

SAK-Series TS 32

SAK-Series TS 32

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Feed-through terminal

TS 32 / PA

SAKD 2.5N

2.5 mm²

SAK 2.5

2.5 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

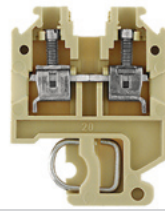
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

Ordering data

Version	
	beige
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
	Blue
	beige
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



5 x 32.5 x 43.5
30 / 4
0.08...4

IEC 60947-7-1

IEC	UL	CSA
500	300	300
24	20	20
2.5	AWG 28...12	AWG 22...12
	6 / 3	
	A2 / V2	

Rated connection	
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...0.75	
0.5...0.75 / 0.5...0.75	
With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.	

Type	Qty.	Order No.
SAKD 2.5N	100	0215560000
SAKD 2.5N BL	100	0215580000

Type	current	Qty.	Order No.
Q 2 SAKD2.5N	24 A	50	0367800000
Q 3 SAKD2.5N	24 A	50	0367900000
Q 4 SAKD2.5N	24 A	50	0368000000
Q 10 SAKD2.5N	24 A	20	0368100000

Width	
PS 2.3 RT	5.4 mm
STB 8.5/D4/2.3/M2.5 AKZ	50

AP SAKD2.5N	1.5 mm	20	0150960000
AP SAKD2.5N BL	1.5 mm	20	0150980000
TW SAKD2.5N	1.5 mm	20	0191860000
TW SAKD2.5N BL	1.5 mm	20	0191880000

TSCH 3 SAKD2.5 N	5 mm	100	0366860000
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DEK 5/5 / SCHT 7

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6 x 36.5 x 46.5
41 / 6
0.13...6

IEC 60947-7-1

Ex ell II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 22...12	AWG 26...10	2.5
	8 / 3		
	A3 / V2		

Rated connection	
0.5...6 / 0.5...4	
0.5...4 / 0.5...4	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5	
With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.	

Type	Qty.	Order No.
SAK 2.5	100	0279660000
SAK 2.5 BL	100	0279680000

Type	current	Qty.	Order No.
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000
Q 10 SAK2.5	41 A	20	0368700000

Width	
PS 2.3 RT	5.4 mm
STB 8.5/5/2.3/M3 SAK2.5	50

AP SAK2.5	1.5 mm	20	0279560000
AP SAK2.5 BL	1.5 mm	20	0279580000
TW SAK2.5	2.5 mm	20	0302860000
TW SAK2.5 BL	1.5 mm	20	0302880000

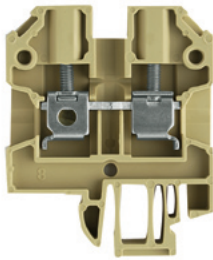
TSCH 1	2 mm	100	0319160000
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AD 3 SAK2.5		50	0297900000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/6 / SCHT 7

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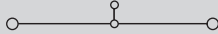
SAK 4

4 mm²

6.5 x 40 x 51.5

41 / 6

0.13...6

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	20	36	28
4	AWG 22...12	AWG 26...10	4
8 / 3			
A4 / V2			

 KEMA 97ATEX1798 U

Rated connection

0.5...6 / 0.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

1.5...1.5

0.5...1.5

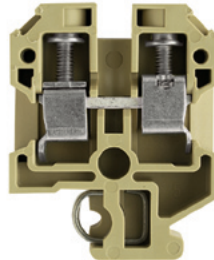
With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

Type	Qty.	Order No.
SAK 4	100	1716240000
SAK 4 BL	100	0128380000

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
VL 2 SAK4	32 A	50	0197000000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
AP SAK4-10	1.5 mm	20	0117960000
AP SAK4-10 BL	1.5 mm	20	0117980000
TW 4 SAK4-10	1.5 mm	20	0130160000
TW 4 SAK4-10 BL	1.5 mm	20	0130180000
TSCH 1	2 mm	100	0319160000
AD 4 SAK4		50	0285300000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/6,5

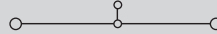
SAK 6 N

6 mm²

8 x 40 x 51.5

57 / 10

0.33...10

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	40	47	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V2			

 KEMA 97ATEX1798 U

Rated connection

0.5...10 / 0.5...6

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

Type	Qty.	Order No.
SAK 6N	100	0193260000
SAK 6N BL	100	0193280000

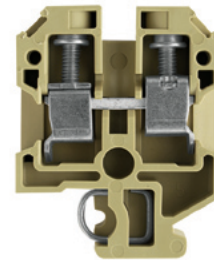
With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

Type	current	Qty.	Order No.
Q 2 SAK6N	32 A	50	0456700000
Q 3 SAK6N	57 A	50	0456800000
Q 4 SAK6N	57 A	50	0456900000
Q 10 SAK6N	32 A	20	0457000000
VL 2 SAK6/10/SAKB	32 A	50	0135900000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
AP SAK4-10	1.5 mm	20	0117960000
AP SAK4-10 BL	1.5 mm	20	0117980000
TW 4 SAK4-10	1.5 mm	20	0130160000
TW 4 SAK4-10 BL	1.5 mm	20	0130180000
TSCH 1	2 mm	100	0319160000
AD 4 SAK6N		50	0196600000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/8 / SHT 7

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

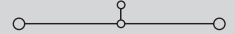
SAK 10

10 mm²

10 x 40 x 51.5

76 / 16

1.5...16

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	60	65	50
10	AWG 14...6	AWG 16...6	10
8 / 3			
B6 / V2			

 KEMA 97ATEX1798 U

Rated connection

1.5...10 / 1.5...16

1.5...16 / 1.5...10

2.0...4.0 Nm (M 4)

12 / 1.0 x 5.5 mm

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

Type	Qty.	Order No.
SAK 10	100	0110060000
SAK 10 BL	100	0110080000

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

Type	current	Qty.	Order No.
Q 2 SAK10	57 A	50	0457100000
Q 3 SAK10	57 A	50	0457200000
Q 4 SAK10	57 A	50	0457300000
Q 10 SAK10	57 A	20	0457400000
VL 2 SAK6/10/SAKB		50	0135900000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
AP SAK4-10	1.5 mm	20	0117960000
AP SAK4-10 BL	1.5 mm	20	0117980000
TW 4 SAK4-10	1.5 mm	20	0130160000
TW 4 SAK4-10 BL	1.5 mm	20	0130180000
TSCH 1	2 mm	100	0319160000
AD 4 SAK10		50	0178600000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/5

Feed-through terminal

TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

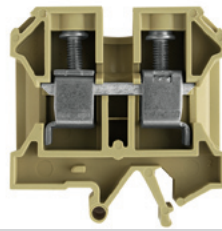
Ordering data

Version	
	beige
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
	Blue
	beige
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

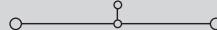
SAK 16

16 mm²

12 x 50 x 57.5

76 / 16

2.5...16

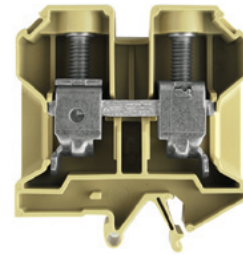


IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	80	87	66
16	AWG 12...4	AWG 14...6	16
8 / 3			
B6 / V2			
KEMA 97ATEX1798 U			
Rated connection			
2.5...10 / 4...16			
4...16 / 4...16			
2.0...4.0 Nm (M 4)			
15 / 1.0 x 5.5 mm			
Twin wire end ferrules ZH 2.5 - ZH 16 can be used.			

