600
BJM6 (2) (4)	4 poles	1SNA 168 518 R0700
BJM6 (2) (4)	5 poles	1SNA 168 519 R0000
BJM6 (2) (4)	10 poles	1SNA 168 973 R0700
EL6 (2)		1SNA 173 627 R2100
BJS6 (2) (5)	20 poles	1SNA 174 784 R2000
EV6I		1SNA 206 394 R0200
BJDP(2)		(see access.)
PC6 (5)	10 poles	1SNA 113 548 R2600
AD2.5		1SNA 114 205 R2000

BC65

Note : (1) Ratings given for clips fully protected by heat-shrinkable sleeving. (2) Use of these accessories requires the user to cut out the partition. (3) To be used with AL2 and DCJ. (4) BJM16 (with IP20 protection), see section accessories. (5) For other numbers of poles, see section accessories.

M 4/6.5.3G

Spacing 6,5 mm + 0,1 (.260")



6.5 mm block with partition

- 1 output : screw clamp.
- 1 vertical quick-connect tab 6,3 x 0,8 mm or 2,8 x 0,8 mm.
- 2 vertical quick-connect tabs 6,3 x 0,8 mm or 2,8 x 0,8

mm			
Colour	Type	Part numbers	
Grey ☐	M 4/6,5.3G	1SNA 115 281 R1500	

Characteristics

Wire size		NFC DIN	UL	CSA
Screw clamp	Rigid	0,2-4 mm²		20-12 AWG
	Flexible	0,22-4 mm²		20-12 AWG
Quick-connect		2,8 x 0,8 mm series 110 - 1,5 mm² maxi. 6,3 x 0,8 mm series 250 - 2,5 mm² maxi.		

Voltage

Rated	500 V (1)		300 V
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	25 A		25 A
-------	------	--	------

Wire size

Rated / Gauge		4 mm ²		12 AWG
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection	
9.5 mm	4 mm	0.5-0.8 Nm	IP 10 (1)	
.37"	.16"	4.4-7.1 lb.in		

Type

FEMG	th. 1,5 mm	1SNA 114 144 R1200
AL2	DIA. 2 mm	1SNA 163 043 R2100
AL3	DIA. 3 mm	1SNA 163 261 R0000
DCJ	yellow	1SNA 173 059 R0300
FC2 (3)		1SNA 007 865 R2600
BJM65 (2)	2 poles	1SNA 174 764 R0300
BJM65 (2)	3 poles	1SNA 174 765 R0400
BJM65 (2)	4 poles	1SNA 174 766 R0500
BJM65 (2)	5 poles	1SNA 174 767 R0600
BJM65 (2)	10 poles	1SNA 174 768 R1700
BJM65 (2)	25 poles	1SNA 174 769 R1000
BJDP(2)		(see access.)
PC6 (5)	10 poles	1SNA 113 548 R2600
AD2,5		1SNA 114 205 R2000

BC65

F
2

RC65 - RC610	RC65 - RC610	
Note : (1) Ratings given for insulated quick-connect. (2) Use of these accessories requires the user to cut out the partition. (3) A circuit separator SC may be required with the use of these accessories.		

Quick-connect terminal blocks

Quick-connect to quick-connect

DIN 1 - 3



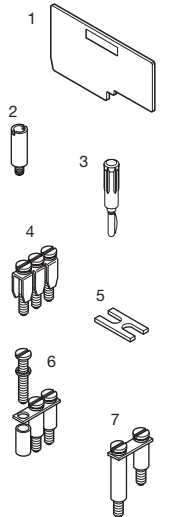
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Accessories

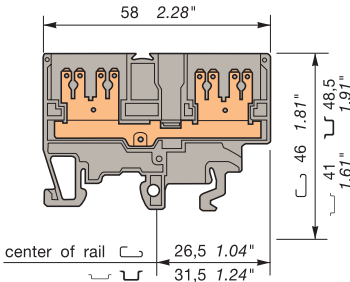


1	End section	grey beige
2	Test socket	
3	Test plug	
4	Assembled jumper bar	32 A
	jumper bar (without IP 20 protection)	32 A
		32 A
		32 A
5	Connector plate	35 A
6	Jumper bar not assembled	32 A
7	Universal jumper bar	50 A

R See section on markers marking method

M 2,5/6.4G.1

Spacing 6 mm + 0,05 (.238")



6 mm block with partition - Outputs : vertical quick-connect tabs to vertical quick-connect tabs 6,3 x 0,8 mm or 2,8 x 0,8 mm.



Coulour	Type	Part numbers
Grey	M 2,5/6.4G.1	1SNA 115 280 R2000

Characteristics

Wire size	IEC		UL	CSA
	NFC	DIN		
Screw clamp	Rigid			
	Flexible			
Quick-connect	2,8 x 0,8 mm series 110		- 1,5 mm ² maxi.	
	6,3 x 0,8 mm series 250		- 2,5 mm ² maxi.	

Voltage

Rated	630 V	600 V	300 V
Impulse withstand	6 kV	600 V	300 V
Pollution degree	3		

Current

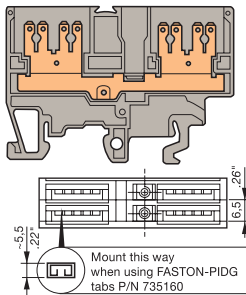
Rated	35 A	25 A	25 A
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Wire size

Rated / Gauge	2,5 mm ²	10 AWG	12 AWG
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
			IP 10 (1)

M 2,5/6,5.4G.1

Spacing 6,5 mm + 0,1 (.260")



6,5 mm block with partition - Outputs : vertical quick-connect tabs to vertical quick-connect tabs 6,3 x 0,8 mm or 2,8 x 0,8 mm.



Coulour	Type	Part numbers
Grey	M 2,5/6,5.4G.1	1SNA 115 282 R1600
Beige	M 2,5/6,5.4G.1 V0	1SNA 195 282 R1700

Characteristics

Wire size	IEC		UL	CSA
	NFC	DIN		
Screw clamp	Rigid			
	Flexible			
Quick-connect	2,8 x 0,8 mm series 110		- 1,5 mm ² maxi.	
	6,3 x 0,8 mm series 250		- 2,5 mm ² maxi.	

Voltage

Rated	630 V	600 V	300 V
Impulse withstand	6 kV	600 V	300 V
Pollution degree	3		

Current

Rated	35 A	25 A	25 A
-------	------	------	------

Wire size

Rated / Gauge	2,5 mm ²	10 AWG	12 AWG
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
			IP 10 (1)

Type	Part numbers	
FEMG	th. 1,5 mm	1SNA 114 144 R1200
AL2	DIA. 2 mm	1SNA 163 043 R2100
AL3	DIA. 3 mm	1SNA 163 261 R0000
FC2	DIA. 2 mm	1SNA 007 865 R2600
BJM6 (2) (3)	2 poles	1SNA 168 516 R2500
BJM6 (2) (3)	3 poles	1SNA 168 517 R2600
BJM6 (2) (3)	4 poles	1SNA 168 518 R0700
BJM6 (2) (3)	5 poles	1SNA 168 519 R0000
BJM6 (2) (3)	10 poles	1SNA 168 973 R0700
EL6 (2)		1SNA 173 627 R2100
BJS6 (2) (4)	20 poles	1SNA 174 784 R2000
BJDP4		1SNA 174 781 R2500

Type	Part numbers	
FEMG	th. 1,5 mm	1SNA 114 144 R1200
FEMG V0	th. 1,5 mm	1SNA 194 144 R1300
AL2	DIA. 2 mm	1SNA 163 043 R2100
AL3	DIA. 3 mm	1SNA 163 261 R0000
FC2	DIA. 2 mm	1SNA 007 865 R2600
BJM65 (2)	2 poles	1SNA 174 764 R0300
BJM65 (2)	3 poles	1SNA 174 765 R0400
BJM65 (2)	4 poles	1SNA 174 766 R0500
BJM65 (2)	5 poles	1SNA 174 767 R0600
BJM65 (2)	10 poles	1SNA 174 768 R1700
BJDP4		1SNA 174 781 R2500

RC65

RC65

Note : (1) Ratings given for clips fully protected by heat-shrinkable sleeving. (2) Use of these accessories requires the user to cut out the partition. (3) BJM16 (with IP20 protection), see section accessories. (4) For other numbers of poles, see section accessories.

Quick-connect terminal blocks

Quick-connect to quick-connect

DIN 1 - DIN 3



M 2,5/6.2G.2G

Spacing 6 mm + 0,05 (.238")

Colour	Type	Part numbers
Grey	M 2,5/6.2G.2G	1SNA 115 191 R0300
Beige V0	M 2,5/6.2G.2G V0	1SNA 195 191 R0400

Accessories			Type	Part numbers
	1 End section	grey	FEM6G V2 th. 2,5 mm	1SNA 113 027 R0700
		beige	FEM6G V0 th. 2,5 mm	1SNA 193 027 R0000
	2 Circuit separator	grey	SCM6	1SNA 113 003 R1000
		beige	SCM6 V0	1SNA 193 003 R1100
	3 Separator end section (block)	grey	SCF6G V2 th. 3 mm	1SNA 113 075 R1700
			SCF6G V0 th. 3 mm	1SNA 193 075 R1000
	4 Separator end section (rail)	grey	SCFM6 th. 3 mm	1SNA 114 825 R0500
			SCFEX1 th. 2,4 mm	1SNA 103 619 R0400
			SCFEX3 th. 2,4 mm	1SNA 103 620 R0100
	5 Test socket		AL2 (2) DIA. 2 mm	1SNA 163 043 R2100
			AL3 (2) DIA. 3 mm	1SNA 163 261 R0000
	6 Test plug		FC2 V2 DIA. 2 mm	1SNA 007 865 R2600
	7 Assembled jumper bar (with IP 20 protection)	32 A	BJMI6 (2) 2 poles	1SNA 176 663 R0000
		32 A	BJMI6 (2) 3 poles	1SNA 176 664 R0100
		32 A	BJMI6 (2) 4 poles	1SNA 176 665 R0200
		32 A	BJMI6 (2) 5 poles	1SNA 176 666 R0300
		32 A	BJMI6 (2) 10 poles	1SNA 176 667 R0400
	8 Connector plate	35 A	EL6	1SNA 173 627 R2100
	9 Jumper bar not assembled (Post + screw + washer IP20)	32 A	BJS6 (2) (3) 20 poles	1SNA 174 784 R2000
			EV6I	1SNA 206 394 R0200
	10 Alternated jumper bar	35 A	BJA6 (2) 10 poles	1SNA 116 541 R1200
	11 Universal jumper bar	50 A	BJDP1 (2) th. 6 to 16 mm	1SNA 179 623 R0300
		70 A	BJDP3 (2) th. 6 to 12 mm	1SNA 179 625 R0500
		50 A	BJDP4 (2) th. 6 to 10 mm	1SNA 174 781 R2500
	12 Pivoting jumper bar	35 A	BJP6	1SNA 174 413 R1400
	13 Shield connector		CBM5 th. 0,5 mm	1SNA 178 745 R1400
			CBM8 th. 0,8 mm	1SNA 178 746 R1500

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size		IEC	UL	CSA
		NFC DIN		
Screw clamp	Rigid			
	Flexible			
Quick-connect		2,8 x 0,8 mm	series 110	- 1,5 mm² max.
		6,3 x 0,8 mm	series 250	- 2,5 mm² max.
Voltage				
Rated		630 V	600 V	300 V
Impulse withstand		6 kV		
Pollution degree		3		
Current				
Rated		20 A	25 A	20 A
Wire size				
Rated / Gauge		2,5 mm²	10 AWG	12 AWG
Wire strip. length	Recomm. Screwdriver	Recomm. torque	Protection	
			IP 10 (1)	

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.



R See section on marking method

RC65 - RC610 RCT610

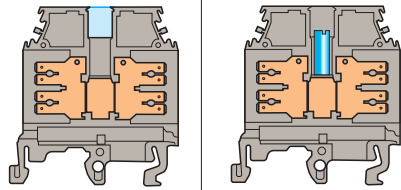
Note : (1) Ratings given for insulated quick-connect tabs. (2) A circuit separator **SC** may be required with the use of these accessories. (3) For other numbers of poles, see accessories.

M 2,5/6.2G.2G.1

M 2,5/6.2G.2G.4

Spacing 6 mm + 0,05 (.238")

Spacing 6 mm + 0,05 (.238")



Grey 1SNA 115 267 R2600

Grey 1SNA 115 363 R2600

M 2,5/6.2G.2G with partition.

M 2,5/6.2G.2G.1 equipped with a test socket DIA. 4 mm/.16".

Part numbers		Various applications		
1SNA 113 027 R0700	1SNA 113 027 R0700			
1SNA 113 075 R1700	1SNA 113 075 R1700			
1SNA 114 825 R0500	1SNA 114 825 R0500			
1SNA 103 619 R0400	1SNA 103 619 R0400			
1SNA 103 620 R0100	1SNA 103 620 R0100			
1SNA 163 043 R2100				
1SNA 163 261 R0000				
1SNA 007 865 R2600				
(2) 1SNA 176 663 R0000				
(2) 1SNA 176 664 R0100				
(2) 1SNA 176 665 R0200				
(2) 1SNA 176 666 R0300				
(2) 1SNA 176 667 R0400				
(2) 1SNA 173 627 R2100				
(2) (3) 1SNA 174 784 R2000				
1SNA 206 394 R0200				
(2) 1SNA 116 541 R1200				
(2) 1SNA 179 623 R0300				
(2) 1SNA 179 625 R0500				
(2) 1SNA 174 781 R2500				
1SNA 174 413 R1400				
1SNA 178 745 R1400	1SNA 178 745 R1400	The terminal blocks M 2,5/6.2G.2G.C are equipped with a test socket DIA. 2,5 mm/.10" for connector described in the section "connectors".		
1SNA 178 746 R1500	1SNA 178 746 R1500			
RC65 - RC610	RC65 - RC610			

Note : (1) Ratings given for insulated quick-connect.

(3) A circuit separator SC may be required with the use of these accessories.

(2) Use of these accessories requires the user to cut out the partition.

(4) For other numbers of poles see accessories.

Wire wrapping terminal blocks

Screw clamp to wire wrapping

DIN 1 - DIN 3

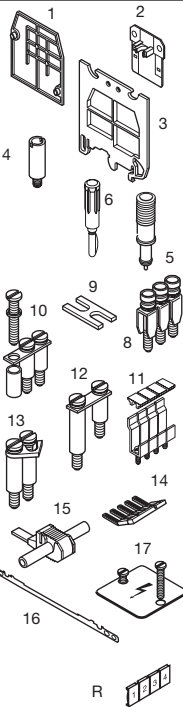


End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

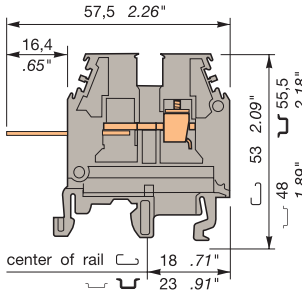
Accessories



1	End section	grey
2	Circuit separator	grey
3	Separator end section	grey
4	Test socket	
5	Test device	
6	Test plug	
8	Assembled jumper bar (with IP 20 protection)	32 A
9	Connector plate	35 A
10	Jumper bar not assembled	32 A
11	Alternated jumper bar	35 A
12	Universal jumper bar	
13	Pivoting jumper bar	
14	Comb-type jumper bar	35 A
15	IDC jumper	24 A
16	Shield connector	
17	Protection label	
R	See section on markers marking method	

M 4/6.M

Spacing 6 mm + 0,05 (.238")



Standard 6 mm block - 1 wrapping stem 1,6 x 0,8 mm - 1 Screw clamp output.



Colour	Type	Part number
Grey body	M 4/6.M	1SNA 115 380 R2400

Characteristics

Wire size	NFC	DIN	UL	CSA
Screw clamp	Rigid	0,2-4 mm ²		
	Flexible	0,22-4 mm ²		
Wrapped	wire DIA. 0,4 to 0,8 mm n° 26 to 20 AWG - 2 wrappings			

Voltage	125 VGr.C
Rated	
Impulse withstand	
Pollution degree	

Current	7,5 A
Rated	

Wire size			
Rated			
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
9.5 mm	4 mm	0.5-0.8 Nm	
.37"	.157"	4.4-7.1 lb.in	

Type	Part numbers
FEM6	th. 2,8 mm 1SNA 118 368 R1600
SCM6	1SNA 113 003 R1000
SCFEX1	th. 2,4 mm 1SNA 103 619 R0400
SCFEX3	th. 2,4 mm 1SNA 103 620 R0100
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
DCJ	yellow 1SNA 173 059 R0300
FC2	DIA. 2 mm 1SNA 007 865 R2600

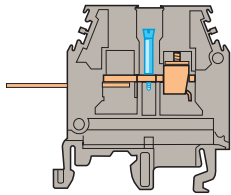
BJMI6 (1)	2 poles	1SNA 176 663 R0000
BJMI6 (1)	3 poles	1SNA 176 664 R0100
BJMI6 (1)	4 poles	1SNA 176 665 R0200
BJMI6 (1)	5 poles	1SNA 176 666 R0300
BJMI6 (1)	10 poles	1SNA 176 667 R0400
EL6		1SNA 173 627 R2100
BJS6 (1) (2)	20 poles	1SNA 174 784 R2000
BJA6 (1)	10 poles	1SNA 116 541 R1200
BJDP (1)	(see access.)	
BJP6		1SNA 174 413 R1400
PC6 (2)	10 poles	1SNA 113 548 R2600
AD2,5		1SNA 114 205 R2000
CBM5	th. 0,5 mm	1SNA 178 745 R1400
CBM8	th. 0,8 mm	1SNA 178 746 R1500
EP6		1SNA 163 427 R1700

RC65 - RC610 RCT610

Note : (1) A circuit separator SC may be required with the use of these accessories.
(2) For other numbers of poles, see section : accessories.

M 4/6.M2

Spacing 6 mm + 0,05 (.238")



Closed M 4/6.M block equipped with a test socket DIA. 2 mm/.079".