Type	Qty.	Order No.
SAK 16	50	0271060000
SAK 16 BL	50	0271080000
If QIs are aligned side by side, then a TW/AP must be used.		

Type	current	Qty.	Order No.
Q 2 SAK16	76 A	50	0457500000
Q 3 SAK16	76 A	50	0457600000
Q 4 SAK16	76 A	50	0457700000
Q 10 SAK16	76 A	20	0457800000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
Width			
AP SAK16	1.5 mm	20	0271160000
AP SAK16 BL	1.5 mm	20	0271180000
Width			
TSCH 1	2 mm	100	0319160000
Width			
AD 3 SAK16		50	0297800000
BFSC M3X22 PA/RT		100	0128900000
Width			
DEK 5/5			

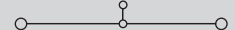
SAK 35

35 mm²

18 x 58 x 67.5

150 / 50

2.5...50



IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600	600	550
125	105	145	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
B8 / V2			
KEMA 97ATEX1798 U			
Rated connection			
2.5...16 / 4...50			
2.5...35 / 2.5...35			
4.0...5.0 Nm (M 6)			
18 / 6.5 x 1.2 mm			
2.5...10 / 10...16			
2.5...16 / 2.5...16			
The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.			

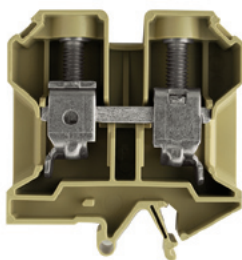
Type	Qty.	Order No.
SAK 35	20	0303560000
SAK 35 BL	20	0303580000
It is possible to use twin ferrules with identical rated voltages (LAB 13090).		

Type	current	Qty.	Order No.
QL 2 SAK35	99 A	20	0123600000
QL 3 SAK35	99 A	20	0123700000
QL 4 SAK35	99 A	20	0123800000
QL 10 SAK35	99 A	20	0338600000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35		50	0140200000
Width			
AP SAK35/TW SAK16	1.5 mm	10	0303660000
AP SAK35/TW SAK16 BL	1.5 mm	10	0303680000
TW SAK35	1.5 mm	20	0304360000
Width			
AD 3 SAK35		50	0273400000
BFSC M4X32 PA/RT		100	0129100000
Width			
DEK 5/5 / SCHT 7			
If QIs are aligned side by side, then a TW/AP must be used.			

SAK 35/IK

35 mm²

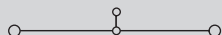
Hexagon socket head screw



18 x 58 x 67.5

150 / 50

2.5...50



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
125	105	145	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
B8 / V2			

KEMA 97ATEX1798 U

Rated connection

2.5...16 / 4...50

2.5...35 / 2.5...35

4.0...5.0 Nm (M 6)

18 / S4 (DIN 6911)

2.5...10 / 10...16

2.5...16 / 2.5...16

The tightening torque is 4.5 Nm for 16 - 50 mm² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 35/IK	20	0476560000

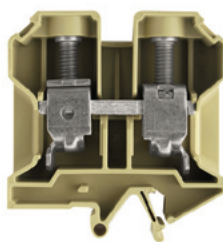
It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35	99 A	20	0123600000
QL 3 SAK35	99 A	20	0123700000
QL 4 SAK35	99 A	20	0123800000
QL 10 SAK35	99 A	20	0338600000
VH 17/8/5 SAK35	50	50	0267000000
BFSC M4X30	50	50	0267100000
SS M4 D 128-A 4	100	100	0136400000
VL 2 SAK35	119 A	50	0124000000
VH 24.5/8/5 SAK35	50	50	0298700000
BFSC M4X35	50	50	0298900000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35	50	50	0140200000
AP SAK35/TW SAK16	1.5 mm	10	0303660000
TW SAK35	1.5 mm	20	0304360000
AD 4 SAK35	50	50	0178700000
BFSC M4X32 PA/RT	100	100	0129100000

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

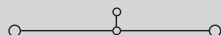
SAK 35 N

35 mm²

16 x 58 x 67.5

150 / 50

2.5...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	105	120
35	AWG 12...2	AWG 12...2
8 / 3		
B8 / V2		

Rated connection

2.5...16 / 4...50

2.5...35 / 1.5...35

4.0...5.0 Nm (M 6)

18 / 6.5 x 1.2 mm

2.5...10 / 10...16

2.5...16 / 2.5...16

The tightening torque is 4.5 Nm for 16 - 50 mm² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 35N	20	0550660000

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35N	99 A	50	0564900000
QL 3 SAK35N	99 A	50	0565000000
QL 4 SAK35N	99 A	50	0565100000
QL 10 SAK35N	99 A	20	0565200000
VH 17/8/5 SAK35	50	50	0267000000
BFSC M4X30	50	50	0267100000
SS M4 D 128-A 4	100	100	0136400000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35	50	50	0140200000
AP SAK35/TW SAK16	1.5 mm	10	0303660000
AP SAK35/TW SAK16 BL	1.5 mm	10	0303680000
TW SAK35	1.5 mm	20	0304360000
AD 4 SAK35N	50	50	0576700000
BFSC M4X32 PA/RT	100	100	0129100000

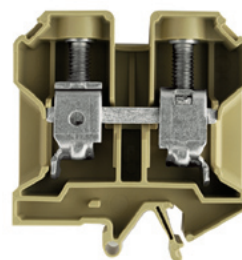
DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

SAK 35 N/IK

35 mm²

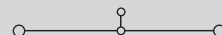
Hexagon socket head screw



16 x 58 x 67.5

150 / 50

2.5...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	105	120
35	AWG 12...2	AWG 12...2
8 / 3		
B8 / V2		

Rated connection

2.5...16 / 4...50

2.5...35 / 1.5...35

4.0...6.0 Nm (M 6)

18 / S4 (DIN 6911)

2.5...10 / 10...16

2.5...16 / 2.5...16

The tightening torque is 4.5 Nm for 16 - 50 mm² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 35N/IK	20	0555760000

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35N	99 A	50	0564900000
QL 3 SAK35N	99 A	50	0565000000
QL 4 SAK35N	99 A	50	0565100000
QL 10 SAK35N	99 A	20	0565200000
VH 17/8/5 SAK35	50	50	0267000000
BFSC M4X30	50	50	0267100000
SS M4 D 128-A 4	100	100	0136400000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35	50	50	0140200000
AP SAK35/TW SAK16	1.5 mm	10	0303660000
TW SAK35	1.5 mm	20	0304360000
AD 4 SAK35N	50	50	0576700000
BFSC M4X32 PA/RT	100	100	0129100000

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

Feed-through terminal

TS 32 / KrG

SAK 2.5

2.5 mm²

SAK 4

4 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

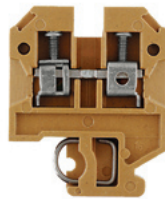
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

Ordering data

Version	
	Medium yellow
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	Medium yellow
	Blue
	Medium yellow
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



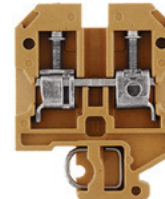
6 x 36.5 x 46.5
32 / 6
0.13...6

IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 22...12	AWG 26...10	2.5
8 / 3			
A3 / 5VA			
KEMA 97ATEX1798 U			
Rated connection			
0.5...6 / 0.5...4			
0.5...4 / 0.5...2.5			
0.4...0.6 Nm (M 2.5)			
10 / 0.6 x 3.5 mm			
...1.5			
0.5...1.5			
With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.			