Colour	Type	Part number
Grey body	M 4/6.M2	1SNA 115 252 R2700

Characteristics

Wire size	NFC	DIN	UL	CSA
Screw clamp	Rigid	0,2-4 mm ²		
	Flexible	0,22-4 mm ²		
Wrapped	wire DIA. 0,4 to 0,8 mm n° 26 to 20 AWG - 2 wrappings			

Voltage	125 VGr.C
Rated	
Impulse withstand	
Pollution degree	

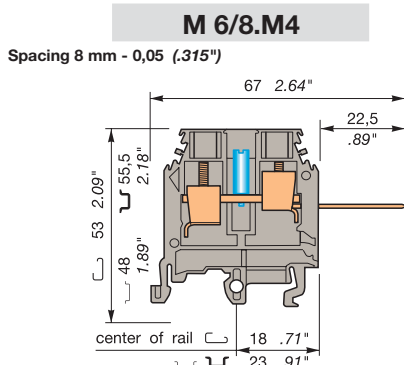
Current	7,5 A
Rated	

Wire size			
Rated			
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
9.5 mm	4 mm	0.5-0.8 Nm	
.37"	.157"	4.4-7.1 lb.in	

Type	Part numbers
FEM6	th. 2,8 mm 1SNA 118 368 R1600
SCFEX1	th. 2,4 mm 1SNA 103 619 R0400
SCFEX3	th. 2,4 mm 1SNA 103 620 R0100
FC2	DIA. 2 mm 1SNA 007 865 R2600

PC6 (2)	10 poles	1SNA 113 548 R2600
AD2,5		1SNA 114 205 R2000
CBM5	th. 0,5 mm	1SNA 178 745 R1400
CBM8	th. 0,8 mm	1SNA 178 746 R1500

RC65 - RC610



Closed 8 mm block equipped with a test socket DIA. 4 mm/.157" - 1 wrapping stem 1,6 x 0,8 mm - 1 Screw clamp output.

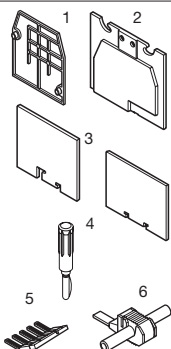


Colour	Type	Part number	Colour	Type	Part number
Grey body	☐	M 6/8.M4 1SNA 115 455 R1300			

Characteristics					Characteristics						
Wire size		NFC	DIN	UL	CSA	Wire size		NFC	DIN	UL	CSA
Screw clamp	Rigid	0,5-10 mm²				Screw clamp	Rigid				
	Flexible	0,5-6 mm²					Flexible				
Wrapped		wire DIA. 0,12 to 0,52 mm² - 2 wrappings wire DIA. 0,12 to 0,32 mm² - 3 wrappings				Wrapped					
Voltage					Voltage						
Rated		400 VGr.C				Rated					
Impulse withstand						Impulse withstand					
Pollution degree						Pollution degree					
Current					Current						
Rated		7,5 A				Rated					
Wire size					Wire size						
Rated						Rated					
Wire stripping length		Recomm. screwdriver		Recomm. torque	Protection	Wire stripping length		Recomm. screwdriver		Recomm. torque	Protection
12 mm		4-5 mm		0,8-1 Nm							
.47"		.157-.197"		7.1-8.9 lb.in.							

Notes

Accessories



1	End section	grey
2	Separator end section (black)	grey
3	Separator end section	grey
4	Test plug	
5	Comb-type jumper bar	50 A 50 A 50 A 50 A
6	IDC jumper	24 A



R See section on markers
marking method

[illegible]

Double deck terminal blocks

Screw clamp to wire wrapping

DIN 1 - DIN 3



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

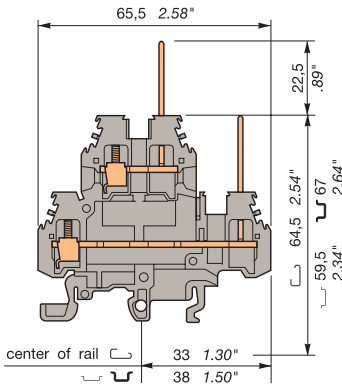
Notes

Accessories

	1 End section	grey
	2 Circuit separator	grey
	3 Separator end section	grey
	4 Test socket	
	5 Test device	
	6 Test plug	
	8 Assembled jumper bar	32 A
	8 Assembled jumper bar (with IP20 protection)	32 A
	9 Connector plate	35 A
	10 Jumper bar not assembled	32 A
	11 Pivoting jumper bar	32 A
	12 Comb-type jumper bar	35 A
	13 IDC jumper	24 A
	14 Shield connector	
	R See section on markers marking method	

M 4/6.D2.M

Spacing 6 mm + 0,05 (.238")



Standard 6 mm block. 2 wrapping stems 1,6 x 0,8 mm - 2 Screw clamp outputs

	Colour	Type	Part number
	Grey body	M 4/6.D2.M	1SNA 115 300 R0400

Characteristics

Wire size	NFC DIN	UL	CSA
Screw clamp Rigid	0,2-4 mm²	22-12 AWG	
Screw clamp Flexible	0,22-4 mm²	22-12 AWG	
Wrapped	wire DIA. 0,4 to 0,65 mm² - 3 wrappings		
	wire DIA. 0,4 to 0,8 mm² - 2 wrappings		
Voltage			
Rated	250 VGr.C	300 V	
Impulse withstand			
Pollution degree			

Current			
Rated	7,5 A	10 A	
Wire size			
Rated		12 AWG	
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
8,5 mm	4 mm	0,5-0,8 Nm	
.33"	.157"	4.4-7.1 lb.in	

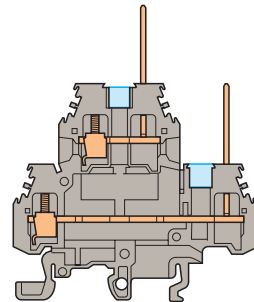
Type	Part numbers
FEM6D	th. 1 mm 1SNA 118 499 R2300
SCM6D	1SNA 113 482 R0500
SCF6D	th. 1 mm 1SNA 118 495 R1700
AL2 (1)	DIA. 2 mm 1SNA 163 070 R0000
AL3 (1)	DIA. 3 mm 1SNA 163 261 R0000
DCG	grey 1SNA 173 059 R0300
FC2	DIA. 2 mm 1SNA 007 865 R2600
BJMI6D (1)	2 poles 1SNA 179 668 R2000
BJMI6D (1)	3 poles 1SNA 179 669 R2100
BJMI6D (1)	4 poles 1SNA 179 670 R2600
BJMI6D (1)	5 poles 1SNA 179 671 R1300
BJMI6D (1)	10 poles 1SNA 179 672 R1400
EL6	1SNA 173 627 R2100
BJS61 (1) (3)	10 poles 1SNA 168 485 R2700
BJP61	1SNA 167 225 R2000
PC61	10 poles 1SNA 163 311 R2200
AD2,5	1SNA 114 205 R2000
CBM5D	th. 0,5 mm 1SNA 173 530 R2400

RC65 - RC610 RCT610

Note : (1) A circuit separator SC may be required with the use of these accessories.
(2) Use of these accessories requires the user to cut out the partition.
(3) For other numbers of poles, see section : accessories.

M 4/6.D2.M1

Spacing 6 mm + 0,05 (.238")



Closed M 4/6.D2.M block with partition.

	Colour	Type	Part number
	Grey body	M 4/6.D2.M1	1SNA 115 305 R2500

Characteristics

Wire size	NFC DIN	UL	CSA
Screw clamp Rigid	0,2-4 mm²		
Screw clamp Flexible	0,22-4 mm²		
Wrapped	wire DIA. 0,4 to 0,65 mm² - 3 wrappings		
	wire DIA. 0,4 to 0,8 mm² - 2 wrappings		
Voltage			
Rated	250 VGr.C		
Impulse withstand			
Pollution degree			

Current			
Rated			
Wire size			
Rated	7,5 A		
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
8,5 mm	4 mm	0,5-0,8 Nm	
.33"	.157"	4.4-7.1 lb.in	

Type	Part numbers
FEM6D	th. 1 mm 1SNA 118 499 R2300
SCF6D	th. 1 mm 1SNA 118 495 R1700
AL2	DIA. 2 mm 1SNA 163 070 R0000
AL3	DIA. 3 mm 1SNA 163 261 R0000
DCG	grey 1SNA 173 059 R0300
FC2	DIA. 2 mm 1SNA 007 865 R2600
BJMI6D (2)	2 poles 1SNA 179 668 R2000
BJMI6D (2)	3 poles 1SNA 179 669 R2100
BJMI6D (2)	4 poles 1SNA 179 670 R2600
BJMI6D (2)	5 poles 1SNA 179 671 R1300
BJMI6D (2)	10 poles 1SNA 179 672 R1400
EL6 (2)	1SNA 173 627 R2100
BJS61 (2) (3)	10 poles 1SNA 168 485 R2700
PC61	10 poles 1SNA 163 311 R2200
AD2,5	1SNA 114 205 R2000
CBM5D	th. 0,5 mm 1SNA 173 530 R2400

RC65 - RC610 RCT610

Quick-connect terminal block

Quick-connect to horizontal wire wrapping

DIN 1 - DIN 3



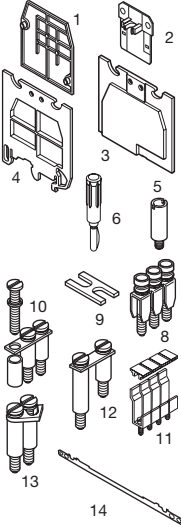
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage ratings. For more information, consult us.

Accessories

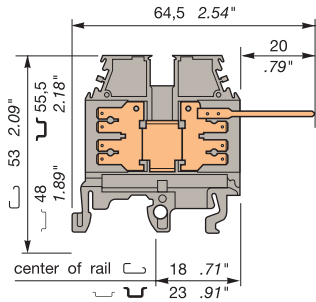


1	End section	grey
2	Circuit separator	grey
3	Separator end section (block)	grey
4	Separator end section	grey
5	Test socket	
6	Test plug	
8	Assembled jumper bar	32 A
	jumper bar (with IP20 protection)	32 A
9	Connector plate	35 A
10	Jumper bar not assembled	32 A
11	Alternated jumper bar	35 A
12	Universal jumper bar	
13	Pivoting jumper bar	35 A
14	Shield connector	

R See section on markers marking method

M 2,5/6.2G.MG

Spacing 6 mm + 0,05 (.238")



3 tags for 6,3 x 0,8 or 2,8 x 0,8 mm tabs
1 wrapping stem 1,6 x 0,8 mm.



Colour	Type	Part number	Colour	Type	Part number
Grey body		M 2,5/6.2G.MG 1SNA 115 244 R2700			

Characteristics				Characteristics			
Wire size	NFC DIN	UL	CSA	Wire size	NFC DIN	UL	CSA
Quick-connect	2,8 x 0,8 mm tabs Series 110 - 1,5 mm² max. n° 16 AWG 6,3 x 0,8 mm tabs Series 250 - 2,5 mm² max. n° 14 AWG			Quick-connect			
Wrapped	wire DIA. 0,4 to 0,65 mm n° 26 to 22 AWG 3 wrappings wire DIA. 0,8 mm n° 20 AWG 2 wrappings			Wrapped			
Voltage				Voltage			
Rated	250 VGr.C			Rated			
Impulse withstand				Impulse withstand			
Pollution degree				Pollution degree			
Current				Current			
Rated				Rated			
Wire size				Wire size			
Rated				Rated			
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection

Type	Part numbers		Type	Part numbers	
FEM6G	th. 2,5 mm	1SNA 113 027 R0700			
SCM6		1SNA 113 003 R1000			
SCF6	th. 3 mm	1SNA 118 707 R0300			
SCFEX1	th. 2,4 mm	1SNA 103 619 R0400			
SCFEX3	th. 2,4 mm	1SNA 103 620 R0100			
AL2 (1)	DIA. 2 mm	1SNA 163 043 R2100			
AL3 (1)	DIA. 3 mm	1SNA 163 261 R0000			
FC2	DIA. 2 mm	1SNA 007 865 R2600			
BJMI6 (1)	2 poles	1SNA 176 663 R0000			
BJMI6 (1)	3 poles	1SNA 176 664 R0100			
BJMI6 (1)	4 poles	1SNA 176 665 R0200			
BJMI6 (1)	5 poles	1SNA 176 666 R0300			
BJMI6 (1)	10 poles	1SNA 176 667 R0400			
EL6		1SNA 173 627 R2100			
BJS6 (1) (2)	20 poles	1SNA 174 784 R2000			
BJA6 (1)	10 poles	1SNA 116 541 R1200			
BJDP (1)		(see access.)			
BJP6		1SNA 174 413 R1400			
CBM5	th. 0,5 mm	1SNA 178 745 R1400			
CBM8	th. 0,8 mm	1SNA 178 746 R1500			

Note : (1) A circuit separator SC may be required with the use of these accessories.
(2) For other numbers of poles, see section : accessories.

Wire wrapping and quick-connect terminal block

Screw clamp to quick-connect - vertical wire wrapping

DIN 1 - DIN 3



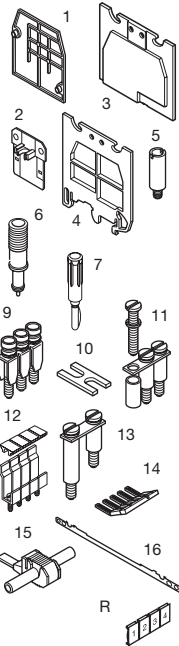
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage ratings. For more information, consult us.

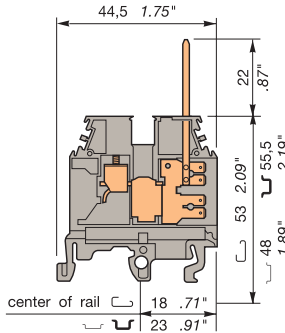
Accessories



1	End section	grey
2	Circuit separator	grey
3	Separator end section (block)	grey
4	Separator end section	grey
5	Test socket	
6	Test device	
7	Test plug	
9	Assembled jumper bar (with IP20 protection)	32 A
10	Connector plate	35 A
11	Jumper bar not assembled	32 A
12	Alternated jumper bar	35 A
13	Universal jumper bar	
14	Comb-type jumper bar	35 A
15	IDC jumper	
16	Shield connector	
R	See section on marking method	

M 4/6.MG

Spacing 6 mm + 0,05 (.238")



Horizontal quick-connect outputs - 1 Screw clamp output - 1 wrapping stem 1,6 x 0,8 mm.



Colour	Type	Part number
Grey body	M 4/6.MG	1SNA 115 295 R1300

Characteristics

Wire size	NFC DIN	UL	CSA
Screw clamp Rigid	0,2-4 mm²		
Screw clamp Flexible	0,22-4 mm²		
Quick-connect	2,8 x 0,8 mm tabs - Series 110 - 1,5 mm² max. n° 16 AWG 6,3 x 0,8 mm tabs - Series 250 - 2,5 mm² max. n° 14 AWG		
Wrapped	wire DIA. 0,4 to 0,65 mm 3 wrappings wire DIA. 0,4 to 0,6 mm 2 wrappings		

Voltage			
Rated	250 VGr.C		
Impulse withstand			
Pollution degree			

Current			
Rated			

Wire size			
Rated			
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm	4 mm	0,5-0,8 Nm	
.37"	.157"	4.4-7.1 lb.in	

Characteristics

Wire size	NFC DIN	UL	CSA
Screw clamp Rigid			
Screw clamp Flexible			
Quick-connect			
Wrapped			

Voltage			
Rated			
Impulse withstand			
Pollution degree			

Current			
Rated			

Wire size			
Rated			
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection

Type	Part numbers
FEM6G	th. 2,5 mm 1SNA 113 027 R0700
SCM6	1SNA 113 003 R1000
SCF6	th. 3 mm 1SNA 118 707 R0300
SCFEX1	th. 2,4 mm 1SNA 103 619 R0400
SCFEX3	th. 2,4 mm 1SNA 103 620 R0100
AL2 (1)	DIA. 2 mm 1SNA 163 043 R2100
AL3 (1)	DIA. 3 mm 1SNA 163 261 R0000
DCJ	yellow 1SNA 173 059 R0300
FC2	DIA. 2 mm 1SNA 007 865 R2600
BJMI6 (1)	2 poles 1SNA 176 663 R0000
BJMI6 (1)	3 poles 1SNA 176 664 R0100
BJMI6 (1)	4 poles 1SNA 176 665 R0200
BJMI6 (1)	5 poles 1SNA 176 666 R0300
BJMI6 (1)	10 poles 1SNA 176 667 R0400
EL6	1SNA 173 627 R2100
BJS6 (1) (2)	20 poles 1SNA 174 784 R2000
BJA6 (1)	1SNA 116 541 R1200
BJDP (1)	(see access.)
PC6 (2)	10 poles 1SNA 113 548 R2600
AD2,5	1SNA 114 205 R2000
CBM5	th. 0,5 mm 1SNA 178 745 R1400
CBM8	th. 0,8 mm 1SNA 178 746 R1500

RC65 - RC610 RCT610

Note : (1) (1) A circuit separator SC may be required with the use of these accessories.
(2) For other numbers of poles, see section : accessories.

Heavy duty switch terminal blocks with short blade

Screw clamp to wire wrapping

DIN 1 - DIN 3



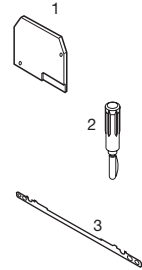
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

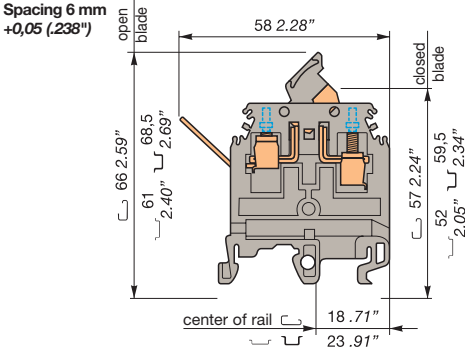
Accessories



- 1 End section grey beige V0
- 2 Test plug
- 3 Shield connector

R See section on markers marking method

M 4/6.SNBT.M1



6 mm block - switch connection by short blade.



Colour	Type	Part number
Grey body	☐ M 4/6.SNBT.M1	1SNA 115 514 R0600

Characteristics

Wire size		NFC	DIN	UL	CSA
Screw clamp	Rigid	0,5-4 mm ²			
	Flexible	0,5-4 mm ²			
Wrapped (Rigid)		0,12 to 0,32 mm ²		3 wrappings	
		0,12 to 0,52 mm ²		2 wrappings	
Voltage					
Rated		125 VGr.C (1)			
Impulse withstand					
Pollution degree					
Current					
Rated		10 A (2)			
Wire size					
Rated		0,32 mm ²			
Wire stripping length		Recomm. screwdriver		Recomm. torque	Protection
9,5 mm .374"		4 mm .157"		0,5-0,8 Nm 4.4-7.1 lb.in	

Characteristics

Wire size		NFC	DIN	UL	CSA
Screw clamp	Rigid				
	Flexible				
Wrapped (Rigid)					
Voltage					
Rated					
Impulse withstand					
Pollution degree					
Current					
Rated					
Wire size					
Rated					
Wire stripping length		Recomm. screwdriver		Recomm. torque	Protection

Type	Part numbers
FEM 62	1SNA 114 994 R0700
FEM 62 V0	1SNA 194 994 R0000
FC2	DIA. 2 mm 1SNA 007 865 R2600
CBM5	th. 0,5 mm 1SNA 178 745 R1400
CBM8	th. 0,8 mm 1SNA 178 746 R1500

Type	Part numbers
------	--------------

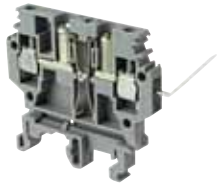
RC65 - RC610

Note : (1) Ratings given with connected test socket screws.
(2) Current for wrapped connections : 2,4 A for 0,12 to 0,32 mm²) For 1 wrapping
7,5 A for 0,52 mm²

Wire wrapping terminal block for metering circuits

Screw clamp - wire wrapping

DIN 1 - DIN 3



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

Terminal block identical to a classical Screw clamp - wire wrapping block. Metering is carried out easily by means of a plug connected to a metering instrument without disturbing the connections.

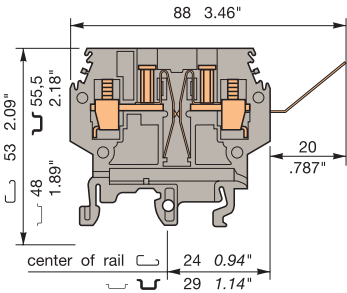
The use of some accessories may decrease the block's voltage ratings. For more information, consult us.

Accessories

	1 End section	grey
	2 Plug	
	3 Assembly key for plugs	
	4 Crimped pins	0,22 to 0,34 mm² / 24-22 AWG 0,22 to 0,5 mm² / 24-20 AWG 1 mm² / 18 AWG 1,5 mm² / 16 AWG 2,5 mm² / 14 AWG 4 mm² / 12 AWG
	5 Crimping tool for BRC	
	6 Comb-type jumper bar	
	7 IDC jumper	
	8 Shield connector	
	R See section on markers marking method	

M 4/6.ST.Sn.M

Spacing 6 mm + 0,05 (.238")



Standard terminal block - delivered without plug.

CE

Colour	Type	Part number
Tinned contact blades		
Grey	☐ M 4/6.ST.Sn.M	1SNA 115 594 R0700

Characteristics

Wire size		NFC DIN	UL	CSA
Screw clamp	Rigid	0,2-4 mm²		
	Flexible	0,22-4 mm²		
Wrapped		wire DIA. 0,4 to 0,65 mm	3 wrappings	
		wire DIA. 0,4 to 0,8 mm	2 wrappings	

Voltage

Rated	125 V Gr.C		
Impulse withstand			
Pollution degree			

Current

Rated	5 A (1)		
-------	---------	--	--

Wire size

Rated	4 mm²		
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm .374"	4 mm .157"	0,4-0,6 Nm 3.5-5.3 lb.in	

Type

Part numbers

FEMT3	th. 2,5 mm	1SNA 114 328 R2200
BNT1	red	1SNA 105 012 R1100
BNT2	grey	1SNA 114 329 R2300
BNT3	green	1SNA 105 011 R1000
CVABM1		1SNA 183 436 R0500
BRC (2)		1SNA 173 902 R2600
BRC (2)		1SNA 174 558 R0500
BRC (2)		1SNA 173 906 R2200
BRC (2)		1SNA 173 907 R2300
BRC (2)		1SNA 173 908 R0400
BRC (2)		1SNA 174 601 R0100
PSC		1SNA 173 181 R1300
PC61 35 A	10 poles	1SNA 163 311 R2200
AD2,5 24 A		1SNA 114 205 R2000
CBM5	th. 0,5 mm	1SNA 178 745 R1400
CBM8	th. 0,8 mm	1SNA 178 746 R1500

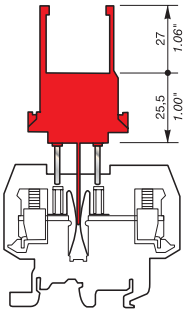
Utilization of each type of plug

Number of operations : 200

On request, the plugs can be replaced by an insertable printed circuit for diagnosis testing.

BNT1 ("voltage" plug)
Red

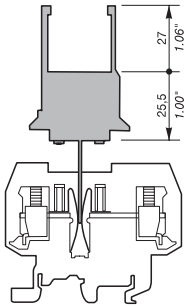
1SNA 105 012 R1100



1st step : the plug cuts the circuit.
2nd step : the test circuit connection is made.

BNT2 ("polarity" plug)
Grey

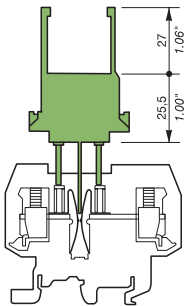
1SNA 114 329 R2300



Plug not equipped with pins cuts the circuit.

BNT3 ("current" plug)
Green

1SNA 105 011 R1000



1st step : the test circuit is established
2nd step : the plug opens the circuit.

Wire lug terminal blocks

 DIN 1 - DIN 3



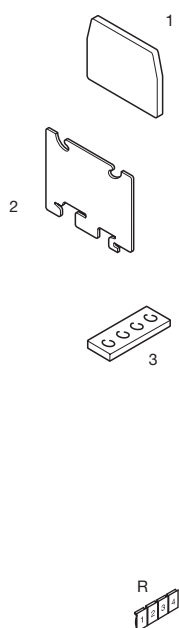
End stop		th. 9 mm	BADL	V0	1SNA 399 903 P0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 P1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 P0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 P1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 P1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 P2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 P0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us..

Accessories



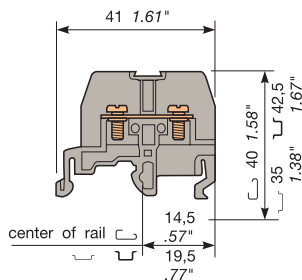
1	End section	grey
2	End section (rail)	white
3	Jumper bar not assembled	41 A
		41 A
		41 A
		41 A
		41 A

Circuit separator	white
-------------------	-------

R See section on markers
marking method

M 6/9.EE

Spacing 9,5 mm - 0,1 (.374")



Strap Screw terminal block

9.5 mm block for lugs - connection with screw



Colour	Type	Part numbers
Grey body - with nuts	☐ M 6/9.EE	1SNA 115 201 R2500
Grey body - without nuts	☐ M 6/9.EE	1SNA 115 296 R1400

Characteristics

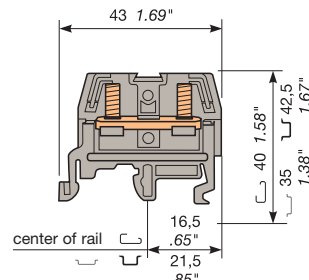
Wire size	NFC DIN	UL	CSA
Lugs	2 screws CL 6-32 NC - 2A DIA, 3,5 mm (.138") for lugs max. width 8,5 mm (.334")		
	0,5-6 mm²	22-8 AWG	8 AWG

Voltage

Rated	750 VGr.C	600 V	600 V
Impulse withstand			
Pollution degree			
Current			
Rated	46 A	40 A	40 A
Wire size			
Rated	6 mm ²	8 AWG	8 AWG
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
	6,35 mm	0,8-1 Nm	
	1/4"	7.1-8.9 lb.in	

M 6/12.FF...

Spacing 12,5 mm (.492")



High Vibration terminal block

12.5 mm block for lugs - stud connection



Colour	Type	Part numbers
Grey body - without nuts		
☐	M 6/12.FF	1SNA 115 511 R0300
White body V0 - with nuts		
☐	M 6/12.FF V0	1SNA 115 263 R2200
White body V0 - without nuts		
☐	M 6/12.FF.1 V0	1SNA 115 262 R2100

Characteristics

Wire size	NFC DIN	UL	CSA
Lugs	2 studs 8-32 UNC - 2A (DIA. 4,16 mm) height 9 mm (.354") for lugs max. width 9,5 mm (.374")		
	6 mm ² max.	8 AWG	18-10 AWG

Voltage

Rated	750 VGr.C	600 V	600 V
Impulse withstand			
Pollution degree			
Current			
Rated	46 A	40 A	25 A
Wire size			
Rated	6 mm ²	8 AWG	10 AWG
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
		1,8 Nm 15.65 lb.in	

Type	Part numbers
------	--------------

FEM 12F	th. 3 mm	1SNA 116 713 R 1600
FEM 12F	th. 3 mm	1SNA 114 023 R 0400
SCF9 (2)		1SNA 103 672 R 0100
BJS12,5 (1)	2 poles	1SNA 174 393 R 2000
BJS12,5 (1)	3 poles	1SNA 174 394 R 2100
BJS12,5 (1)	5 poles	1SNA 174 395 R 2200
BJS12,5 (1)	10 poles	1SNA 174 396 R 2300

Nut only

Nut only	1SNA 175 263 R0600
th. 1 mm 39.6 mm (height) x 50 mm (width)	1SNA 103 672 R0100

RTM7	blank marker (40 blocks)	1SNA	168 410	R0700
RCT610 - RCT810				

Note : (1) Use of these accessories requires the user to cut out the partition.
(2) Use an end section on the previous block.

Wire lug terminal blocks

DIN 1 - DIN 3



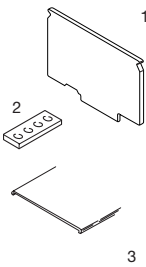
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us..

Accessories



- 1

End section

grey
- 2

Jumper bar not assembled 41 A

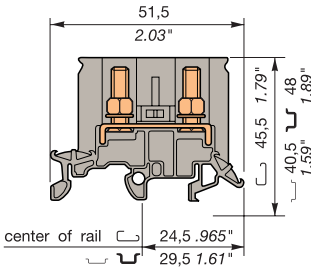
beige
- 3

Protection cover

R See section on markers marking method

M 6/13.FF

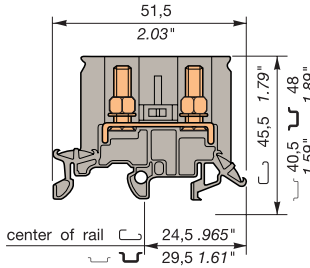
Spacing 13 mm (.512")



13 mm block for lugs with partition - stud connection - 2 studs M4 x 16.

M 6/13.FF.1

Spacing 13 mm (.512")



13 mm block for lugs with partition - stud connection - 2 studs M5 x 16.

Colour	Type	Part numbers	Colour	Type	Part numbers
Grey body - 2 studs M4 x 16			Grey body - 2 studs M5 x 16		
■ M 6/13.FF			■ M 6/13.FF.1		
1SNA 115 626 R1600			1SNA 115 627 R1700		
Beige V0 body - 2 studs M4 x 16			Beige V0 body - 2 studs M5 x 16		
■ M 6/13.FF V0			■ M 6/13.FF.1 V0		
1SNA 195 626 R1700			1SNA 195 627 R1000		

Characteristics				Characteristics							
Wire size		IEC		UL	CSA	Wire size		IEC		UL	CSA
		NFC	DIN					NFC	DIN		
Lugs		2 wires 6 mm²				Lugs		2 wires 6 mm²			
Voltage						Voltage					
Rated		630 V				Rated		630 V			
Impulse withstand		8 kV				Impulse withstand		8 kV			
Pollution degree		3				Pollution degree		3			
Current						Current					
Rated		41 A				Rated		41 A			
Wire size						Wire size					
Rated		6 mm²				Rated		6 mm²			
Wire stripping length	Recomm. screwdriver		Recomm. torque	Protection	Wire stripping length	Recomm. screwdriver		Recomm. torque	Protection		
H 7 mm				1,2-2,5 Nm	H 8 mm				2-4 Nm		
.28"				10.6-21.8 lb.in	.31"				17.4-35 lb.in		

Type				Part numbers					
FEM 13F	th.	1,0 mm	1SNA 116 977	R1700	FEM 13F	th.	1,0 mm	1SNA 116 977	R1700
FEM 13F V0	th.	1,0 mm	1SNA 196 977	R1000	FEM 13F V0	th.	1,0 mm	1SNA 196 977	R1000
BJS 13	(1)	10 poles	1SNA 167 224	R2700	BJS 13	(1)	10 poles	1SNA 167 224	R2700
CPE 43			1SNA 280 092	R2500	CPE 43			1SNA 280 092	R2500

Wire lug terminal blocks

DIN 1 - DIN 3

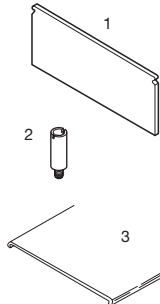
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Accessories

	1	End section	grey
	2	Test socket	beige
	3	Protecting cover	
			
			
			

Wire lug switch terminal blocks

DIN 1 - DIN 3

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

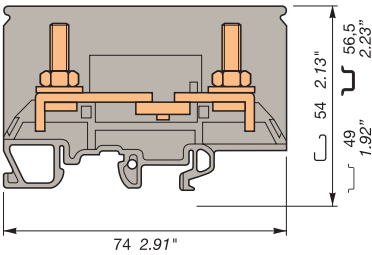
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Accessories

	1	End section	grey
	2	Test socket	beige
	3	Protecting cover	
	R	See section on markers marking method	

165 ET TM5 TM5

Spacing 16 mm (.630")



Switch connection by sliding contact using a screwdriver, 2 studs M 5 x 18 fitted with 1 nut + 1 lock washer.



Color	Type	Part numbers
Grey body V2		
	165 ET TM5 TM5	1SNA 216 112 R1000
Beige body V0		
	165 ET TM5 TM5	1SNA 296 112 R1100

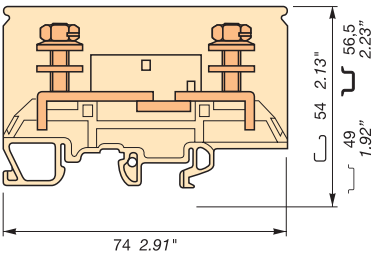
Characteristics

Wire size	IEC	UL	CSA
Lugs	2 wires 16 mm² / 6 AWG		

Voltage			
Rated	800 V		300 V
Impulse withstand	8 kV		
Pollution degree	3		
Current			
Rated	76 A		67 A
Wire size			
Rated	16 mm²		
Wire stripping length	Recomm. wrench	Recomm. torque	Protection
	H 8	2 Nm	IP00
		17,6 lb.in	

165 ET TM5 TM5-1

Spacing 16 mm (.630")



Switch connection by sliding contact using a screwdriver, 2 studs M 5 x 18 fitted with E3 equipment (1 self locking nut + 1 Trep washer + 1 washer).

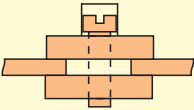
Color	Type	Part numbers
Beige body V0		
	165 ET TM5 TM5-1	1SNA 296 115 R1400

Characteristics

Wire size	IEC	UL	CSA
Lugs	2 wires 16 mm² / 6 AWG		

Voltage			
Rated	800 V		300 V
Impulse withstand	8 kV		
Pollution degree	3		
Current			
Rated	76 A		67 A
Wire size			
Rated	16 mm²		
Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection
	H 8	2,5 Nm	IP00
		21,8 lb.in	

SWITCHING SYSTEM



Wire lug switch terminal blocks

DIN 1 - DIN 3

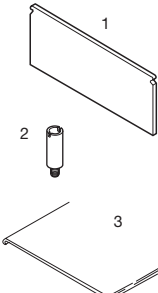
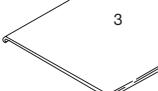
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Accessories

	1	End section	grey
	2	Test socket	beige
	3	Protecting cover	
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			



Terminal blocks

G - Distribution terminal blocks

Summary

1. Distribution bars

Screw clamp ground terminal block	384
Connection with 18 x 3 mm collector bar	385
Bars with base for ground wire	386
Busbar clamp	387

2. Distribution terminal blocks

Phases - Ground assemblies	388
Single pole distribution blocks	390
Three pole distribution blocks	392
Four pole distribution blocks	392

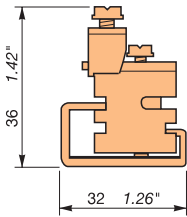
Ground terminal block

Screw clamp

DIN 1 (EN 50035, DIN 46277/1, NFL 63018)

E 10/13.P

Spacing 13 mm (.512")



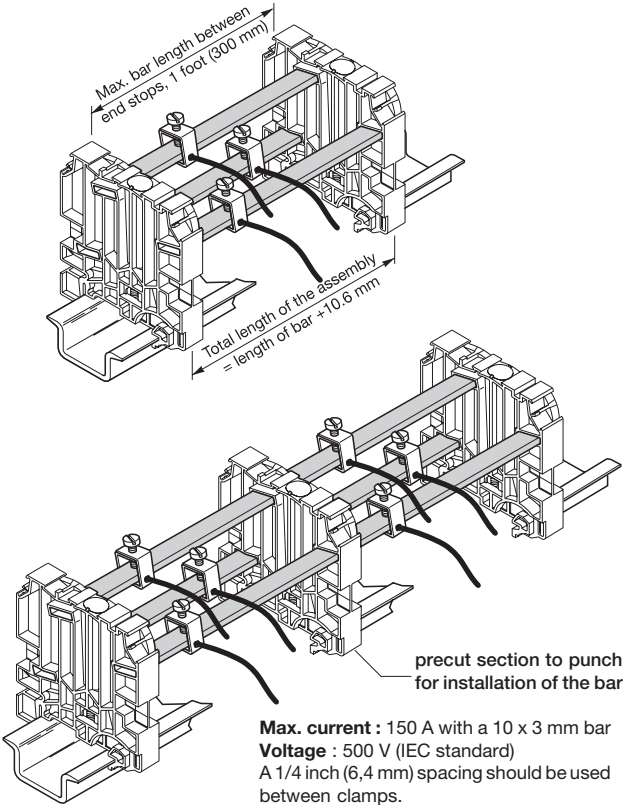
Type			Part number			Type			Part numbers		
1 Screw clamp			Can also be used as end stop								
E 10/13.P			1SNA 162 855 R2300								
Characteristics			NFC DIN		UL	CSA		NFC DIN		UL	CSA
Wire size	Screw clamp	Rigid	0-16 mm²		16-8 AWG						
		Flexible	0-10 mm²		16-8 AWG						
Rated current			A		85						
Rated wire size			mm²/AWG		10 mm²	8 AWG					
Other characteristics			Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection		Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
			12 mm .47"	6.5 mm .25"							
Accessories			Type			Part numbers			Type		
1 Rail 32 x 15			PR1 Z2			1SNA 163 050 R0400					
2 Label with symbol "ground"			IDTBM			1SNA 167 357 R0400					

Distribution of polarities

If the distribution bar is longer than 1 foot (300 mm) use an intermediate end stop for support. In this case the precut bar passages need to be punched out of the end stop.