Type	Qty.	Order No.
SAK 2.5 KRG	100	0279620000
SAK 2.5 KRG/BL	100	0279670000

Type	current	Qty.	Order No.
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000
Q 10 SAK2.5	41 A	20	0368700000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 6/D3.9/2.3/M2.5 ZB		50	0130200000
Width			
AP SAK2.5 KRG	1.5 mm	20	0279520000
AP SAK2.5 KRG BL	1.5 mm	20	0279570000
TW SAK2.5 KRG	2.5 mm	20	0302820000
TW SAK2.5 KRG/BL	2.5 mm	20	0302870000
Width			
TSCH 1	2 mm	100	0319160000
Width			
AD 4 AKZ4		50	0303400000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/6 / SCHT 7



6.5 x 40 x 51.5
41 / 6
0.13...6

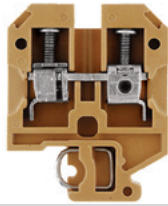
IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
32	20	36	28
4	AWG 22...12	AWG 26...10	4
8 / 3			
A4 / 5VA			
KEMA 97ATEX1798 U			
Rated connection			
0.5...6 / 0.5...4			
0.5...4 / 0.5...4			
0.5...1.0 Nm (M 3)			
12 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1 / 0.5...1			
With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.			

Type	Qty.	Order No.
SAK 4 KRG	100	0128320000
SAK 4 KRG BL	100	0128370000

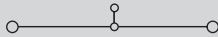
Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
VL 2 SAK4	32 A	50	0197000000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000
Width			
TSCH 1	2 mm	100	0319160000
Width			
AD 4 SAK4		50	0285300000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/6,5 / SCHT 7

SAK 6 N

6 mm²

8 x 40 x 51.5
57 / 10
0.33...10



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	40	47	36
6	AWG 22...8	AWG 20...8	6

8 / 3

A5 / 5VA

KEMA 97ATEX1798 U

Rated connection

0.5...10 / 0.5...6
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

Type	Qty.	Order No.
SAK 6N KRG	100	0193220000

With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

Type	current	Qty.	Order No.
Q 2 SAK6N	32 A	50	0456700000
Q 3 SAK6N	57 A	50	0456800000
Q 4 SAK6N	57 A	50	0456900000
Q 10 SAK6N	32 A	20	0457000000

VL 2 SAK6N/SAKT	32 A	50	0194700000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000

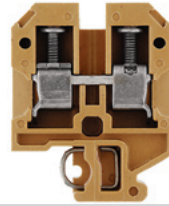
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000

TSCH 1	2 mm	100	0319160000
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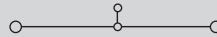
AD 4 SAK6N		50	0196600000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/8 / SCHT 7

SAK 10

10 mm²

10 x 40 x 51.5
76 / 16
1.5...16



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	60	65	50
10	AWG 14...6	AWG 16...6	10

8 / 3

B6 / 5VA

KEMA 97ATEX1798 U

Rated connection

1.5...10 / 1.5...16
1.5...16 / 1.5...10
2.0...4.0 Nm (M 4)
12 / 1.0 x 5.5 mm

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

Type	Qty.	Order No.
SAK 10 KRG	100	0110020000
SAK 10 KRG/BL	100	0110070000

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

Type	current	Qty.	Order No.
Q 2 SAK10	57 A	50	0457100000
Q 3 SAK10	57 A	50	0457200000
Q 4 SAK10	57 A	50	0457300000
Q 10 SAK10	57 A	20	0457400000

VL 2 SAK6/10/SAKB	32 A	50	0135900000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000

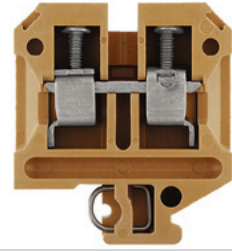
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000

TSCH 1	2 mm	100	0319160000
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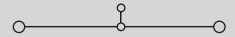
AD 4 SAK10		50	0178600000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/5

SAK 16

16 mm²

12 x 50 x 57.5
76 / 16
2.5...16



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	80	87	66
16	AWG 12...4	AWG 14...6	16

8 / 3

B6 / 5VA

KEMA 97ATEX1798 U

Rated connection

2.5...10 / 4...16
4...16 / 4...16
2.0...4.0 Nm (M 4)
15 / 1.0 x 5.5 mm

Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 16 KRG	50	0271020000

If OIs are aligned side by side, then a TW/AP must be used.

Type	current	Qty.	Order No.
Q 2 SAK16	76 A	50	0457500000
Q 3 SAK16	76 A	50	0457600000
Q 4 SAK16	76 A	50	0457700000
Q 10 SAK16	76 A	20	0457800000

VL 2 SAK16/SAKA	57 A	50	0135800000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000

AP SAK16 KRG	3 mm	20	0271120000
AP SAK35/TW SAK16 BL	1.5 mm	10	0303680000
TW SAK16 KRG	3 mm	20	0281120000

TSCH 1	2 mm	100	0319160000
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AD 4 SAK16		50	0518200000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/5

Feed-through terminal

TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

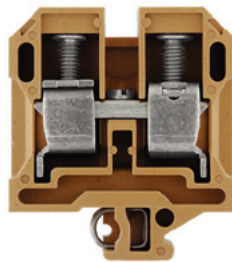
Ordering data

Version	
	Medium yellow
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	Medium yellow
	Blue
	Medium yellow
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

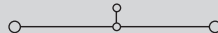
SAK 35

35 mm²

18 x 58 x 67.5

125 / 50

6...50

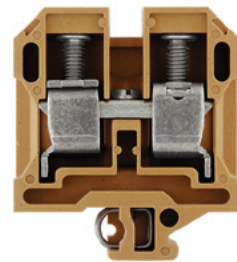


IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600	600	550
125	105	145	109
35	AWG 6...2	AWG 6...2	35
8 / 3			
B9 / 5VA			
KEMA 97ATEX1798 U			
Rated connection			
6...16 / 16...50			
10...35 / 10...35			
5,0 Nm (M 6)			
20 / 6.5 x 1.2 mm			
The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.			

SAK 35/IK

35 mm²

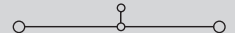
Hexagon socket head screw



18 x 58 x 67.5

125 / 50

6...50



IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600	600	550
125	105	145	109
35	AWG 6...2	AWG 6...2	35
8 / 3			
B9 / 5VA			
KEMA 97ATEX1798 U			
Rated connection			
6...16 / 16...50			
10...35 / 10...35			
5,0 Nm (M 6)			
20 / S4 (DIN 6911)			
The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.			

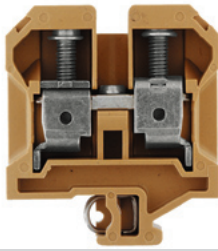
Type	Qty.	Order No.
SAK 35/IK KRG	20	0476520000
It is possible to use twin ferrules with identical rated voltages (LAB 13090).		

Type	Qty.	Order No.
SAK 35 KRG	20	0303520000
It is possible to use twin ferrules with identical rated voltages (LAB 13090).		