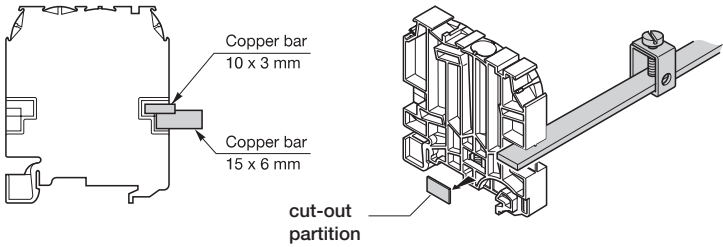
Grey	BADH	1SNA 116 900 R2700
Grey	BAEH	1SNA 116 934 R0400

Description	Types	Part numbers
Copper bar	BO3 1000 x 10 x 3 mm	1SNA 164 406 R2400
Wire clamp	SFB1 20-2 AWG (0.5-35 mm²)	1SNA 163 860 R0500
Wire clamp	SFB2 6-2 AWG (16-35 mm²)	1SNA 168 956 R0600

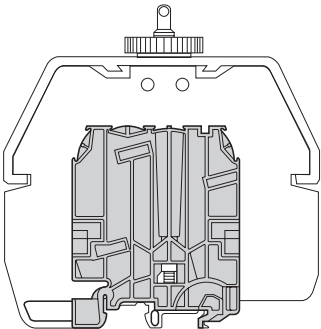


This end stop is also recommended :

1 - For use with neutral switch blocks series "NT"



2 - For use with separators SCFCV4 with protection cover

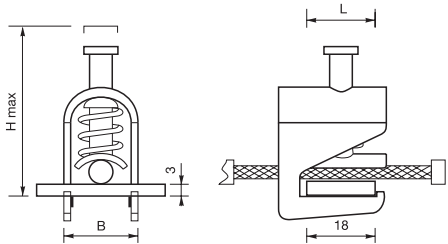


Connection with 18 x 3 mm collector bar

DIN 3

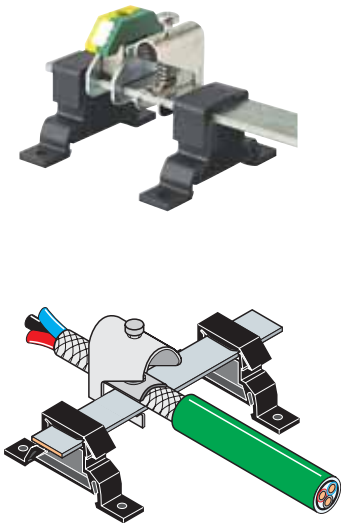
Shield terminals for collector bar

- Mounting on 18 x 3 mm collector bar
- Easy shield connection to a collector bar
- Brass with nickel coating clamp with a steel spring to make contact without damaging the shield
- Shield terminals available in 4 versions (shield diameter from 1,5 to 24 mm)
- Not designed for wire connection
- Mounting : place the shield of the stripped cable on the collector bar. Hold the terminal on the shield, press and snap the terminal onto the collector bar. As soon as the terminal is released, contact is made on the bar through the spring pressure.



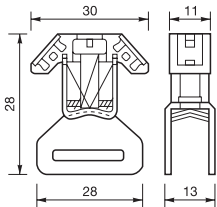
Characteristics

Shield diameter	B (mm)	L (mm)	H max (mm)	Spring force (N)	Description	P/N
1,5 - 6,5	10	25	40	8 - 13	SFB.B1	1SNA 205 170 R1400
5 - 11	17	25	47	22 - 31	SFB.B2	1SNA 205 171 R0100
10 - 17	23	25	63	32 - 58	SFB.B3	1SNA 205 172 R0200
16 - 24	30	25	78	37 - 53	SFB.B4	1SNA 205 173 R0300

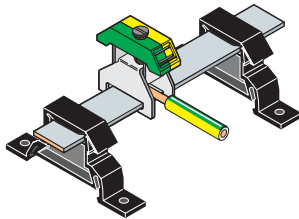


Terminals for collector bar

- 35 mm² terminal for 18 x 3 mm collector bar.
 - Stainless steel clamp and screw
 - Insulating part in polyamid 6,6 without halogen
 - Possibility to print 3 characters per marker
- If a separate ground is required, isolated mounting on rail should be made through a bar holder P/N 1SNA 205 176 R0600

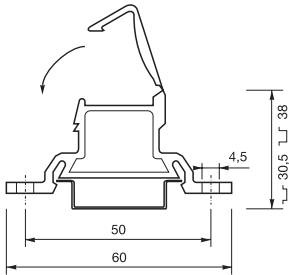


SFB.P 1SNA 205 174 R0400

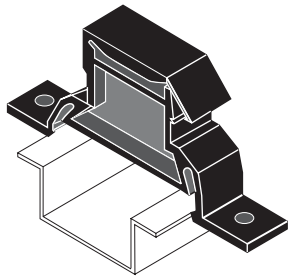


Bar holder (isolated from ground)

- To be screwed on plate or snapped onto DIN 3 rail
- Thermoplastic material, black colour
- Spacing : 12 mm .473"



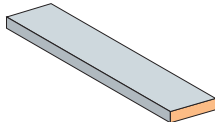
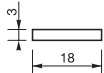
DSPBO.PI 1SNA 205 176 R0600



Collector bar

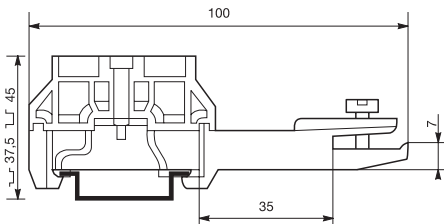
- Electroplated copper with tin coating 18 x 3 x 1000 mm

BO 318 1SNA 205 175 R0500

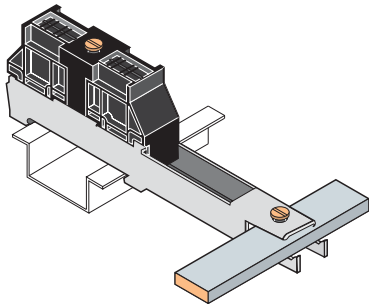


Bar holder (connected to the mounting rail)

- To be snapped onto DIN 3 rail.
- Thermoplastic material, black colour.
- Tinned coated steel socket
- Spacing : 10 mm .394"

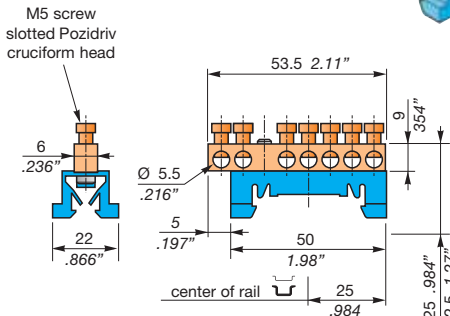
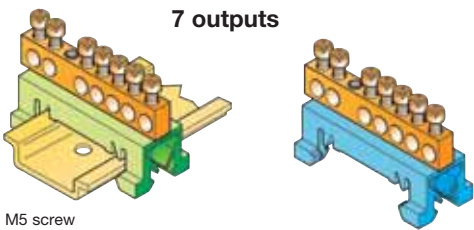


DSPBO.P 1SNA 205 177 R0700



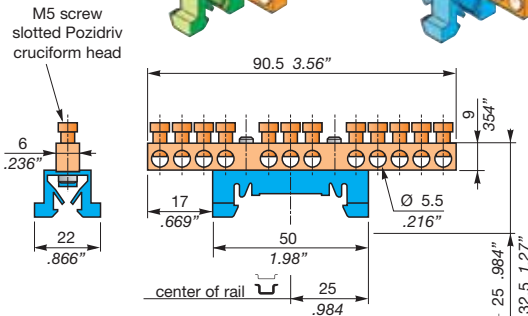
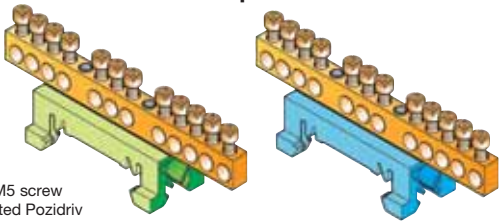
Bars with base for ground wire

DIN 3



Blue or green base - Mounting on DIN 3 rail

12 outputs



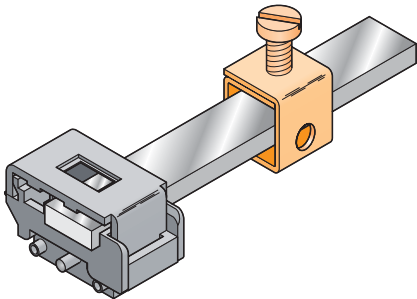
Blue or green base - Mounting on DIN 3 rail

PR3.Z2	35 x 7,5 x 1	1SNA 174 300 R1700
PR4	35 x 15 x 2,3	1SNA 168 500 R1200
PR5	35 x 15 x 1,5	1SNA 168 700 R2200
Other rails : see section on accessories.		

		CE			CE
Type	P/N		Type	P/N	
7 outputs blue base	DBTI		12 outputs blue base	DBTI	
	1SNA 356 100 R1500			1SNA 356 102 R0300	
7 outputs green base	DBTI		12 outputs green base	DBTI	
	1SNA 356 101 R0200			1SNA 356 103 R0400	

Characteristics	IEC	UL	CSA	IEC	UL	CSA
Connection - Screw clamp - Max. wire size	7 outputs 10 mm²			12 outputs 10 mm²		
Torque on screw Screw	1.5 Nm M5	13.3 lb.in M5	13.3 lb.in M5	1.5 Nm M5	13.3 lb.in M5	13.3 lb.in M5

Busbar clamp
10 x 3 or 6 x 6 or 15 x 6 mm
.34 x .12 or .23 x .23 or .59 x .23"
DIN 1 - 2 - 3 or panel mount

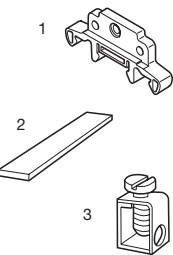


Rail		35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2	1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

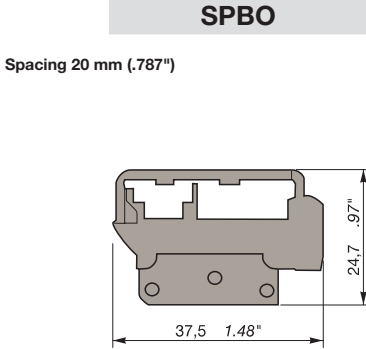
Accessories



- 1 Locking foot
- 2 Busbar
- 3 Wire clamp



R See section on markers marking method



Colour	Type	Part number
Reversible grey clamp	SPBO	1SNA 114 712 R1300

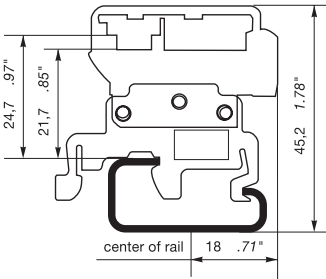
Characteristics

Wire size		NFC	DIN	UL	CSA
Screw lamp	Rigid				
	Flexible				
Neutral bar		see beside			
Voltage					
Rated	~ AC	750 V Gr.C			
Rated	= DC	660 V Gr.C			
Pollution degree					
Current					
Rated					
Wire size					
Rated / Gauge					
Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection		

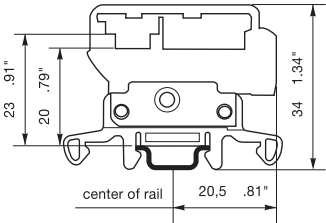
Type	Part numbers
ACD13-6 for rail DIN 1 or DIN 3	1SNA 113 135 R0000
ACD23-6 for rail DIN 2 or DIN 3	1SNA 118 005 R2700
BO3 10x3 mm	1SNA 164 406 R2400
BO6 15x6 mm	1SNA 168 417 R2200
SFB1 for BO3 - 20-2 AWG (0,5-35mm²)	1SNA 163 860 R0500
SFB2 for BO3 - 6-2 AWG (16-35mm²)	1SNA 168 956 R0600
SFB3 for BO6 - 4-00 AWG (19-95mm²)	1SNA 168 690 R1000

RC610

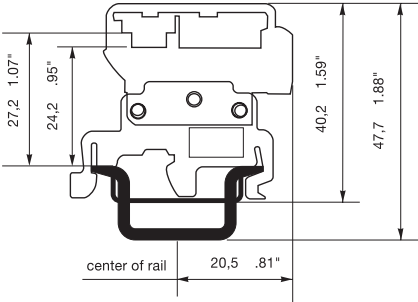
Mounting on rail PR1 with mounting foot
ACD13-6 1SNA 113 135 R0000 (DIN 1 - DIN 3)



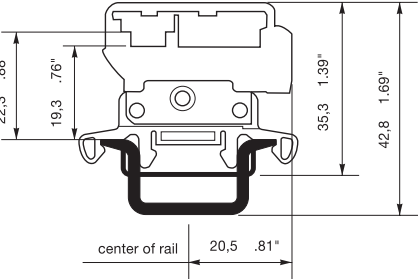
Mounting on rail PR2 with mounting foot
ACD23-6 1SNA 118 005 R2700 (DIN 2 - DIN 3)



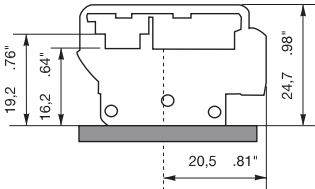
Mounting on rails PR3, PR30, PR4, PR5
with mount.foot ACD13-6 1SNA 113 135 R0000 (DIN 1 - DIN 3)



with mount.foot ACD23-6 1SNA 118 005 R2700 (DIN 2 - DIN 3)

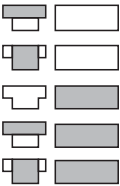


Mounting on panel by M4 screw



Various options of placing the busbars on the busbar clamp

Busbars	BO3 10 x 3	6 x 6	BO6 15 x 6
Option n° 1	X		
Option n° 2		X	
Option n° 3			X
Option n° 4	X		X
Option n° 5		X	X



Distribution terminal blocks

- phase
- ground

DIN 1-3



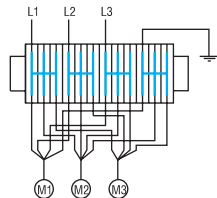
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Other end stops, rails and accessories : see section on accessories.

Notes

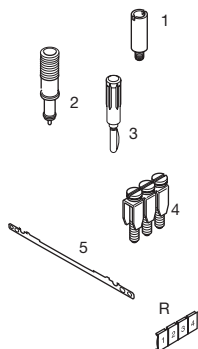
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Example of application :

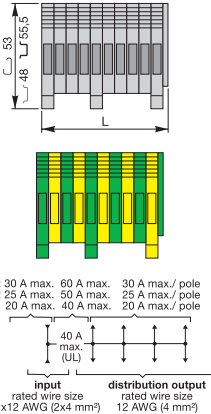
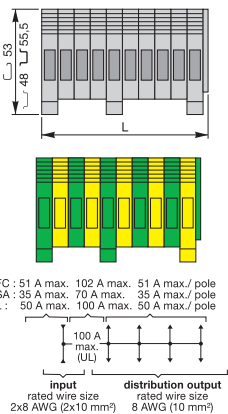


The monobloc connector bar ensures perfect continuity between input and distribution. Each block has 2 Screw clamp terminals.