Type	current	Qty.	Order No.
QL 2 SAK35	99 A	20	0123600000
QL 3 SAK35	99 A	20	0123700000
QL 4 SAK35	99 A	20	0123800000
QL 10 SAK35	99 A	20	0338600000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000
VL 2 SAK35	119 A	50	0124000000
VH 24.5/8/5 SAK35		50	0298700000
BFSC M4X35		50	0298900000
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35		50	0140200000
AP SAK35 KRG	3 mm	10	0303620000
AP SAK35 KRG/BL	3 mm	10	0303670000
TW SAK35 KRG	3 mm	20	0304320000
AD 4 SAK35		50	0178700000
BFSC M4X32 PA/RT		100	0129100000
DEK 5/5			
If QIs are aligned side by side, then a TW/AP must be used.			

Type	current	Qty.	Order No.
QL 2 SAK35	99 A	20	0123600000
QL 3 SAK35	99 A	20	0123700000
QL 4 SAK35	99 A	20	0123800000
QL 10 SAK35	99 A	20	0338600000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000
VL 2 SAK35	119 A	50	0124000000
VH 24.5/8/5 SAK35		50	0298700000
BFSC M4X35		50	0298900000
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35		50	0140200000
AP SAK35 KRG	3 mm	10	0303620000
AP SAK35 KRG/BL	3 mm	10	0303670000
TW SAK35 KRG	3 mm	20	0304320000
AD 4 SAK35		50	0178700000
BFSC M4X32 PA/RT		100	0129100000
DEK 5/5 / SHT 7			
If QIs are aligned side by side, then a TW/AP must be used.			

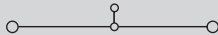
SAK 35 N

35 mm²

16 x 58 x 67.5

125 / 50

2.5...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	105	120
35	AWG 12...2	AWG 12...2
8 / 3		
B8 / 5VA		



Rated connection

2.5...16 / 4...50

2.5...35 / 1.5...35

4.0...5.0 Nm (M 6)

18 / 6.5 x 1.2 mm

The tightening torque is 4.5 Nm for 16 - 50 mm² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 35N KRG	20	0550620000

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35N	99 A	50	0564900000
QL 3 SAK35N	99 A	50	0565000000
QL 4 SAK35N	99 A	50	0565100000
QL 10 SAK35N	99 A	20	0565200000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35		50	0140200000
AP SAK35 KRG	3 mm	10	0303620000
AP SAK35 KRG/BL	3 mm	10	0303670000
TW SAK35 KRG	3 mm	20	0304320000

AD 4 SAK35N	50	0576700000
BFSC M4X32 PA/RT	100	0129100000

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

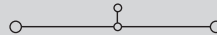
SAK 70

70 mm²

22 x 75 x 79.5

192 / 70

16...70



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
192	150	150
70	AWG 4...2/0	AWG 4...2/0
8 / 3		
B11 / 5VA		



Rated connection

16...16 / 16...70

16...70 / 16...35

6.0...12 Nm (M 8)

24 / S6 (DIN 6911)

Connection torque H07V-R70 = 12 Nm

Type	Qty.	Order No.
SAK 70 KRG	10	0340820000
SAK 70 KRG/BL	10	0340870000

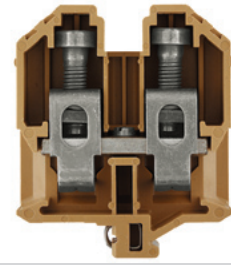
Type	current	Qty.	Order No.
QL 2 SAK70	192 A	20	0345300000
QL 3 SAK70	192 A	5	0167000000
VH 30.5/11/5.5 SAK70		20	0345500000
BFSC M5X45		20	0345600000
SS M5 D 128-A 5		50	0346100000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M5 SAK70		50	0385400000
AP 70 SAK70 KRG	4 mm	10	0340920000

AD 3 SAK70	10	0344300000
BFSC M5X45 PA/NA	50	0344400000

DEK 5/5

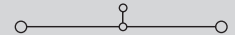
SAK 95

95 mm²

28 x 87.9 x 100.5

232 / 120

16...120



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	190	200
95	AWG 6...4/0	AWG 6...4/0
8 / 3		
B13 / 5VA		



Rated connection

16...16 / 16...120

16...95 / 10...95

16...20 Nm (M 10)

30 / S8 (DIN 6911)

Ribbon cable (segmented ribbon) can be connected ranging from 3 to 6 segments of 0.8x9 mm, up to 6 segments of 0.8x16 mm and up to 6 segments of 0.5x13 mm.

Type	Qty.	Order No.
SAK 95 KRG	10	0550520000

Type	current	Qty.	Order No.
QL 2 SAKG28		10	0551200000
QL 3 SAKG28		5	0407600000
QL 4 SAKG28		5	0407700000
VH 35/11/5.5 SAK95		10	0551100000
KISC M5X50/26 SAK95		20	0630200000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M5 SAK70		50	0385400000
AP SAK95 KRG	3 mm	10	0550920000

BFSC M5X45 PA/NA	50	0344400000
------------------	----	------------

DEK 5/5

Two-tier modular terminals

TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

Ordering data

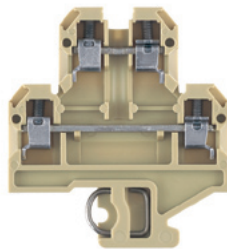
Version	
	beige
	Blue
Note	

Accessories

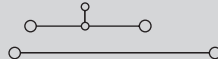
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
	Blue
	Dark beige Wemid
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4

4 mm²

6 x 50 x 59.5
41 / 6
0.13...6



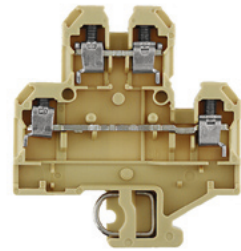
IEC 60947-7-1		Ex e ll Ex ll 2 G D	
IEC	UL	CSA	EN 60079-7
500	300	300	275
32	27	10	28
4	AWG 22...12	AWG 26...10	4
6 / 3			
A3 / V2			
SIRA 02ATEX3316U			
Rated connection			
0.5...6 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.8 Nm (M 3)			
9 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.			

Type	Qty.	Order No.
DK 4	100	0355460000
DK 4 BL	100	0355480000

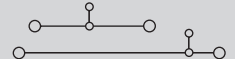
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
AP DK4 BL	1.5 mm	20	0359280000
WTW EN	3 mm	20	1058800000
TSCH 6 DKl S4	5 mm	100	0190260000

Marking systems	
	DEK 5/6

DK 4 Q

4 mm²

6 x 50 x 59.5
41 / 6
0.13...6



IEC 60947-7-1		Ex e ll Ex ll 2 G D	
IEC	UL	CSA	EN 60079-7
500	300	300	275
32	27	10	28
4	AWG 22...12	AWG 26...10	4
6 / 3			
A3 / V2			
SIRA 02ATEX3316U			
Rated connection			
0.5...6 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.8 Nm (M 3)			
9 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.			