Accessories



- 1 Test socket
- 2 Test device
- 3 Test plug
- 4 Assembled jumper bar (without IP 20 protection)
- 4 Assembled jumper bar (with IP 20 protection)
- 5 Shield connector
- R See section on markers marking method

MB 4/6.L...				MB 6/8.L...							
MB 4/6.P...				MB 6/8.P...							
Spacing 6 mm (.238")				Spacing 8 mm (.315")							
											
NFC : 30 A max., 60 A max., 30 A max./ pole CSA : 25 A max., 50 A max., 25 A max./ pole UL : 20 A max., 40 A max., 20 A max./ pole				NFC : 51 A max., 102 A max., 51 A max./ pole CSA : 35 A max., 70 A max., 35 A max./ pole UL : 50 A max., 100 A max., 50 A max./ pole							
input rated wire size 2x12 AWG (2x4 mm²) distribution output rated wire size 12 AWG (4 mm²)				input rated wire size 2x8 AWG (2x10 mm²) distribution output rated wire size 8 AWG (10 mm²)							
CE				CE							
Colour		Type	Part numbers	Colour		Type	Part numbers				
Phases		Nb of blocks	L mm	Phases		Nb of blocks	L mm				
Grey	□	2	14,5	MB 4/6.L2	1SNA 115 406 R1300	Grey	□	2	18,5	MB 6/8.L2	1SNA 115 413 R0100
Grey	□	3	20,5	MB 4/6.L3	1SNA 115 407 R1400	Grey	□	3	26,5	MB 6/8.L3	1SNA 115 414 R0200
Grey	□	4	26,5	MB 4/6.L4	1SNA 115 408 R2500	Grey	□	4	34,5	MB 6/8.L4	1SNA 115 415 R0300
Grey	□	5	32,5	MB 4/6.L5	1SNA 115 409 R2600	Grey	□	5	42,5	MB 6/8.L5	1SNA 115 416 R0400
Grey	□	6	38,5	MB 4/6.L6	1SNA 115 410 R1200	Grey	□	6	50,5	MB 6/8.L6	1SNA 115 417 R0500
Grey	□	8	50,5	MB 4/6.L8	1SNA 115 411 R0700	Grey	□	8	66,5	MB 6/8.L8	1SNA 115 418 R1600
Grey	□	10	62,5	MB 4/6.L10	1SNA 115 412 R0000	Grey	□	10	82,5	MB 6/8.L10	1SNA 115 419 R1700
Ground (no electrical connection ro rail)				Ground (no electrical connection ro rail)							
Green-Yellow	■	2	14,5	MB 4/6.P2	1SNA 165 420 R2600	Green-Yellow	■	2	18,5	MB 6/8.P2	1SNA 165 427 R1100
Green-Yellow	■	3	20,5	MB 4/6.P3	1SNA 165 421 R1300	Green-Yellow	■	3	26,5	MB 6/8.P3	1SNA 165 428 R2200
Green-Yellow	■	4	26,5	MB 4/6.P4	1SNA 165 422 R1400	Green-Yellow	■	4	34,5	MB 6/8.P4	1SNA 165 429 R2300
Green-Yellow	■	5	32,5	MB 4/6.P5	1SNA 165 423 R1500	Green-Yellow	■	5	42,5	MB 6/8.P5	1SNA 165 430 R2000
Green-Yellow	■	6	38,5	MB 4/6.P6	1SNA 165 424 R1600	Green-Yellow	■	6	50,5	MB 6/8.P6	1SNA 165 431 R1500
Green-Yellow	■	8	50,5	MB 4/6.P8	1SNA 165 425 R1700	Green-Yellow	■	8	66,5	MB 6/8.P8	1SNA 165 432 R1600
Green-Yellow	■	10	62,5	MB 4/6.P10	1SNA 165 426 R1000	Green-Yellow	■	10	82,5	MB 6/8.P10	1SNA 165 433 R1700
Characteristics				Characteristics							
Wire size		IEC DIN	UL	CSA	Wire size		IEC DIN	UL	CSA		
Screw clamp	Rigid	0,2-4 mm²	22-10 AWG	22-12 AWG	Screw clamp	Rigid	0,5-10 mm²	22-8 AWG	20-8 AWG		
	Flexible	0,22-4 mm²	22-10 AWG	22-12 AWG		Flexible	0,5-6 mm²	22-8 AWG	20-8 AWG		
Voltage				Voltage							
Rated		800 V	600 V	600 V	Rated		800 V	600 V	600 V		
Impulse withstand		8 kV			Impulse withstand		8 kV				
Pollution degree		3			Pollution degree		3				
Current				Current							
Rated	Short-circuit	32A	300A/1s	20 A	25 A	Rated	Short-circuit	41A	720A/1s	50 A	35 A
Wire size				Wire size							
Rated / Gauge		4 mm²/A4	10 AWG	10 AWG	Rated / Gauge		6 mm²	8 AWG	8 AWG		
Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection		Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection			
9,5 mm	4 mm	0,5-0,8 Nm	IP20		12 mm	4-5 mm	0,8-1 Nm	IP20			
.37"	.16"	4.5-7.1 lb.in	NEMA 1		.47"	.16-.20"	7.1-8.9 lb.in	NEMA 1			
Type		Part numbers		Type		Part numbers					
AL2	DIA. 2 mm	1SNA 163 043 R2100		AL2	DIA. 2 mm	1SNA 163 043 R2100					
AL3	DIA. 3 mm	1SNA 163 261 R0000		AL3	DIA. 3 mm	1SNA 163 261 R0000					
AL4	DIA. 4 mm	1SNA 163 262 R0100		AL4	DIA. 4 mm	1SNA 163 262 R0100					
DCJ	yellow	1SNA 173 059 R0300		DCO	orange	1SNA 173 060 R0000					
FC2	DIA. 2 mm	1SNA 007 865 R2600		FC2	DIA. 2 mm	1SNA 007 865 R2600					
FC4	DIA. 4 mm	1SNA 167 860 R0100		FC4	DIA. 4 mm	1SNA 167 860 R0100					
BJM6	2 to 10 poles	(1)		BJM8	2 to 10 poles	(1)					
BJMI6	2 to 10 poles	(1)		BJMI8	2 to 10 poles	(1)					
CBM5	th. 0,5 mm	1SNA 178 745 R1400									
CBM8	th. 0,8 mm	1SNA 178 746 R1500									
RC65 - RC610				RC810							
Note : (1) See section : accessories											

MB 10/10.L...

MB 10/10.P...

Spacing 10 mm (.394")

Diagram showing the MB 10/10.L and MB 10/10.P terminal blocks. The top diagram shows the physical dimensions: a height of 53 mm and a width of 48 mm. The bottom diagram shows the wiring configurations for different standards: NFC (71 A max./pole), CSA (50 A max./pole), UL (65 A max./pole), and a 130 A max. (UL) configuration. It also shows the input and distribution output rated wire sizes: 2x6 AWG (2x16 mm²) for input and 6 AWG (16 mm²) for distribution output.

MB 70/10.L...

MB 70/10.P...

Spacing 10 mm (.394") with single connection point

Diagram showing the MB 70/10.L and MB 70/10.P terminal blocks. The top diagram shows the physical dimensions: a height of 56.7 mm and a width of 51.7 mm. The bottom diagram shows the wiring configurations for different standards: NFC (71 A max./pole), CSA (239 A max./pole), UL (71 A max./pole), and a 65 A max./pole configuration. It also shows the input and distribution output rated wire sizes: 1 x 00 AWG (1 x 70 mm²) for input and 6 AWG (16 mm²) for distribution output.

MB 2x70/10.L...

MB 2x70/10.P...

Spacing 10 mm (.394") with double connection point

Diagram showing the MB 2x70/10.L and MB 2x70/10.P terminal blocks. The top diagram shows the physical dimensions: a height of 56.7 mm and a width of 51.7 mm. The bottom diagram shows the wiring configurations for different standards: NFC (71 A max./pole), CSA (256 A max./pole), UL (71 A max./pole), and a 65 A max./pole configuration. It also shows the input and distribution output rated wire sizes: 1 x 00 AWG (1 x 70 mm²) for input and 6 AWG (16 mm²) for distribution output.

Colour	Type	Part numbers
Phases	Nb of L blocks mm	
Grey	2 22,5	MB 10/10.L2 1SNA 115 328 R2300
Grey	3 32,5	MB 10/10.L3 1SNA 115 329 R2400
Grey	4 42,5	MB 10/10.L4 1SNA 115 330 R2100
Grey	5 52,5	MB 10/10.L5 1SNA 115 331 R1600
Grey	6 62,5	MB 10/10.L6 1SNA 115 332 R1700
Grey	8 82,5	MB 10/10.L8 1SNA 115 333 R1000
Grey	10 102,5	MB 10/10.L10 1SNA 115 334 R1100
Ground (no electrical connection to rail)		
Green-Yellow	2 22,5	MB 10/10.P2 1SNA 165 343 R0400
Green-Yellow	3 32,5	MB 10/10.P3 1SNA 165 344 R0500
Green-Yellow	4 42,5	MB 10/10.P4 1SNA 165 345 R0600
Green-Yellow	5 52,5	MB 10/10.P5 1SNA 165 346 R0700
Green-Yellow	6 62,5	MB 10/10.P6 1SNA 165 347 R0000
Green-Yellow	8 82,5	MB 10/10.P8 1SNA 165 348 R1100
Green-Yellow	10 102,5	MB 10/10.P10 1SNA 165 349 R1200

Colour	Type	Part numbers
Phases	Nb of L blocks mm	
Grey	2x1 54	MB 70/10.L2 1SNA 115 335 R1200
Grey	2x2 74	MB 70/10.L4 1SNA 115 336 R1300
Grey	2x3 94	MB 70/10.L6 1SNA 115 337 R1400
Grey	2x4 114	MB 70/10.L8 1SNA 115 338 R2500
Ground (no electrical connection to rail)		
Green-Yellow	2x1 54	MB 70/10.P2 1SNA 165 350 R1700
Green-Yellow	2x2 74	MB 70/10.P4 1SNA 165 351 R0400
Green-Yellow	2x3 94	MB 70/10.P6 1SNA 165 352 R0500
Green-Yellow	2x4 114	MB 70/10.P8 1SNA 165 353 R0600

Colour	Type	Part numbers
Phases	Nb of L blocks mm	
Grey	2x4 143	MB 2x70/10.L8 1SNA 115 342 R2100
Ground (no electrical connection to rail)		
Green-Yellow	2x4 143	MB 2x70/10.P8 1SNA 165 357 R0200

Characteristics			
Wire size		IEC	UL
Compression clamp	Rigid	0,5-16 mm²	22-6 AWG
	Flexible	0,5-10 mm²	22-6 AWG
		DIN	CSA
		18-6 AWG	18-6 AWG
Voltage			
Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		
Current			
Rated	Short-circuit	63A	1200A/1s
Rated / Gauge		65 A	50 A
Wire size			
Rated / Gauge		10 mm²	6 AWG
Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
12 mm	5,5-6 mm	1,2-1,4 Nm	IP20
.47"	.22-.24"	10.6-12.3 lb.in	NEMA 1

Characteristics			
Wire size		IEC	UL
Compression clamp	Rigid	0,5-16 mm²	22-6 AWG
	Flexible	0,5-10 mm²	22-6 AWG
		DIN	CSA
		14-6 AWG	14-6 AWG
		Max. 95 mm²	00 AWG
		Rated 70 mm²	00 AWG max.
Voltage			
Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		
Current			
Rated	Short-circuit	63A	1200A/1s
Rated / Gauge		200 A	200 A
Wire size			
Rated / Gauge		10 mm²	6 AWG
Wire strip. length	Recomm. screwdriver	Recomm. torque (screws)	Recomm. torque (lugs)
12 mm	5,5-6 mm	1,2-1,4 Nm	6 Nm
.47"	.22-.24"	10.6-12.3 lb.in	52 lb.in

Characteristics			
Wire size		IEC	UL
Compression clamp	Rigid	0,5-16 mm²	22-6 AWG
	Flexible	0,5-10 mm²	22-6 AWG
		DIN	CSA
		14-6 AWG	14-6 AWG
		Max. 2x95 mm²	00 AWG
		Rated 2x70 mm²	00 AWG max.
Voltage			
Rated	800 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		
Current			
Rated	Short-circuit	63A	1200A/1s
Rated / Gauge		200 A	200 A
Wire size			
Rated / Gauge		10 mm²	6 AWG
Wire strip. length	Recomm. screwdriver	Recomm. torque (screws)	Recomm. torque (lugs)
12 mm	5,5-6 mm	1,2-1,4 Nm	6 Nm
.47"	.22-.24"	10.6-12.3 lb.in	52 lb.in

Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
AL4	DIA. 4 mm 1SNA 163 262 R0100
FC2	DIA. 2 mm 1SNA 007 865 R2600
FC4	DIA. 4 mm 1SNA 167 860 R0100
BJM10	2 to 10 poles (1)
BJMI10	2 to 10 poles (1)
RC65 - RC610	RC810 RC1010

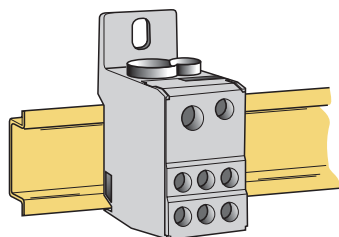
Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
AL4	DIA. 4 mm 1SNA 163 262 R0100
FC2	DIA. 2 mm 1SNA 007 865 R2600
FC4	DIA. 4 mm 1SNA 167 860 R0100
BJM10	2 to 4 poles (1)
BJMI10	2 to 4 poles (1)
RC65 - RC610	RC810 RC1010

Type	Part numbers
AL2	DIA. 2 mm 1SNA 163 043 R2100
AL3	DIA. 3 mm 1SNA 163 261 R0000
AL4	DIA. 4 mm 1SNA 163 262 R0100
FC2	DIA. 2 mm 1SNA 007 865 R2600
FC4	DIA. 4 mm 1SNA 167 860 R0100
BJM10	2 to 4 poles (1)
BJMI10	2 to 4 poles (1)
RC65 - RC610	RC810 RC1010

Note : (1) See section : accessories

Single pole distribution blocks

 DIN 3



BADL		th. 9 mm	V0 1SNA 399 903 R0200
BAM2		th. 10 mm	V2 1SNA 206 351 R1600
BAM2 V0		th. 10 mm	V0 1SNA 296 351 R0000
BADH		th. 12 mm	V2 1SNA 116 900 R2700
BAMH		th. 9,1 mm	V2 1SNA 114 836 R0000
BAMH V0		th. 9,1 mm	V0 1SNA 194 836 R0100
PR3.Z2		35 x 7,5 x 1	1SNA 174 300 R1700
PR4		35 x 15 x 2,3	1SNA 168 500 R2100
PR5		35 x 15 x 1,5	1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories

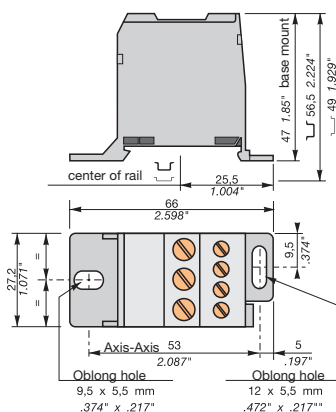
Characteristics

Rated voltage	
Rated current	
Inputs	(maximum wire size) left input wire size right input wire size
Recommended torque	
Recommended torque wrench	
Outputs	with ferrules without ferrules
Recommended torque	
wire size with/without ferrule	
Recommended torque	
wire size with or without ferrule	
Recommended torque	
Screwdriver	

Accessories

[illegible]

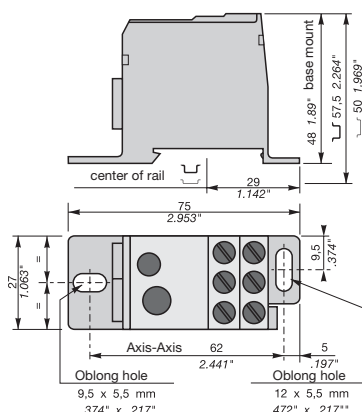
BRU 80 A



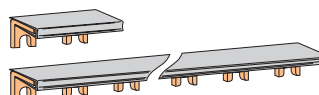
Three holes on unit top allow wire entry from top or bottom.
Rail (DIN 3) or base mount with 2 x M5 screws. Unit may be mounted horizontally or vertically.
Finger contact protection IP 20.

			
Type		P/N	
Grey body			
BRU 80 A	1SNA 356 208 F2500		

BRU 125 A



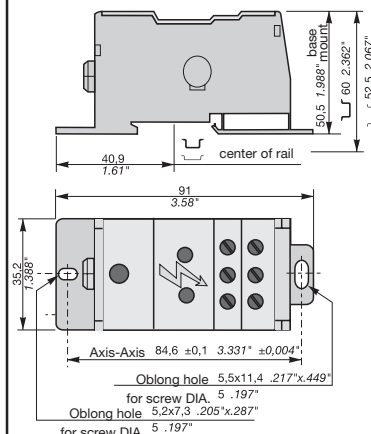
Rail (DIN 3) or base mounted (M5 screw)
Colour : grey



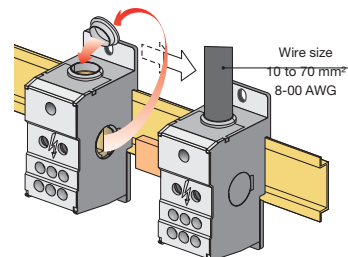
Jumper bar : 2 spades 20 mm² or
8 spades 20 mm² (to be cut)

 US	
Type	P/N
Grey body	
BRU 125 A	1SNA 356 204 R1100

BRU 160 A



Rail (DIN 3) or base mounted (M5 screw)
Colour : grey



		CE
Type	P/N	
Grey body		
BRU 160 A	1SNA 356 200 R2100	

IEC

690 V 80 A 2,5 - 16 mm ²	600 V 80 A 14 - 4 AWG
1.5 Nm	1.5 Nm
2 x 16 mm ² 1,5 Nm	14 AWG to 4 AWG 1,5 Nm
4 x 2.5 to 6 mm ² 0.8 Nm	14 AWG to 10 AWG 0.8 Nm
Posidriv Z2 or flat	
Weight	
73 gr 0.16 lb	

Weight

73 gr
0.16 lb

[illegible]

Weight

137 gr
0.3 lb

690 V 160 A 10 - 70 mm ²	600 V 160 A 8 - 00 AWG
4 Nm 6 flats/5 mm	35 lb.in 6 flats/5 mm
6 x 2,5 to 16 mm ² 2 Nm	14 AWG to 6 AWG 17.6 lb.in
Weight	
234 gr <i>0.516 lb</i>	

Weight

234 gr
0.516 lb

BO 16/5	2 poles	1 SNA	356 201	R 1600
BO 16/5	3 poles	1 SNA	356 202	R 1700
BO 16/5	4 poles	1 SNA	356 203	R 1000

Single pole distribution blocks

DIN 3



BADL		th. 9 mm	V0	1SNA 399 903 R0200
BAM2		th. 10 mm	V2	1SNA 206 351 R1600
BAM2 V0		th. 10 mm	V0	1SNA 296 351 R0000
BADH		th. 12 mm	V2	1SNA 116 900 R2700
BAMH		th. 9,1 mm	V2	1SNA 114 836 R0000
BAMH V0		th. 9,1 mm	V0	1SNA 194 836 R0100
PR3.Z2		35 x 7,5 x 1		1SNA 174 300 R1700
PR4		35 x 15 x 2,3		1SNA 168 500 R1200
PR5		35 x 15 x 1,5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

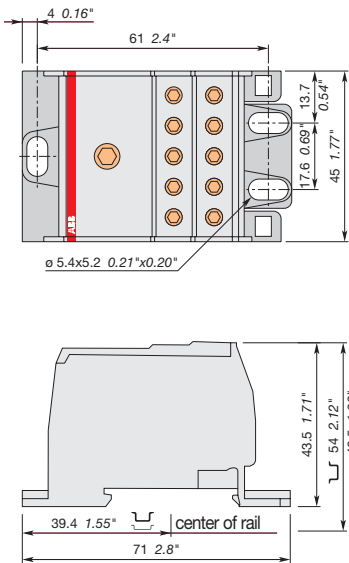
Characteristics

Rated voltage	690 V
Rated current	175 A
Input (min. - max. wire size)	16 - 70 mm²
Recommended torque	6 Nm
Allen key	6 flats/5 mm
Outputs	
wire size with ferrule	10 x 2,5 to 16 mm²
wire size without ferrule	10 x 2,5 to 16 mm²
Recommended torque	3 Nm
wire size with/without ferrule	
Recommended torque	
wire size with or without ferrule	
Recommended torque	