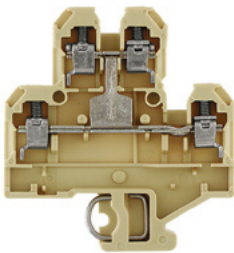
Type	Qty.	Order No.
DK 4Q/32	100	0590060000
DK 4Q/32 BL	100	0590080000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4Q	1.5 mm	20	1397160000
AP DK4Q BL	1.5 mm	20	1397180000
WTW EN	3 mm	20	1058800000
TSCH 6 DKl S4	5 mm	100	0190260000

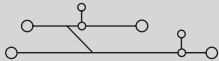
Marking systems	
	DEK 5/6

DK 4 QV

4 mm²



6 x 54 x 59.5
41 / 6
0.13...6



IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
32	27	10	28
4	AWG 22...12	AWG 26...12	4
6 / 3			
A3 / V2			

 SIRI 02ATEX3316U

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.8 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

Type	Qty.	Order No.
DK 4QV/32	100	0590260000
DK 4QV/32 BL	100	0590280000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4Q	1.5 mm	20	1397160000
AP DK4Q BL	1.5 mm	20	1397180000
WTW EN	3 mm	20	1058800000
TSCH 6 DK1 S4	5 mm	100	0190260000
AD 4 AKZ4		50	0303400000
BFSC M2.5X18 PA/RT		100	0303300000

DEK 5/6

Modular PE terminals

TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version
green/yellow
Note

Accessories

Rail support

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

EK 2.5N

2.5 mm²

6 x 36.5 x 46.5
/ 4
0.33...4

IEC 60947-7-2 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...10	AWG 26...10
800			
8			
300 A (2.5 mm ²)			
	3		
	A3 / V2		

  KEMA 97ATEX1798 U

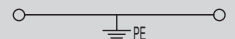
Rated connection

0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
0.4...0.8 Nm (M 2.5)
0.5...0.8 Nm
10 / 0.6 x 3.5 mm

EK 4

4 mm²

8 x 40 x 51.5
/ 6
0.33...6

IEC 60947-7-2 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 22...12	AWG 26...10	AWG 26...10
800			
8			
480 A (4 mm ²)			
	3		
	A4 / V2		

  KEMA 97ATEX1798 U

Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
0.5...1.0 Nm
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
EK 4	100	0354560000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

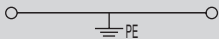
DEK 5/6
DEK 5/6,5

EK 10

10 mm²



10 x 40 x 51.5
/ 10
0.5...10



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 14...6	AWG 14...6	AWG 14...6
800			
8			
720 A (6 mm²)			
3			
B6 / V2			

KEMA 97ATEX1798 U

Rated connection
0.5...10 / 1.5...6
0.5...10 / 0.5...10
1.2...1.6 Nm (M 4)
0.5...1.0 Nm
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
EK 10	100	0354660000
UNDEFINED TEXT		

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

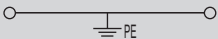
DEK 5/5

EK 16

16 mm²



12 x 50 x 57.5
/ 16
2.5...16



IEC 60947-7-2

IEC	UL	CSA
16	AWG 10...6	AWG 10...4
800		
8		
1920 A (16 mm²)		
3		
B6 / V2		

Rated connection
2.5...16 / 2.5...16
2.5...16 / 4...16
2.0...4.0 Nm (M 4)
0.8...1.6 Nm
16 / 1.0 x 5.5 mm

Type	Qty.	Order No.
EK 16	50	0374660000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

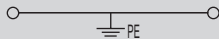
DEK 5/5

EK 35

35 mm²



16 x 58 x 67.5
/ 50
6...50



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 6...2	AWG 10...2	AWG 10...2
800			
8			
4200 A (35 mm²)			
3			
B9 / V2			

KEMA 97ATEX1798 U

Rated connection
6...16 / 16...50
10...35 / 10...35
4.0...6.0 Nm (M 6)
0.8...1.6 Nm
20 / 6.5 x 1.0 mm

Type	Qty.	Order No.
EK 35	20	0354760000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

DEK 5/5

The TS 35/15 Cu must be used when connecting conductors of 50 mm².

Modular PE terminals

TS 32

EK 2

10 mm²

SAKE 35

35 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

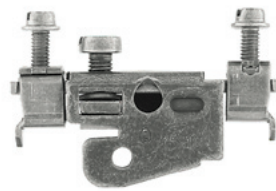
Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	-
Rated impulse withstand voltage to adjacent terminal	-
Short-time withstand current	-
Pollution severity	-
Gauge to IEC 60947-1 / UL94 Flammability class	-
Approvals	-
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	-
Tightening torque range (fixing screw)	-
Stripping length / Blade size	mm/-
Note	

Ordering data

Version
Note

Accessories

Rail support

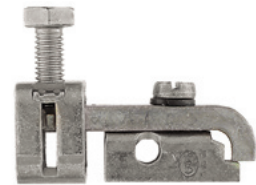


10.2 x 52 x 38
/ 10
1.5...10

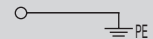


IEC 60947-7-2

IEC	UL	CSA
10	AWG 16...8	AWG 16...8
1200 A (10 mm ²)		
B6 / ---		
Rated connection		
1.5...10 / 1.5...10		
1.5...10 / 1.5...10		
1.2...1.6 Nm (M 4)		
2.0...4.0 Nm		
14 / 1.0 x 5.5 mm		



14 x 46 x 39
/ 35
6...35



IEC 60947-7-2

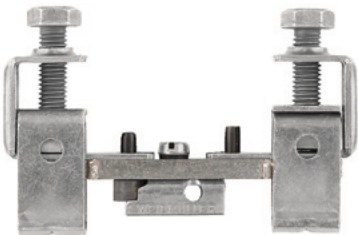
IEC	UL	CSA
35	AWG 8...2	AWG 8...2
4200 A (35 mm ²)		
B8 / V-0		
Rated connection		
6...35 / 6...35		
6...35 / 10...35		
4.0...5.0 Nm (M 6)		
2.0...4.0 Nm		
16 / 6.5 x 1.2 mm		

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

SAKE 70

70 mm²



18 x 94 x 59.5
/ 70
10...70

IEC 60947-7-2

IEC	UL	CSA
70		AWG 1...2/0
8400 A (70 mm²)		
B10 / V-0		



Rated connection

10...16 / 10...70
10...70 / 10...70
6.0...12 Nm (M 8)
2.0...4.0 Nm
25 /

When connecting with stranded conductors ≥ 50 mm² and 12 Nm tightening torque. Test current 8,4 kA to IK carried out via copper terminal rail

Type	Qty.	Order No.
SAKE 70/32	10	0213200000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

A copper TS 32 rail must be used for connecting conductors >= 50 mm².

Disconnect terminals

TS 32 / PA

SAKR

4 mm²

SAKR StB

4 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

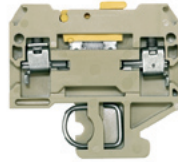
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	-
flexible / Stranded wire with end ferrules	-
Note	

Ordering data

Version	
	beige
	Blue
Note	

Accessories

External cross-connection	
	2-pole
	3-pole
	4-pole
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
	Blue
	beige
	Tropical applications



6.5 x 42 x 40.5

10 / 4

0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
4	AWG 22...12	AWG 22...12
	6 / 3	
	A3 / V2	



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

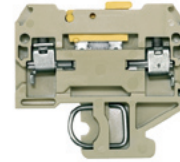
0.5...1.0 Nm (M 3)

8 / 0.6 x 3.5 mm

Torque for SAKR with socket: 0.5 - 0.7 Nm.