Accessories

Type	P/N

BRU 175



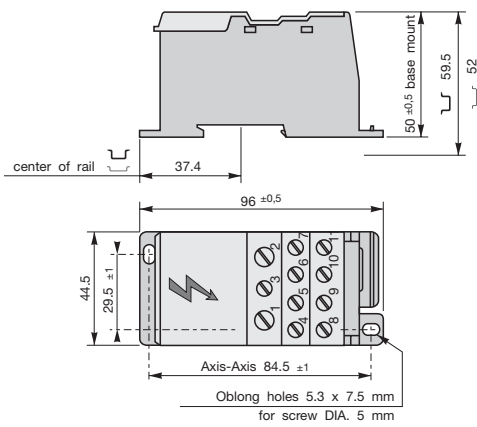
Type	P/N
Grey body	BRU 175 1SNA 356 212 R0000

IEC	UL/CSA
690 V	600 V
175 A	175 A
16 - 70 mm²	6 AWG - 2/0 AWG
6 Nm	55.2 lb.in
6 flats/5 mm	6 flats/5 mm
10 x 2,5 to 16 mm²	10 x14AWG to 4AWG
10 x 2,5 to 16 mm²	10 x14AWG to 4AWG
3 Nm	27.6 lb.in

Weight
230 gr
0.507 lb

Type	P/N

BRU 250 A



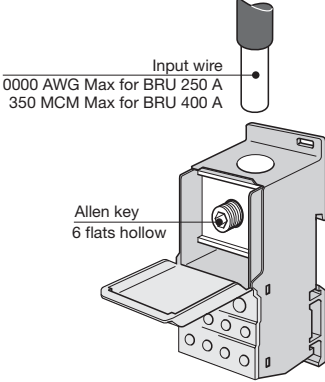
Type	P/N
Grey body	BRU 250 A 1SNA 179 657 R1500
Black body	BRU 250 ALU 1SNA 356 207 R1400

IEC	UL/CSA
690 V	600 V
250 A	230 A
35 - 120 mm²	2 - 0000 AWG
19 Nm	170 lb.in
6 flats/6 mm	6 flats/6 mm
2 x 2,5 to 25 mm²	2x14AWG to 4AWG
2 x 2,5 to 35 mm²	2x14AWG to 2AWG
3,5 Nm	31 lb.in
5 x 2,5 to 16 mm²	5x14AWG to 6AWG
2 Nm	18 lb.in
4 x 2,5 to 10 mm²	4x14AWG to 8AWG
2 Nm	18 lb.in

Weight
BRU 250 A
450 gr
0.992 lb
BRU 250 ALU
220 gr
0.485 lb

Type	P/N

BRU 400 A



Type	P/N
Grey body	BRU 400 A 1SNA 179 650 R2200

IEC	UL/CSA
690 V	600 V
400 A	310 A
95 - 185 mm²	000 AWG - 350 MCM
25 Nm	230 lb.in
6 flats/8 mm	6 flats/8 mm
2 x 2,5 to 25 mm²	2x14AWG to 4AWG
2 x 2,5 to 35 mm²	2x14AWG to 2AWG
3,5 Nm	31 lb.in
5 x 2,5 to 16 mm²	5x14AWG to 6AWG
2 Nm	18 lb.in
4 x 2,5 to 10 mm²	4x14AWG to 8AWG
2 Nm	18 lb.in

Weight
450 gr
0.992 lb

Type	P/N

Three and four pole distribution blocks

DIN 3



Three pole



Four pole

BADL		th. 9 mm	V0 1SNA 399 903 R0200
BAM2		th. 10 mm	V2 1SNA 206 351 R1600
BAM2 V0		th. 10 mm	V0 1SNA 296 351 R0000
BADH		th. 12 mm	V2 1SNA 116 900 R2700
BAMH		th. 9,1 mm	V2 1SNA 114 836 R0000
BAMH V0		th. 9,1 mm	V0 1SNA 194 836 R0100
PR3.Z2		35 x 7,5 x 1	1SNA 174 300 R1700
PR4		35 x 15 x 2,3	1SNA 168 500 R1200
PR5		35 x 15 x 1,5	1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

BRT 115 A		BRT 175 A		BRTC 125 A																																																											
Three pole		Three pole		Four pole																																																											
																																																															
Type	P/N	Type	P/N	Type	P/N																																																										
Grey body BRT 115 A	1SNA 356 209 R2600	Grey body BRT 175 A	1SNA 356 210 R2100	Grey body BRTC 125 A	1SNA 356 211 R0700																																																										
<table><tr><th>IEC</th><th>UL/CSA</th></tr><tr><td>690 V</td><td>600 V</td></tr><tr><td>125 A</td><td>115 A</td></tr><tr><td>10 to 35 mm²</td><td>8 to 2 AWG</td></tr><tr><td>6 Nm</td><td>53.1 lb. in</td></tr><tr><td>6 flats 4mm</td><td></td></tr><tr><td>6 x 2,5 to 16 mm²</td><td>6 x 14 to 4 AWG</td></tr><tr><td>3 Nm</td><td>26.53 lb. in</td></tr><tr><td>6 flats 3mm</td><td></td></tr></table>		IEC	UL/CSA	690 V	600 V	125 A	115 A	10 to 35 mm²	8 to 2 AWG	6 Nm	53.1 lb. in	6 flats 4mm		6 x 2,5 to 16 mm²	6 x 14 to 4 AWG	3 Nm	26.53 lb. in	6 flats 3mm		<table><tr><th>IEC</th><th>UL/CSA</th></tr><tr><td>690 V</td><td>600 V</td></tr><tr><td>175 A</td><td>175 A</td></tr><tr><td>16 to 70 mm²</td><td>6 to 2/0 AWG</td></tr><tr><td>6 Nm</td><td>53.1 lb. in</td></tr><tr><td>6 flats 5 mm</td><td></td></tr><tr><td>6 x 2,5 to 16 mm²</td><td>6 x 14 to 4 AWG</td></tr><tr><td>3 Nm</td><td>26.53 lb. in</td></tr><tr><td>6 flats 3mm</td><td></td></tr></table>		IEC	UL/CSA	690 V	600 V	175 A	175 A	16 to 70 mm²	6 to 2/0 AWG	6 Nm	53.1 lb. in	6 flats 5 mm		6 x 2,5 to 16 mm²	6 x 14 to 4 AWG	3 Nm	26.53 lb. in	6 flats 3mm		<table><tr><th>IEC</th><th>UL/CSA</th></tr><tr><td>690 V</td><td></td></tr><tr><td>125 A</td><td></td></tr><tr><td>10 to 35 mm²</td><td></td></tr><tr><td>1,5 to 3 Nm</td><td></td></tr><tr><td>5 x 1 to 6 mm²</td><td></td></tr><tr><td>2 x 1,5 to 10 mm²</td><td></td></tr><tr><td>0,8 to 1,2 Nm</td><td></td></tr><tr><td>6 x 1,5 to 10 mm²</td><td></td></tr><tr><td>4 x 1,5 to 6 mm²</td><td></td></tr><tr><td>0,8 to 1,2 Nm</td><td></td></tr></table>		IEC	UL/CSA	690 V		125 A		10 to 35 mm²		1,5 to 3 Nm		5 x 1 to 6 mm²		2 x 1,5 to 10 mm²		0,8 to 1,2 Nm		6 x 1,5 to 10 mm²		4 x 1,5 to 6 mm²		0,8 to 1,2 Nm	
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Weight		Weight		Weight																																																											
400 gr		400 gr		320 gr																																																											
Type	P/N	Type	P/N	Type	P/N																																																										
Coupling with wire		Coupling with wire		Coupling with wire																																																											



Terminal blocks

H - Special applications

Summary

1. ATEX  terminal blocks for explosive atmospheres	396
2. Terminal blocks for railway applications and blocks mounted on reinforced rail type 2	425
3. Other terminal blocks for special applications	485

Terminal Blocks **entrelec®** : The best in connection

Introducing the new ABB ATEX certified Terminal Block **entrelec®** range



As one of the world leaders in connection technology and the world's leading supplier to the oil and gas transportation industry, ABB is pleased to introduce you to its dedicated terminal block range for safe use in explosive atmospheres.

The range is certified to the highest possible certification level of the new ATEX 94/9/EC European directive and offers maximized safety to offer you true security products.

Safe use and Applications



ABB's dedicated ATEX range is designed and certified for use in all industries with potentially explosive atmospheres caused by gas or dust inflammation such as: petrochemical industries, off shores installations, mines industries, flour mills, silos ... etc...

The following pages are meant to provide you with some basic information relative to the ATEX directive and protection methods particularly suitable for terminal blocks.

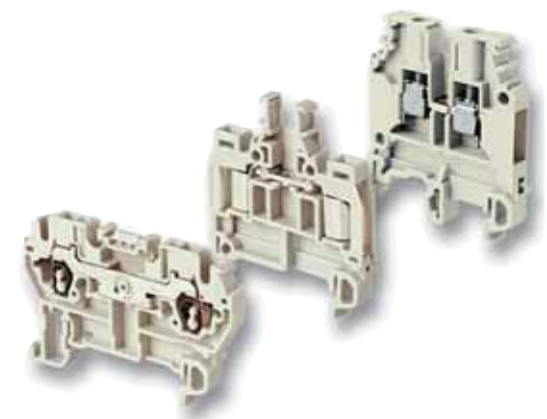
We insist on the increased demand for safety required by the ATEX directive and describe what has been the design and manufacturing choice of ABB to provide you with true security products.



Comprehensive range

The ATEX terminal block range provides terminal blocks in the three main technologies: screw clamp, spring clamp and ADO system® in feed through (grey), neutral (blue) and ground versions. ABB ATEX terminal block range is available in V0 (per UL94) material.

As we are constantly extending our product portfolios, please do not hesitate to contact your local sales if you would like to request an ATEX certified terminal block not mentioned in these pages.





Terminal blocks

H - Special applications

H1 - ATEX terminal blocks for explosive atmospheres

Summary

Screw clamp connection DIN 1 - 3	396
Standard and ground terminal blocks	396
Double deck terminal blocks	401
Three level sensor terminal blocks	402
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 ADO System® connection miniblocks DIN 2 - 3	 422

Standard and ground Terminal blocks

Screw clamp  DIN 1-3



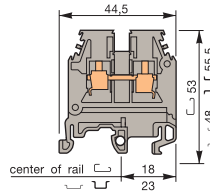
Exe and Exi voltage ratings apply to terminal blocks only without any accessory and mounted on DIN 3 rail. The use of ground terminal blocks do not decrease the standard terminal block's voltage ratings.

For the terminal block voltage rating with its accessories, consult our "ATEX technical instructions sheet for safe mounting".

End stop		th. 9 mm	BADL	VO	1SNA 399 903 R0200
End stop		th. 9,1 mm	BAM2	VO	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

MA 2,5/5...Ex

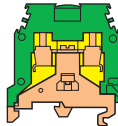
Spacing 5 mm .200"



Standard 5 mm block

MA 2,5/5.P.Ex

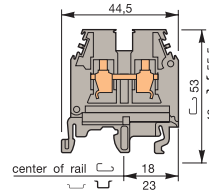
Spacing 5 mm .200"



Terminal block for ground wire.

M 4/6...Ex

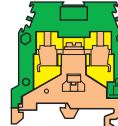
Spacing 6 mm .238"



Standard 6 mm block

M 4/6.P.Ex

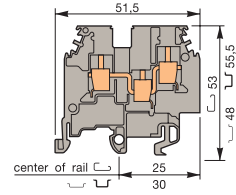
Spacing 6 mm .238"



Terminal block for ground wire.

M 4/6.3A...Ex

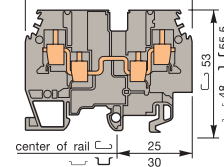
Spacing 6 mm .238"



Standard 6 mm block
One circuit and three clamps

M 4/6.4A...Ex

Spacing 6 mm .238"



Standard 6 mm block
One circuit and four clamps

						Type		P/N	Type		P/N	Type		P/N
Standard blocks UL 94 V0						MA 2,5/5.Ex		1SNA 146 014 R1300	M 4/6.Ex		1SNA 146 001 R2700	M 4/6.3A.Ex		1SNA 146 010 R2300
						MA 2,5/5.N.Ex		1SNA 146 015 R1400	M 4/6.N.Ex		1SNA 146 002 R2000	M 4/6.3A.N.Ex		1SNA 146 011 R1000
									M 4/6.Ex		1SNA 146 245 R0700	M 4/6.4A.Ex		1SNA 146 012 R1100
									M 4/6.Ex		1SNA 146 285 R2000	M 4/6.4A.N.Ex		1SNA 146 013 R1200
Terminal blocks for ground wires UL 94 V0						MA 2,5/5.P.Ex		1SNA 146 240 R1600	M 4/6.P.Ex		1SNA 146 237 R2700			
						MA 2,5/5.P.Ex		1SNA 146 016 R1500	M 4/6.P.Ex		1SNA 146 023 R1400			
Characteristics						IEC	UL		IEC	UL		IEC	UL	
Wire size						NFC DIN			NFC DIN			NFC DIN		
Rigid						0.2 - 4	22-12 AWG		0.2 - 4	22-10AWG		0.2 - 4	22-10AWG	
Flexible						0.22 - 2.5			0.22 - 4			0.22 - 4		
mm ² / AWG														
Rated wire size						2.5 mm ²	12 AWG		4 mm ²	10 AWG		4 mm ²	10 AWG	
Short circuit current (for ground blocks)						A / s			480 A / 1 s					
Wire stripping length						mm / inches	10 mm / .39"		9.5 mm / .37"			9.5 mm / .37"		
Recommended torque						Nm / lb.in	0.4-0.6 Nm / 3.5-5.3 lb.in		0.5-0.8 Nm / 4.4-7.1 lb.in			0.5-0.8 Nm / 4.4-7.1 lb.in		
Voltage						IEC / EN 60079-7 ; IEC / EN 50020	Exe : 750 V Exi : 90 V		Exe : 750 V Exi : 375 V			Exe : 420 V Exi : 190 V		
Current							24 A		32 A			32 A		
ATEX marking							Ex I M2 / M1 Ex II 2GD / 1GD		Ex I M2 / M1 Ex II 2GD / 1GD			Ex I M2 / M1 Ex II 2GD / 1GD		
ATEX certificate							Ex e/i I / II		Ex e/i I / II			Ex e/i I / II		
							LCIE 02 ATEX 0025U		LCIE 02 ATEX 0014U			LCIE 02 ATEX 0028U		
Accessories						Type	P/N	Type	P/N	Type	P/N	Type	P/N	Type
1 End section						grey	FEM6 V0 • th. 2,8 1SNA 146 259 R1500	FEM6 V0 • th. 2,8 1SNA 146 259 R1500		FEM6 V0 (4) th. 2,8 1SNA 146 261 R0700		FEM6 V0 (4) th. 2,8 1SNA 146 261 R0700		
						blue	FEM6 V0 • th. 2,8 1SNA 199 302 R0700	FEM6 V0 • th. 2,8 1SNA 199 302 R0700		FEM6 V0 (4) th. 2,8 1SNA 126 576 R1700		FEM6 V0 (4) th. 2,8 1SNA 126 576 R1700		
						yellow	FEM6 V0 • th. 2,8 1SNA 199 305 R0200	FEM6 V0 • th. 2,8 1SNA 199 305 R0200		FEM6 V0 (5) th. 2,8 1SNA 146 262 R0000		FEM6 V0 (5) th. 2,8 1SNA 146 262 R0000		
						orange	FEM6 • th. 2,8 1SNA 103 126 R1600	FEM6 • th. 2,8 1SNA 103 126 R1600		FEM6 (5) th. 2,8 1SNA 126 629 R2400		FEM6 (5) th. 2,8 1SNA 126 629 R2400		
						green	FEM6 • th. 2,8 1SNA 103 125 R1500	FEM6 • th. 2,8 1SNA 103 125 R1500						
2 Circuit separator						grey	SCMA5 • 1SNA 116 728 R2500	SCM6 • 1SNA 113 003 R1000		SCM6 • 1SNA 113 003 R1000		SCM6 • 1SNA 113 003 R1000		
3 Separator end section (block)						grey	SCF6 th. 3 1SNA 118 707 R0300	SCF6 th. 3 1SNA 118 707 R0300						
4 Separator end section (rail)						grey	SCFM6 th. 3 1SNA 114 825 R0500	SCFM6 th. 3 1SNA 114 825 R0500						
8 Preassembled jumper bar IP 20 touchproof						2 poles	BJM5 (1) • 1SNA 176 278 R1600	BJM6 (1) • 1SNA 176 663 R0000		BJM6 (1) • 1SNA 176 663 R0000		BJM6 (1) • 1SNA 176 663 R0000		
						3 poles	BJM5 (1) • 1SNA 176 279 R1700	BJM6 (1) • 1SNA 176 664 R0100		BJM6 (1) • 1SNA 176 664 R0100		BJM6 (1) • 1SNA 176 664 R0100		
						4 poles	BJM5 (1) • 1SNA 176 280 R0500	BJM6 (1) • 1SNA 176 665 R0200		BJM6 (1) • 1SNA 176 665 R0200		BJM6 (1) • 1SNA 176 665 R0200		
						5 poles	BJM5 (1) • 1SNA 176 281 R2200	BJM6 (1) • 1SNA 176 666 R0300		BJM6 (1) • 1SNA 176 666 R0300		BJM6 (1) • 1SNA 176 666 R0300		
						10 poles	BJM5 (1) • 1SNA 176 282 R2300	BJM6 (1) • 1SNA 176 667 R0400		BJM6 (1) • 1SNA 176 667 R0400		BJM6 (1) • 1SNA 176 667 R0400		
9 Connector plate							EL6 • 1SNA 173 627 R2100	EL6 • 1SNA 173 627 R2100		EL6 • 1SNA 173 627 R2100		EL6 • 1SNA 173 627 R2100		
10 Jumper bar not preassembled						20 poles	BJS5 (1) • 1SNA 177 652 R0600							
Post + screw + washer							EV5 • 1SNA 168 629 R1600							
11 Jumper bar not preassembled						20 poles		BJS6 (1) • 1SNA 174 784 R2000		BJS6 (1) • 1SNA 174 784 R2000		BJS6 (1) • 1SNA 174 784 R2000		
Post + washer + captive screw IP20								EV6I • 1SNA 206 394 R0200		EV6I • 1SNA 206 394 R0200		EV6I • 1SNA 206 394 R0200		
12 Comb-type jumper bar						10 poles	PC5 (3) • 1SNA 113 544 R1200	PC6 (3) • 1SNA 113 548 R2600		PC6 (3) • 1SNA 113 548 R2600		PC6 (3) • 1SNA 113 548 R2600		
Isolating cover							EIP • 1SNA 113 550 R2400	EIP • 1SNA 113 550 R2400		EIP • 1SNA 113 550 R2400		EIP • 1SNA 113 550 R2400		
13 Shielding connector						th. 0.5	CBM5 • 1SNA 178 745 R1400	CBM5 • 1SNA 178 745 R1400		CBM5 • 1SNA 178 745 R1400		CBM5 • 1SNA 178 745 R1400		
						th. 0.8	CBM8 • 1SNA 178 746 R1500	CBM8 • 1SNA 178 746 R1500		CBM8 • 1SNA 178 746 R1500		CBM8 • 1SNA 178 746 R1500		
14 Protection label								EP6 • 1SNA 163 427 R1700		EP6 • 1SNA 163 427 R1700		EP6 • 1SNA 163 427 R1700		
Screw for protection label						4 blocks		VSP6 • 1SNA 163 433 R1500		VSP6 • 1SNA 163 433 R1500		VSP6 • 1SNA 163 433 R1500		
							• These accessories cannot be mounted on MA 2,5/5.P.Ex block	• These accessories cannot be mounted on M 4/6.P.Ex block						
R See markers section							RC 55 - RC510	RC 65 - RC610		RC 65 - RC610		RC 65 - RC610		
Other accessories see section accessories														

(1) A circuit separator SC is required with the use of these accessories. (2) Use of these accessories requires the cut-out of the block body (precut). (3) For other configurations of poles, see accessories. (4) For M 4/6.3A...Ex. (5) For M 4/6.4A...Ex.

Standard and ground Terminal blocks

Screw clamp  DIN 1-3



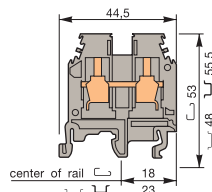
Exe and Exi voltage ratings apply to terminal blocks only without any accessory and mounted on DIN 3 rail. The use of ground terminal blocks do not decrease the standard terminal block's voltage ratings.

For the terminal block voltage rating with its accessories, consult our "ATEX technical instructions sheet for safe mounting".

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 9,1 mm	BAM2	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

M 6/8...Ex

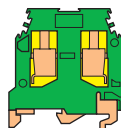
Spacing 8 mm .315"



Standard 8 mm block

M 6/8.P.Ex

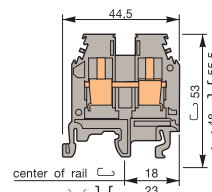
Spacing 8 mm .315"



Terminal block for ground wire.

M 10/10...Ex

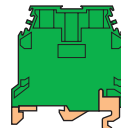
Spacing 10 mm .394"



Standard 10 mm block

M 10/10.P.Ex

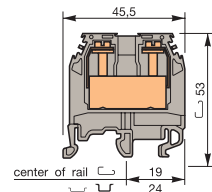
Spacing 10 mm .394"



Terminal block for ground wire.
(M 10/10.P.Ex closed terminal block)

M 16/12...Ex

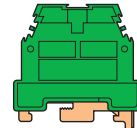
Spacing 12 mm .473"



Standard 12 mm block with partition

M 16/12.P.Ex

Spacing 12mm .473"



Terminal block for ground wire.
(M 16/12.P.Ex closed terminal block)

		Type	P/N	Type	P/N	Type	P/N
Standard blocks UL 94 V0		Grey body					
		Blue body					
Terminal blocks for ground wires UL 94 V0			Green/yellow body (without rail contact)		Green/yellow body (without rail contact)		Green/yellow body (without rail contact)
			Green/yellow body (with rail contact)		Green/yellow body (with rail contact)		Green/yellow body (with rail contact)
Characteristics		IEC	UL	IEC	UL	IEC	UL
Wire size	Rigid	NFC DIN		NFC DIN		NFC DIN	
	Flexible						
mm ² / AWG		0.5 - 10	22-8 AWG	0.5 - 16	20-6 AWG	0.5 - 25	18-6 AWG
Rated wire size	mm ² / AWG	0.5 - 6		0.5 - 10		0.5 - 16	
Short circuit current (for ground blocks)	A / s	6 mm ²	8 AWG	10 mm ²	6 AWG	16 mm ²	4 AWG
Wire stripping length	mm / inches	720 A/1 s		1200 A/1 s		1920 A/1 s	
Recommended torque	Nm / lb.in	12 mm / .47"		12 mm / .47"		14 mm / .55"	
Voltage	IEC / EN 60079-7 / - II ; IEC / EN 50020	0.8-1 Nm / 7.1-8.9 lb-in		1.2-1.4 Nm / 10.6-12.3 lb-in		1.2-1.4 Nm / 10.6-12.3 lb-in	
Current		Exe : 420 V Exi : 190 V		Exe : 420 V Exi : 190 V		Exe : 550 V Exi : 375 V	
ATEX marking		41 A		57 A		76 A	
ATEX certificate		Exe e/i I / II		Exe e/i I / II		Exe e/i I / II	
Accessories		LCIE 02 ATEX 0014U		LCIE 02 ATEX 0014U		LCIE 02 ATEX 0014U	
		Type	P/N	Type	P/N	Type	P/N
1 End section	grey 	FEM6 V0	• th. 2,8  1SNA 146 259 R1500	FEM6 V0	• th. 2,8  1SNA 146 259 R1500	FEM12 V0	• th. 2,8  1SNA 146 270 R1400
	blue 	FEM6 V0	• th. 2,8  1SNA 199 302 R0700	FEM6 V0	• th. 2,8  1SNA 199 302 R0700	FEM12	• th. 2,8  1SNA 128 618 R0300
	yellow 	FEM6 V0	• th. 2,8  1SNA 199 305 R0200	FEM6 V0	• th. 2,8  1SNA 199 305 R0200	FEM12	• th. 2,8  1SNA 103 065 R2400
	orange 	FEM6	• th. 2,8  1SNA 103 126 R1600	FEM6	• th. 2,8  1SNA 103 126 R1600	FEM12 V0	• th. 2,8  1SNA 198 618 R0200
	green 	FEM6	• th. 2,8  1SNA 103 125 R1500	FEM6	• th. 2,8  1SNA 103 125 R1500		
2 Circuit separator	grey 	SCM6	 1SNA 113 003 R1000	SCM6	 1SNA 113 003 R1000		
	grey 	SCF6	th. 3  1SNA 118 707 R0300	SCF6	th. 3  1SNA 118 707 R0300	SCF 12	• 1SNA 113 102 R1000
3 Separator end section (block)	grey 	SCFM6	th. 3  1SNA 114 825 R0500	SCFM6	th. 3  1SNA 114 825 R0500	SCFM6	1SNA 114 825 R0500
4 Separator end section (rail)	grey 						
8 Preassembled jumper bar IP 20 touchproof	2 poles	BJM10 (1)	• 1SNA 176 669 R1600	BJM10 (1)	• 1SNA 176 675 R0400	BJM12 (2)	• 1SNA 179 626 R0600
	3 poles	BJM10 (1)	• 1SNA 176 670 R1300	BJM10 (1)	• 1SNA 176 676 R0500	BJM12 (2)	• 1SNA 179 628 R1000
	4 poles	BJM10 (1)	• 1SNA 176 671 R0000	BJM10 (1)	• 1SNA 176 677 R0600	BJM12 (2)	• 1SNA 179 629 R1100
	5 poles	BJM10 (1)	• 1SNA 176 672 R0100	BJM10 (1)	• 1SNA 176 678 R1700	BJM12 (2)	• 1SNA 179 630 R1600
	10 poles	BJM10 (1)	• 1SNA 176 673 R0200	BJM10 (1)	• 1SNA 176 679 R1000	BJM12 (2)	• 1SNA 179 631 R0300
9 Connector plate		EL6	• 1SNA 173 627 R2100				
10 Jumper bar not preassembled	20 poles						
Post + screw + washer							
11 Jumper bar not preassembled	20 poles	BJS8 (1)	• 1SNA 174 789 R0500	BJS10 (1)	• 1SNA 177 654 R0000	BJS12 (2)	• 1SNA 177 653 R0700
Post + washer + captive screw IP20		EV6I	• 1SNA 206 394 R0200	EV6I	• 1SNA 206 394 R0200	EV12	• 1SNA 168 664 R1100
12 Comb-type jumper bar	10 poles	PC8 (3)	• 1SNA 163 313 R2400	PC10	• 1SNA 163 315 R2600		
13 Shielding connector	th. 0.5 th. 0.8						
14 Protection label	3 blocks	EP6	• 1SNA 163 427 R1700	EP8	• 1SNA 163 428 R2000	EP10	• 1SNA 163 429 R2100
	4 blocks	EP8	• 1SNA 163 428 R2000	EP10	• 1SNA 163 429 R2100	EP12	• 1SNA 163 430 R2600
Screw for protection label		VSP6	• 1SNA 163 433 R1500	VSP6	• 1SNA 163 433 R1500	VSP12	• 1SNA 163 432 R1400
R See markers section		RC 65 - RC610 - RC810		RC 65 - RC610 - RC810		RC 65 - RC610 - RC810	
Other accessories see section accessories		(1) Use of these accessories requires the cut-out of the block body (precut).					

Double-deck terminal blocks

Screw clamp  DIN 1-3



Exe and Exi voltage ratings apply to terminal blocks only without any accessory and mounted on DIN 3 rail.

For the terminal block voltage rating with its accessories, consult our "ATEX technical instructions sheet for safe mounting".

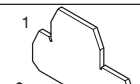
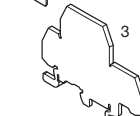
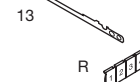
End stop		th. 12 mm	BADH	V2	1SNA 116 900 R2700
End stop		th. 12 mm	BAEH	V2	1SNA 116 934 R0400
End stop		th. 9,1 mm	BAMH V0	V0	1SNA 194 836 R0100
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Standard blocks UL 94 V0  Grey body
 Blue body

Characteristics

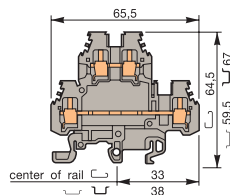
Wire size	Rigid	UL	IEC NFC DIN	UL	Type	P/N
mm ² / AWG			0.2 - 4	22-12 AWG	MA 2,5/5.D2.Ex	1SNA 146 017 R1600
			0.22 - 2.5		MA 2,5/5.D2.N.Ex	1SNA 146 018 R2700
					MA 2,5/5.D2.1.Ex	1SNA 146 019 R2000
Rated wire size	mm ² / AWG		2.5 mm ²	12 AWG		
Wire stripping length	mm / inches		9 mm / .35"			
Recommended torque	Nm / lb.in		0.4-0.6 Nm / 3.5-5.3 lb.in			
Voltage	IEC / EN 60079-7 ; IEC / EN 50020		Exe : 380 V	Exi : 90 V		
Current			24 A			
ATEX marking			Ex I M2 / M1	Ex II 2GD / 1GD		
ATEX certificate			Ex e/i I / II			
			LCIE 02 ATEX 0026U			

Accessories

	1 End section	grey  blue 	FEM6D V0 FEM6	th. 1  1SNA 146 260 R1200 th. 1  1SNA 128 499 R2500	FEM6D V0 FEM6D	th. 1  1SNA 146 260 R1200 th. 1  1SNA 128 499 R2500
	2 Circuit separator	grey  Beige V0 	SCMA5D (3)	th. 1  1SNA 116 720 R2100	SCM6D (3)	th. 1  1SNA 113 482 R0500
	3 Separator end section (block)	grey 			SCM6D V0 (3)	th. 1  1SNA 193 482 R0600
					SCF6D	th. 1  1SNA 118 495 R1700
	7 Preassembled jumper bar not IP 20	2 poles 3 poles 4 poles 5 poles 10 poles	BJM5D (1) (2) BJM5D (1) (2) BJM5D (1) (2) BJM5D (1) (2) BJM5D (1) (2)	1SNA 176 226 R2200 1SNA 176 227 R2300 1SNA 176 228 R0400 1SNA 176 229 R0500 1SNA 176 230 R0200	BJM6D (1) (2) BJM6D (1) (2) BJM6D (1) (2) BJM6D (1) (2) BJM6D (1) (2)	1SNA 173 515 R1100 1SNA 173 516 R1200 1SNA 173 517 R1300 1SNA 173 519 R2500 1SNA 173 520 R2200
	8 Preassembled jumper bar with IP 20 touchproof	2 poles 3 poles 4 poles 5 poles 10 poles	BJM5D (1) (2) BJM5D (1) (2) BJM5D (1) (2) BJM5D (1) (2) BJM5D (1) (2)	1SNA 176 736 R2100 1SNA 176 737 R2200 1SNA 176 738 R0300 1SNA 176 739 R0400 1SNA 176 740 R1100	BJM6D (1) (2) BJM6D (1) (2) BJM6D (1) (2) BJM6D (1) (2) BJM6D (1) (2)	1SNA 179 668 R2000 1SNA 179 669 R2100 1SNA 179 670 R2600 1SNA 179 671 R1300 1SNA 179 672 R1400
	9 Connector plate		EL6	1SNA 173 627 R2100	EL6	1SNA 173 627 R2100
	10 Jumper bar not preassembled Post + screw + washer		BJS5D (1) (2) 20 poles EV5D	1SNA 177 651 R0500 1SNA 176 260 R1000	BJS61 (1) (2) 10 poles EV6D	1SNA 168 485 R2700 1SNA 168 400 R1600
	11 Comb-type jumper bar Isolating cover	10 poles	PC5 EIP	1SNA 113 544 R1200 1SNA 113 550 R2400	PC61	1SNA 163 311 R2200
	12 Vertical interconnection		ITV5	1SNA 176 259 R1300	ITV6	1SNA 168 962 R0400
	13 Shielding connector	th. 0.5	CBM5D	1SNA 173 530 R2400	CBM5D	1SNA 173 530 R2400
	R See markers section		RC510		RC65 - RC610	
	</					

MA 2,5/5.D2... .Ex

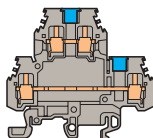
Spacing 5 mm .200"



Standard 5 mm block

MA 2,5/5.D2.1.Ex

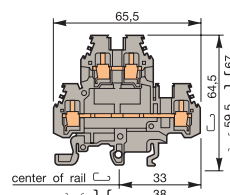
Spacing 5 mm .200"



M 2,5/5.D2.Ex with partition

M 4/6.D2.Ex

Spacing 6 mm .238"



Standard 6 mm block

(1) A circuit separator SC is required with the use of these accessories.

(2) Use of these accessories requires the cut-out of the block body (precut). (3) Except M 2,5/5.D2.1.Ex and M 4/6.D2.1.Ex

Three level sensor terminal blocks

Screw clamp  DIN 3



Exe and Exi voltage ratings apply to terminal blocks only without any accessory and mounted on DIN 3 rail.
For the terminal block voltage rating with its accessories, consult our "ATEX technical instructions sheet for safe mounting".

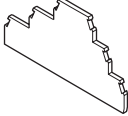
End stop		th. 12 mm	BADH	V2	1 SNA 116 900 R2700
End stop		th. 9,1 mm	BAMH V0	V0	1 SNA 194 836 R0100
Rail		35 x 7,5 x 1	PR3.Z2		1 SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1 SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1 SNA 168 700 R2200

Standard blocks UL 94 V0  Grey body
 Blue body

Characteristics

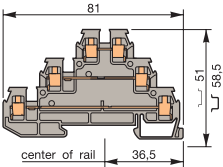
		IEC NFC DIN	UL
Wire size	Rigid	0.2 - 2.5	20-12 AWG
	Flexible	0.22 - 2.5	
mm² / AWG			
Rated wire size	mm² / AWG	2.5 mm²	12 AWG
Wire stripping length	mm / inches	6 mm / .24"	
Recommended torque	Nm / lb.in	0.4-0.6 Nm / 3.5-5.3 lb-in	
Voltage	IEC / EN 60079-7 ; IEC / EN 50020	Exe : 60 V Exi : 30 V	
Current		22 A	
ATEX marking		 I M2 / M1  II 2GD / 1GD	
		Ex e/i I / II	
ATEX certificate		LCIE 03 ATEX 0024U	

Accessories

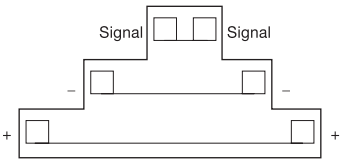
	1 End section	grey 	FED3E	th. 3 	1 SNA 116 771 R2000
	2 Preassembled jumper bar without IP 20 touchproof - 22 A	2 poles	BJD6		1 SNA 178 024 R2500
		3 poles	BJD6		1 SNA 178 025 R2600
		4 poles	BJD6		1 SNA 178 026 R2700
		5 poles	BJD6		1 SNA 178 027 R2000
		10 poles	BJD6		1 SNA 178 032 R2500
	20 poles	BJD6		1 SNA 178 033 R2600	
	3 Connector plate	22 A	EL61		1 SNA 177 812 R1700
	4 IDC jumper	24 A	AD2,5		1 SNA 114 205 R2000
	R See markers section		RC65	red - blank	1 SNA 103 776 R0100
			RC65	blue - blank	1 SNA 103 775 R0000
Other accessories see section accessories					

D 2,5/6.DA...Ex

Spacing 6 mm .238"



Three level block for power without ground protection.



Power supply block for sensors/actuators - Three-wires without Led.

Safety connection terminal blocks

Screw clamp  DIN 1-3

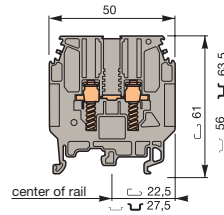


Exe and Exi voltage ratings apply to terminal blocks only without any accessory and mounted on DIN 3 rail.

For the terminal block voltage rating with its accessories, consult our "ATEX technical instructions sheet for safe mounting".