Type	Qty.	Order No.
SAKR	100	0412160000
SAKR BL	100	0412180000

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 6/D3.7/2.3/M3 SAKR		100	0379400000
AP SAKR BE	1.5 mm	20	0211360000
AP SAKR BL	1.5 mm	20	0211380000
TW SAK2.5 HP/TF/GE/1	1 mm	20	0297100000



6.5 x 42 x 40.5

10 / 4

0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
4	AWG 22...12	AWG 22...12
	6 / 3	
	A3 / V2	



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...1.0 Nm (M 3)

8 / 0.6 x 3.5 mm

Tightening torque via the sockets is 0.5 - 0.7 Nm.

Type	Qty.	Order No.
SAKR 2STB	100	0412260000
SAKR 2STB BL	100	0412280000

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 6/D3.7/2.3/M3 SAKR		100	0379400000
AP SAKR BE	1.5 mm	20	0211360000
AP SAKR BL	1.5 mm	20	0211380000
TW SAK2.5 HP/TF/GE/1	1 mm	20	0297100000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6,5 / SHT 7

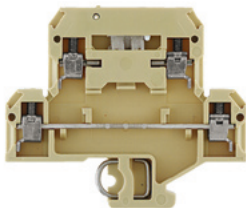
QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm². Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

DEK 5/6,5 / SHT 7

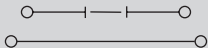
QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm². Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

DKT 4

4 mm²



6 x 65 x 56.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
4	AWG 22...12	AWG 26...12
	6 / 3	
	A3 / V2	

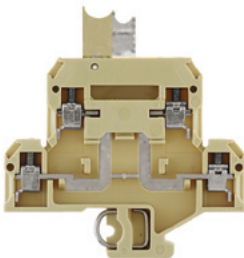


Rated connection

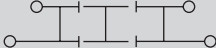
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

DKT 4 V

4 mm²



6 x 65 x 56.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400		
10		
4		
	6 / 3	
	A3 / V2	



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DKT 4	100	0687360000

Type	Qty.	Order No.
DKT 4V 2STB	50	1304860000

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
AP DKT4 PA	1.5 mm	20	0687560000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
AP DKT4 PA	1.5 mm	20	0687560000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000

DEK 5/6

DEK 5/6

Disconnect terminals

TS 32 / KrG

SAKR

4 mm²

SAKR StB

4 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	-
flexible / Stranded wire with end ferrules	-
Note	

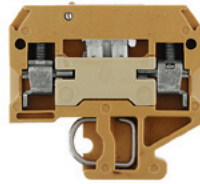
Ordering data

Version	
	Medium yellow
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	Medium yellow
	Blue
	Medium yellow
	Blue
	Tropical applications

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



6.5 x 42 x 40.5	
10 / 4	
0.13...4	

IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
4	AWG 22...12	AWG 22...12
	6 / 3	
	A3 / 5VA	
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1.0 Nm (M 3)		
8 / 0.6 x 3.5 mm		

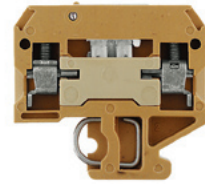
Torque for SAKR with socket: 0.5 - 0.7 Nm.

Type	Qty.	Order No.
SAKR KRG	100	0412120000

Type	Qty.	Order No.
Width		
PS 2.3 RT	5.4 mm	20 0180400000
STB 6/D3.7/2.3/M3 SAKR		100 0379400000
AP SAKR KRG	1.5 mm	20 0211320000
TW SAK2.5 HP/TF/GE/1	1 mm	20 0297100000

DEK 5/6,5 / SHT 7

QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm². Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.



6.5 x 42 x 40.5	
10 / 4	
0.13...4	

IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
4	AWG 22...12	AWG 22...12
	6 / 3	
	A3 / 5VA	
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1.0 Nm (M 3)		
8 / 0.6 x 3.5 mm		

Tightening torque via the sockets is 0.5 - 0.7 Nm.

Type	Qty.	Order No.
SAKR 2STB KRG	100	0412220000

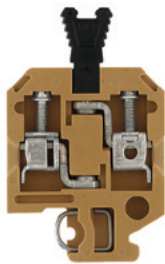
Type	Qty.	Order No.
Width		
PS 2.3 RT	5.4 mm	20 0180400000
STB 6/D3.7/2.3/M3 SAKR		100 0379400000
AP SAKR KRG	1.5 mm	20 0211320000
TW SAK2.5 HP/TF/GE/1	1 mm	20 0297100000

DEK 5/6,5 / SHT 7

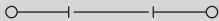
QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm². Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

SAKC 4

4 mm²



6.5 x 40 x 51.5
25 / 6
0.33...6



IEC 60947-7-1

IEC	UL	CSA
400	300	300
25	25	25
4	AWG 22...12	AWG 22...10
6 / 3		
A4 / 5VA		



Rated connection

0.5...6 / 1.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
12 / 0.6 x 3.5 mm

Tightening torque via the sockets is 0.5 - 0.7 Nm.

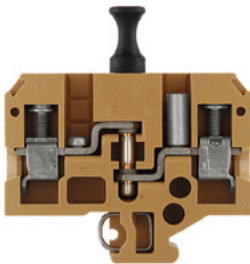
Type	Qty.	Order No.
SAKC 4 KRG	100	0340720000
SAKC 4 2STB 7 order no. 0340620000		

Type	Qty.	Order No.
Width		
PS 2.3 RT	5.4 mm	20 0180400000
STB 7/D4/2.3/M3 ZB/SAKC	100	0358500000
AP SAK4-10 KRG	1.5 mm	20 0117920000
AP SAK4-10 KRG/BL	1.5 mm	20 0117970000
TW SAK4-10 KRG	2.5 mm	20 0130120000
TW SAK4-10 KRG/BL	2.5 mm	20 0130170000

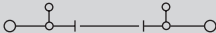
DEK 5/6,5
Dummy plug and pull out tool see chapter accessories

SAKC 10

10 mm²



12 x 65 x 52.5
27 / 10
0.33...10



IEC 60947-7-1

IEC	UL	CSA
500	600	600
26	25	25
10	AWG 22...8	AWG 20...10
6 / 3		
B6 / 5VA		



Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...10
1.2...2.4 Nm (M 4)
12 / 1.0 x 5.5 mm

Tightening torque for socket is 1.2 Nm. Tightening torque is 2 Nm when connecting 10-mm² stranded conductor

Type	Qty.	Order No.
SAKC 10 2STB	50	0324120000
Version with socket (right), Art.no.: 0324020000 SAKC 10 STB/RE		

Type	current	Qty.	Order No.
QL 2 SAKA10	36 A	50	0135500000
QL 3 SAKA10	36 A	50	0135600000
QL 4 SAKA10	36 A	50	0135700000
QL 10 SAKA10	36 A	20	0338500000
VH 13.6/7/4.2 SAKA10		50	0299700000
BFSC M4X20		100	0362800000
SS M4 D 128-A 4		100	0136400000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 17/D6/4/M4 SAKC10	50	0147100000	
AP SAKB-C-T I	3 mm	20	0146710000
TW SAKB-C-T	3 mm	20	0242920000

DEK 5/6,5
Pull out force look under Accessories.