M 4/6.RS.Ex

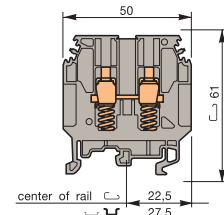
Spacing 6 mm .238"



Compression clamp terminal for bare wire or equipped with bent lug.
- 1 spring under each wire-clamp

M 6/8.RS.Ex

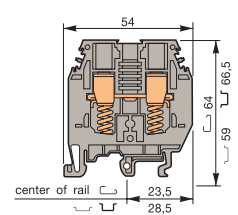
Spacing 8 mm .315"



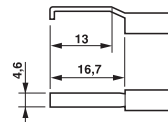
Compression clamp terminal for bare wire or equipped with bent lug.
- 1 spring under each wire-clamp

M 10/10.RS.Ex

Spacing 10 mm .394"



Compression clamp terminal for bare wire or equipped with bent lug.
- 1 spring under each wire-clamp



Ground wire-clamp holds 2 bent lugs, as above (not supplied)

for connection of wires :

0.28 to 1.5 mm²

1.0 to 2.5 mm²

2.5 to 6.0 mm² (only for M 10/10.RS.Ex)

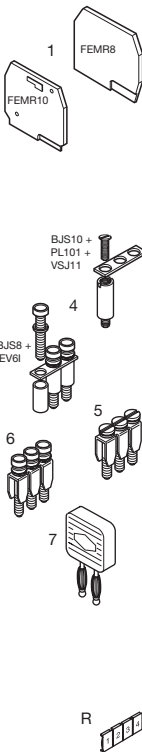
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 9,1 mm	BAM2	V0	1SNA 296 351 R0000
Rail		35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2		1SNA 163 050 R0400

Standard blocks UL 94 V0  Grey body

Characteristics

Wire size	Screw clamp	Rigid	0.2 - 4	0.28 - 1.65		0.5 - 10	0.28 - 2.5		0.5 - 16	0.28 - 6	
		Flexible	0.22 - 4			0.5 - 6			0.5 - 10		
mm² / AWG											
	Lugs	Flexible	0.5 - 1.5	0.28 - 1.65			0.28 - 2.5			0.28 - 6	
Rated wire size		mm² / AWG	4 mm²	1.65 mm²		6 mm²	2.5 mm²		10 mm²	6 mm²	
Wire stripping length		mm / inches	13 mm / .51"			13 mm / .51"			14 mm / .55"		
Recommended torque		Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb-in			0.8-1 Nm / 7.1-8.9 lb-in			1.2-1.4 Nm / 10.6-12.3 lb-in		
Voltage	IEC / EN 60079-7 ; IEC / EN 50020		Exe : 750 V Exi : 375 V			Exe : 550 V Exi : 375 V			Exe : 550 V Exi : 375 V		
Current			32 A			41 A			46 A		
ATEX marking			 I M2 / M1  II 2GD / 1GD			 I M2 / M1  II 2GD / 1GD			 I M2 / M1  II 2GD / 1GD		
			Ex e/i I / II			Ex e/i I / II			Ex e/i I / II		
ATEX certificate			LCIE 05 ATEX 004U			LCIE 02 ATEX 0012U			LCIE 02 ATEX 0012U		

Accessories

	1 End section	grey	FEMR8	th. 2,8 □ 1SNA 146 272 R0200	FEMR8	th. 2,8 □ 1SNA 146 272 R0200	FEMR10	th. 2,8 □ 1SNA 146 273 R0300
	4 Jumper bar not assembled		BJS6 (1) 2 poles 1SNA 164 573 R2200 BJS6 (1) 3 poles 1SNA 164 574 R2300 BJS6 (1) 4 poles 1SNA 164 575 R2400 BJS6 (1) 5 poles 1SNA 164 736 R2500 BJS6 (1) 10 poles 1SNA 164 576 R2500 BJS6 (1) 20 poles 1SNA 174 784 R2000 EV6I 1SNA 206 394 R0200	BJS8 (1) 2 poles 1SNA 164 581 R1300 BJS8 (1) 3 poles 1SNA 164 582 R1400 BJS8 (1) 4 poles 1SNA 164 583 R1500 BJS8 (1) 5 poles 1SNA 164 737 R2600 BJS8 (1) 10 poles 1SNA 164 584 R1600 BJS8 (1) 15 poles 1SNA 174 788 R0400 BJS8 (1) 20 poles 1SNA 174 789 R0500 EV6I 1SNA 206 394 R0200	BJS10 (1) 2 poles 1SNA 164 585 R1700 BJS10 (1) 3 poles 1SNA 164 586 R1800 BJS10 (1) 4 poles 1SNA 164 587 R1900 BJS10 (1) 5 poles 1SNA 168 273 R1100 BJS10 (1) 10 poles 1SNA 164 588 R2200 BJS10 (1) 20 poles 1SNA 177 654 R0000 PT101 1SNA 163 181 R1100 VSJ11 1SNA 163 394 R2600			
	5 Assembled jumper bar not IP 20		BJM6 (1) 2 poles 1SNA 168 516 R2500 BJM6 (1) 3 poles 1SNA 168 517 R2600 BJM6 (1) 4 poles 1SNA 168 518 R0700 BJM6 (1) 5 poles 1SNA 168 519 R0000 BJM6 (1) 10 poles 1SNA 168 973 R0700	BJM8 (1) 2 poles 1SNA 168 520 R0500 BJM8 (1) 3 poles 1SNA 168 521 R2200 BJM8 (1) 4 poles 1SNA 168 522 R2300 BJM8 (1) 5 poles 1SNA 168 523 R2400 BJM8 (1) 10 poles 1SNA 168 974 R0000				
	6 Assembled jumper bar with IP 20 touchproof		BJM6 (1) 2 poles 1SNA 176 663 R0000 BJM6 (1) 3 poles 1SNA 176 664 R0100 BJM6 (1) 4 poles 1SNA 176 665 R0200 BJM6 (1) 5 poles 1SNA 176 666 R0300 BJM6 (1) 10 poles 1SNA 176 667 R0400	BJM8 (1) 2 poles 1SNA 176 669 R1600 BJM8 (1) 3 poles 1SNA 176 670 R1300 BJM8 (1) 4 poles 1SNA 176 671 R0000 BJM8 (1) 5 poles 1SNA 176 672 R0100 BJM8 (1) 10 poles 1SNA 176 673 R0200				
	7 Short circuiting plug			BP8.A4 1SNA 173 888 R2000				
	R See markers section		RC610		RC810		RC610 - RC810	
	Other accessories see section accessories		(1) Use of these accessories requires the cut-out of the block body (precut).					

Power terminal blocks

 **DIN 3 with bistable foot and base mounting**



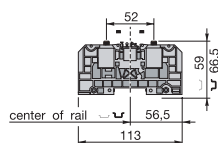
Exe voltage ratings apply to terminal blocks only without any accessory and mounted on DIN 3 rail.

For the terminal block voltage rating with its accessories, consult our "ATEX technical instructions sheet for safe mounting".

End stop		th. 12 mm	BADH	V2	1SNA 116 900	€2700
End stop		th. 9,1 mm	BAMH V0	V0	1SNA 194 836	€0100
Rail		35 x 7,5 x 1	PR3.22		1SNA 174 300	€1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500	€1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700	€2200

D 35/27.FF.Ex

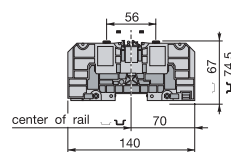
Spacing 27 mm 1.06"



2 studs M6

D 70/32.FF.Ex

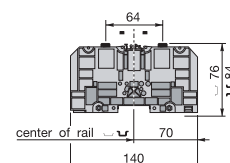
Spacing 32 mm 1.26"



2 studs M8

D 120/42.FF.Ex

Spacing 42 mm 1.65"



2 studs M10

Standard block UL 94 V0			Type			P/N			Type			P/N			Type			P/N					
			D 35/27.FF.Ex			1 SNA 146 307 R0600			D 70/32.FF.Ex			1 SNA 146 308 R1700			D 120/42.FF.Ex			1 SNA 146 309 R1000					
			Delivered with 2 covers						Delivered with 2 covers						Delivered with 2 covers								
			D 35/27.FF.Ex			1 SNA 146 302 R0100			D 70/32.FF.Ex			1 SNA 146 303 R0200			D 120/42.FF.Ex			1 SNA 146 304 R0300					
			Without cover						Without cover						Without cover								
Characteristics			IEC NFC			IEC DIN			IEC NFC			IEC DIN			IEC NFC			IEC DIN					
Wire size			Lug Rigid			(C4) 2.5 - 35			(C6) 6 - 95			6 - 70			(C8) 6 - 150			6 - 120					
mm² / AWG			Flexible			(C4) 2.5 - 35			(C6) 6 - 70			6 - 70			(C8) 6 - 120								
Rated wire size			mm² / AWG			35 mm²			70 mm²			70 mm²			120 mm²			120 mm²					
Recommended wrench			Lug / Central bolt			H10 mm / 6 mm Allen key			H13 mm / 6 mm Allen key			H17 mm / 6 mm Allen key			H17 mm / 6 mm Allen key								
Recommended torque			Nm / lb.in			3 Nm / 26.1 lb-in / 6 Nm / 52 lb-in			6 Nm / 52 lb-in / 6 Nm / 52 lb-in			10 Nm / 87 lb-in / 6 Nm / 52 lb-in			10 Nm / 87 lb-in / 6 Nm / 52 lb-in								
Voltage			IEC / EN 60079-7			750 V			750 V			750 V			750 V								
Current						125 A			192 A			269 A											
ATEX marking						⊕ I M2 - II 2GD			⊕ I M2 - II 2GD			⊕ I M2 - II 2GD											
						Ex e			Ex e			Ex e											
ATEX certificate						LCIE 03 ATEX 0034U			LCIE 03 ATEX 0034U			LCIE 03 ATEX 0034U			LCIE 03 ATEX 0034U								
Accessories			Type			P/N			Type			P/N			Type			P/N					
1 Rotating protective cover IP20			Grey			CPUF35			1 SNA 190 016 R1600			CPUF70			1 SNA 190 017 R1700			CPUF120			1 SNA 190 018 R2000		
2 Jumper bar with CHc screws																							
2 poles						BJS27			1 SNA 205 772 R1300			BJS32			1 SNA 205 774 R1500			BJS42			1 SNA 205 776 R1700		
3 poles						BJS27			1 SNA 205 773 R1400			BJS32			1 SNA 205 775 R1600			BJS42			1 SNA 205 777 R1000		
3 TAP for faston 6.35 x 0.8 mm and screw						DRF6			1 SNA 205 767 R1600			DRF8			1 SNA 205 768 R2700			DRF10			1 SNA 205 769 R2000		

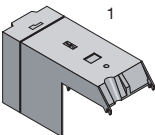
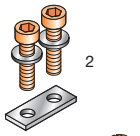
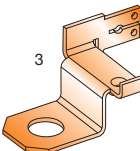
Power terminal blocks

DIN 3 with bistable foot and base mounting



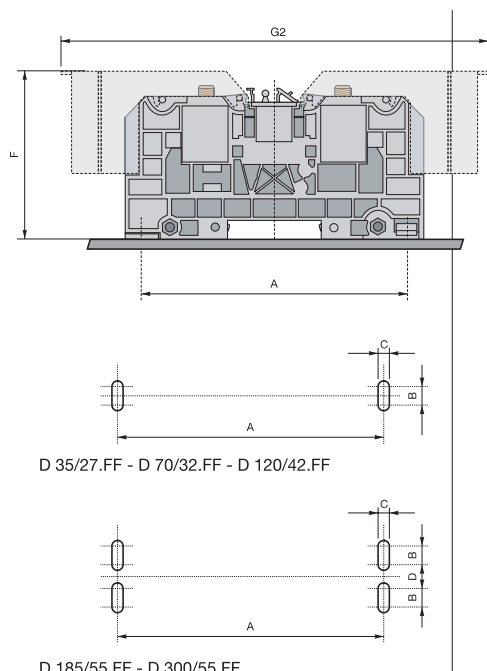
Exe voltage ratings apply to terminal blocks only without any accessory and mounted on DIN 3 rail. For the terminal block voltage rating with its accessories, consult our "ATEX technical instructions sheet for safe mounting".

End stop		th. 12 mm	BADH	V2	1 SNA 116 900 R2700
End stop		th. 9,1 mm	BAMH V0	V0	1 SNA 194 836 R0100
Rail		35 x 7,5 x 1	PR3.Z2		1 SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1 SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1 SNA 168 700 R2200

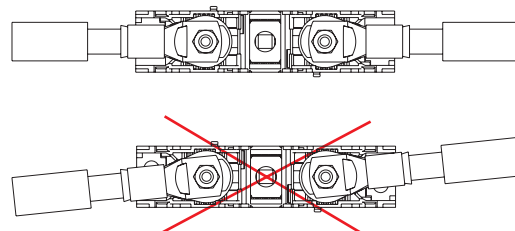
Standard block UL 94 V0 ☐ Grey body			Type		P/N		Type		P/N		
			D 185/55.FF.Ex ☐ 1SNA 146 310 R0400		D 300/55.FF.Ex ☐ 1SNA 146 311 R2100						
			Delivered with 2 covers		Delivered with 2 covers						
			D 185/55.FF.Ex ☐ 1SNA 146 305 R0400		D 300/55.FF.Ex ☐ 1SNA 146 306 R0500						
			Without cover		Without cover						
Characteristics			IEC NFC	IEC DIN		IEC NFC	IEC DIN				
Wire size	Lug	Rigid	(C11) 25 - 240	6 - 185		25 - 300	6 - 300				
		Flexible	(C11) 6 - 185			6 - 300					
mm² / AWG											
Rated wire size		mm² / AWG/MCM	185 mm²	185 mm²		300 mm²	300 mm²				
Recommended wrench		lug / central bolt	H19 mm / 6 mm Allen key			H24 mm / 6 mm Allen key					
Recommended torque		Nm / lb.in	14 Nm / 121 lb-in / 6 Nm / 52 lb-in			25 Nm / 217 lb-in / 6 Nm / 52 lb-in					
Voltage		IEC / EN 60079-7	750 V			750 V					
Current			353 A			520 A					
ATEX marking			Ⓔ I M2 - II 2GD			Ⓔ I M2 - II 2GD					
			Ex e			Ex e					
ATEX certificate			LCIE 03 ATEX 0034U			LCIE 03 ATEX 0034U					
Accessories			Type		P/N		Type		P/N		
	1	Rotating protective cover IP20 ☐ Grey	CPUF185	1SNA 190 019 R2100		CPUF185	1SNA 190 019 R2100				
	2	Jumper bar with CHc screws	2 poles	BJS51	1SNA 205 778 R2100		BJS51	1SNA 205 778 R2100			
			3 poles	BJS51	1SNA 205 779 R2200		BJS51	1SNA 205 779 R2200			
	3	TAP for faston 6.35 x 0.8 mm and screw	DRF12	1SNA 205 770 R2500		DRF16	1SNA 205 771 R1200				
											
											

Power terminal blocks

Drilling position for base mounting and dimensions with covers



Particular conditions for mounting



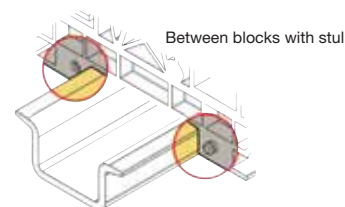
Type	Mounting with	A	B	C	D	F	G1	G2	H
D 35/27...	2 Screws	100,5	7,5	6,5	/	63,5	136,5	160	82,5
D 70/32...	2 Screws	120	7,5	6,5	/	72,5	165	190,5	105,7
D 120/42...	2 Screws	120	7,5	6,5	/	83,5	197	255,5	129,7
D 185/55...	4 Screws	135	13,5	6,5	8,5	103,5	228,5	295	151,5
D 300/55...	4 Screws	135	13,5	6,5	8,5	105	/	295	/

Dimensions in mm.

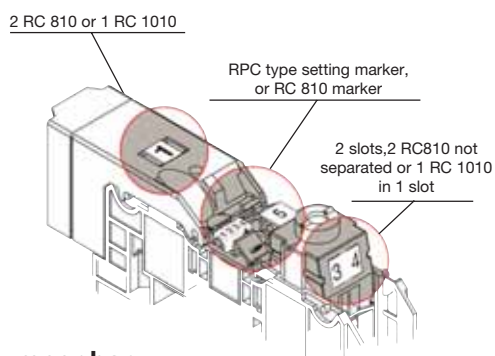
Locking foot operating with screwdriver DIA. 4

Center opening (to be made after jumper bar has been removed).
As soon as the screwdriver is removed, the locking foot comes back to closed position

Locking

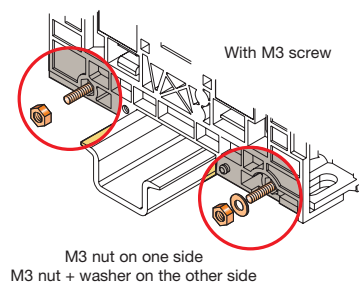
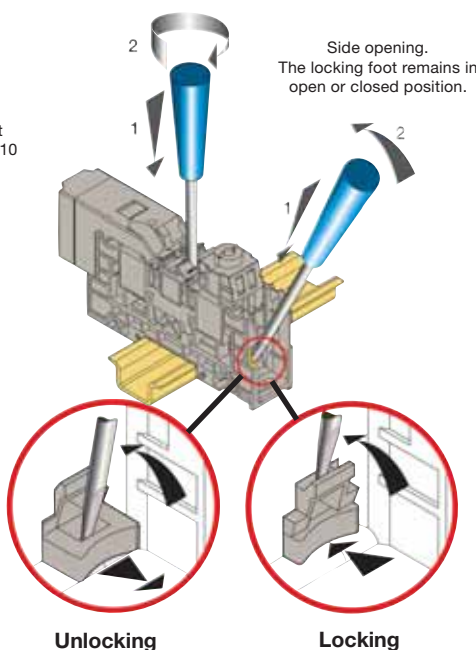
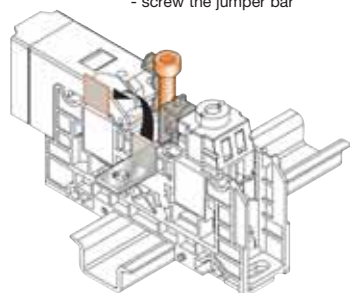


Marking



Jumper bar

- move the marker holders up
- cut out the partition
- screw the jumper bar



Mounting of the derivative system