Fuse terminals

TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

Ordering data

Version
Note

Accessories

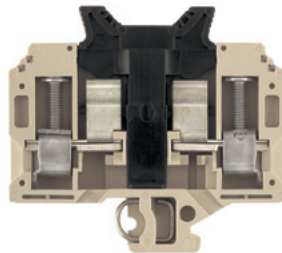
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,10 A
	0,20 A
	0,25 A fast
	0,50 A fast
	0,63 A
	1,00 A fast
	1,60 A
	2,00 A fast
	2,50 A
	3,15 A
	4,00 A
	5,00 A
	6,30 A
Contact sleeve	

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

KSKM 1

10 mm²

5 x 20



13 x 69 x 63
6.3 / 16
0.13...16



IEC	UL	CSA
250	600	
6.3	10	
10	AWG 26...8	
B6 / V-0		
Rated connection		
0.5...16		
0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		

Type	Qty.	Order No.
KSKM 1/32 G20	20	9509570000

Type	Qty.	Order No.
G 20/0.10A/F	10	0430300000
G 20/0.20A/F	10	0430400000
G 20/0.25A/F	10	0430500000
G 20/0.50A/F	10	0430600000
G 20/0.63A/F	10	0439000000
G 20/1.00A/F	10	0430700000
G 20/1.60A/F	10	0430800000
G 20/2.00A/F	10	0430900000
G 20/2.50A/F	10	0431000000
G 20/3.15A/F	10	0431100000
G 20/4.00A/F	10	0431200000
G 20/5.00A/F	10	0431300000
G 20/6.30A/F	10	0431400000
SBL/1912	10	0446100000

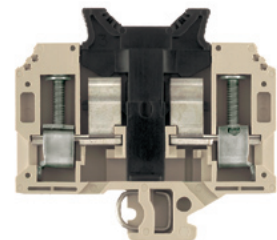
Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5

KSKM 2

10 mm²

1" x 1/4"



13 x 69 x 63
13 / 16
0.13...16



IEC	UL	CSA
250	600	
13	15	
10	AWG 26...8	
B6 / V-0		
Rated connection		
0.5...16		
0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		

Type	Qty.	Order No.
KSKM 2/32 GZ 1X1/4	20	9509580000

Type	Qty.	Order No.
SBL/2111	10	0446200000

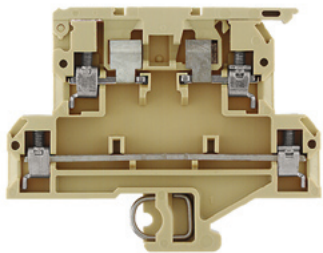
Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5

Fuse 1" x 1/4" aren't available by Weidmüller.

KDKS 1

4 mm²



8 x 73.5 x 55.6

6.3 / 4

0.33...4

IEC 60947-7-3		
IEC	UL	CSA
500	300	
6.3	10	
4	AWG 22...12	
	6 / 3	
	A3 / V2	
		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
8 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Note: max. conductor size = 2.5 mm² when using the cross-connection.		

Type	Qty.	Order No.
KDKS 1/32	50	9503300000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Type	current	Qty.	Order No.
QB 2 WI RA8 IS	27 A	50	0461100000
QB 3 WI RA8 IS	27 A	50	0461200000
QB 4 WI RA8 IS	27 A	50	0461300000
G 20/0.10A/F		10	0430300000
G 20/0.20A/F		10	0430400000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/1.60A/F		10	0430800000
G 20/2.00A/F		10	0430900000
G 20/2.50A/F		10	0431000000
G 20/3.15A/F		10	0431100000
G 20/4.00A/F		10	0431200000
G 20/5.00A/F		10	0431300000
G 20/6.30A/F		10	0431400000

DEK 5/8

Fuse terminals

TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

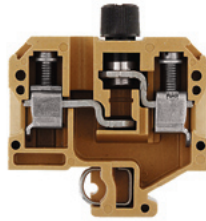
Ordering data

Version	
500 V AC/DC	
With GL 230 V AC/DC	
With GL 115 V AC/DC	
With LED +/- 24 V DC	
500 V AC/DC	
Note	

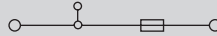
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Medium yellow

SAKS 1 5x20

10 mm²

13 x 54 x 61
10 / 16
0.13...16



IEC	UL	CSA
500	600	600
10	6.3	10
10	AWG 22...10	AWG 26...10
6 / 3		
B6 / 5VA		
		
Rated connection		
0.5...16 / 1.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Connections for 10-mm ² stranded conductors require a tightening torque of 2 Nm.		

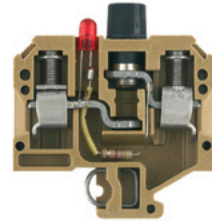
Type	Qty.	Order No.
SAKS 1/G20	20	0191220000

Type	current	Qty.	Order No.
QL 2 SAKS1	36 A	50	0191400000
QL 3 SAKS1	36 A	50	0191500000
QL 4 SAKS1	36 A	20	0191600000
Width			
AP SAKS1+3 KRG	3 mm	20	0191320000

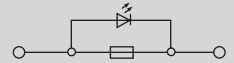
SAKS 1 5x20

10 mm²

With LED or glow lamp



13 x 54 x 61
10 / 16
0.5...16



IEC	UL	CSA
500		
6.3		
10	AWG 22...8	AWG 26...10
	4 /	
	B6 / 5VA	
		
Rated connection		
0.5...16 / 1.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.		

Type	Qty.	Order No.
SAKS 1/32 G20 GL 230VAC	10	0306120000
SAKS 1/32 G20 GL 115VAC	10	0385320000
SAKS 1/32 G20 LD 24VDC	10	0371420000

Type	Qty.	Order No.
Width		
AP SAKS1+3 KRG	3 mm	20 0191320000

Marking systems (see assortment in catalogue 7)

Marking tags

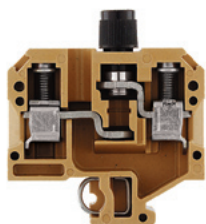
For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

Refer to „Accessories“ Chapter for cross-connection accessories

DEK 5/5

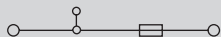
SAKS 1 5x25

10 mm²

13 x 54 x 61

10 / 16

0.13...16



IEC	UL	CSA
500	300	600
10	6.3	10
10	AWG 22...8	AWG 26...10
6 / 3		
B6 / 5VA		



Rated connection

0.5...16 / 1.5...10

0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

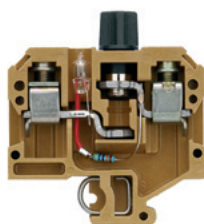
12 / 1.0 x 5.5 mm

Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.

SAKS 1 5x25

10 mm²

With glow lamp



13 x 54 x 61

6.3 / 16

0.5...16



IEC	UL	CSA
500		
6.3		
10	AWG 22...8	AWG 26...10
4 /		
B6 / 5VA		



Rated connection

0.5...16 / 1.5...10

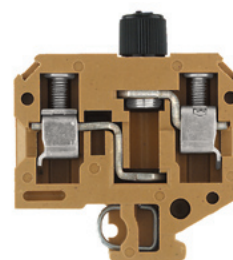
0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.

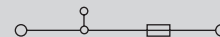
SAKS 3

10 mm²

13 x 54 x 61

10 / 16

0.33...16



IEC	UL	CSA
500	300	600
10	10	10
10	AWG 22...8	AWG 22...10
6 / 3		
B6 / 5VA		



Rated connection

0.5...16 / 1.5...10

0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SAKS 3 1/G25	20	0191120000
SAKS 3 1/32 G25 GL 230VAC	10	0309320000
SAKS 3 GZ/6.3X32	20	0248920000
SAKS 3 1"x1/4" with a red cap available under 0211120000.		

Type	Qty.	Order No.
SAKS 1/G25	20	0191120000
SAKS 1/32 G25 GL 230VAC	10	0309320000
SAKS 3 GZ/6.3X32	20	0248920000
SAKS 3 1"x1/4" with a red cap available under 0211120000.		

Type	current	Qty.	Order No.
QL 2 SAKS1	36 A	50	0191400000
QL 3 SAKS1	36 A	50	0191500000
QL 4 SAKS1	36 A	20	0191600000
QL 10 SAKS1	36 A	20	0338800000
Width			
AP SAKS1+3 KRG	3 mm	20	0191320000

Type	Qty.	Order No.
Width		
AP SAKS1+3 KRG	3 mm 20	0191320000

Type	current	Qty.	Order No.
QL 2 SAKS1	36 A	50	0191400000
QL 3 SAKS1	36 A	50	0191500000
QL 4 SAKS1	36 A	20	0191600000
QL 10 SAKS1	36 A	20	0338800000
Width			
AP SAKS1+3 KRG	3 mm	20	0191320000

DEK 5/5

Refer to „Accessories“ Chapter for cross-connection accessories

DEK 5/5

Refer to „Accessories“ Chapter for cross-connection accessories

DEK 5/5

Fuse terminals

TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Without LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Mounting screw	
Lock washer	
Screw cover cap	
	SK
Gauge rings	
Fuse cartridges	



Screw cover cap

Gauge rings

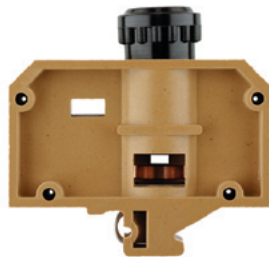
Fuse cartridges

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

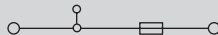
SAKS 2

10 mm²

27.6 x 80 x 75

10 / 16

0.33...16



IEC 60947-7-3

IEC	UL	CSA
500		600
10		25
10		AWG 22...8
	6 / 3	
	B6 / 5VA	
Rated connection		
0.5...16 / 0.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		

Connections for stranded conductors from 10 mm² and 7-wire AWG conductors require a tightening torque of 2 Nm.

Type	Qty.	Order No.
SAKS 2	20	0206820000

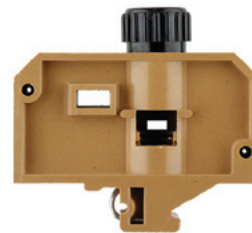
Type	current	Qty.	Order No.
QL 2 SAKS2	36 A	20	0207800000
QL 3 SAKS2	36 A	20	0207900000
QL 4 SAKS2	36 A	20	0208000000
QL 10 SAKS2	36 A	20	0338900000
BFSC M4X9T		100	0103300000
SS M4 D 128-A 4		100	0136400000
Width			
SK E16/SAKS2		25	0284110000
P 16/10 RT SAKS2		100	0208900000
P 16/16 GR SAKS2		100	0209000000
P 16/20 BL SAKS2		100	0209100000
E 16/10A RT TNDZ		25	0208500000
E 16/16A GR TNDZ		25	0208600000
E 16/20A BL TNDZ		25	0208700000
E 16/25A GE TNDZ		25	0208800000

DEK 5/5 / SHT 7

SAKS 4

10 mm²

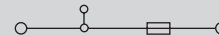
D 01-fuses



24 x 75 x 66

16 / 16

0.33...16



IEC 60947-7-3

IEC	UL	CSA
400		600
16		30
10		AWG 22...8
	6 / 3	
	B6 / 5VA	
Rated connection		
0.5...16 / 1.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
14 / 1.0 x 5.5 mm		

Connections for stranded conductors from 10 mm² and 7-wire AWG conductors require a tightening torque of 2 Nm.

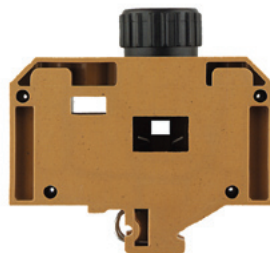
Type	Qty.	Order No.
SAKS 4	20	0321320000

Type	current	Qty.	Order No.
QL 2 SAKS4	36 A	20	0328000000
QL 3 SAKS4	36 A	20	0328100000
QL 4 SAKS4	36 A	20	0328200000
QL 10 SAKS4	36 A	20	0339000000
BFSC M4X9T		100	0103300000
SS M4 D 128-A 4		100	0136400000
Width			
SK E14 SAKS4		20	0339410000
P 14/2 D01 RS SAKS4		50	0138000000
P 14/4 D01 BR SAKS4		50	0138100000
P 14/10 D01 RT SAKS4		50	0328700000
P 14/6 D01 GN SAKS4		50	0328600000
E 14/2A RS		10	0137400000
E 14/4A BR		10	0137500000
E 14/6A GN		10	0328300000
E 14/10A RT		10	0328400000
E 14/16A GR		10	0328500000

DEK 5/5

16 mm²

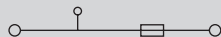
D 02 - fuse



28 x 80 x 66

63 / 16

1.5...16



IEC 60947-7-3		
IEC	UL	CSA
400	600	600
63	40	63
16	AWG 14...6	AWG 14...6
6 / 3		
B7 / 5VA		







Rated connection

1.5...16 / 1.5...16

$$\frac{1.5...16}{1.5...16}$$

1.2...2.4 Nm (M 4)

13 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm² and 7-wire AWG conductors require a tightening torque of 2 Nm.

Type	Qty.	Order No.
SAKS 5 380AC	20	0359420000

Type	current	Qty.	Order No.
QL 2 SAKS2	36 A	20	0207800000
QL 3 SAKS2	36 A	20	0207900000
QL 4 SAKS2	36 A	20	0208000000
QL 10 SAKS2	36 A	20	0338900000
BFSC M4X9T		100	0103300000
SS M4 D 128-A 4		100	0136400000
Width			
SK E18 SAKS5		20	0359310000
P 18/20 D02 BL SAKS5		50	0361800000
P 18/25 D02 GE SAKS5		50	0361900000
P 18/35 D02 SW SAKS5		50	0362000000
P 18/50 D02 WS SAKS5		50	0362100000
E 18/20A BL		10	0361300000
E 18/25A GE		10	0361400000
E 18/50A WS		10	0361600000
E 18/63A KU		10	0361700000

DEK 5/5

Partition wall TW HP (2.0) order no. 0607000000 only for TS 32

Fuse inserts and gauge rings for Weidmüller fuse terminals

Fuse inserts

Technical data

for terminal type	G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 BI ¹⁾)				Order data	
	Size (mm)	Rated voltage (V)	Rated current (A)	Type	Qty.	Order No.
SAKS 1	5 x 20	250	0.1	(F) G 20/0.10A/F	10	0430300000
SAKS 7			0.2	(F) G 20/0.20A/F	10	0430400000
ASK 1			0.25	(F) G 20/0.25A/F	10	0430500000
WSI 6			0.5	(F) G 20/0.50A/F	10	0430600000
			0.63	(F) G 20/0.63A/F	10	0439000000
			1.0	(F) G 20/1.00A/F	10	0430700000
			1.6	(F) G 20/1.60A/F	10	0430800000
			2.0	(F) G 20/2.00A/F	10	0430900000
			2.5	(F) G 20/2.50A/F	10	0431000000
			3.15	(F) G 20/3.15A/F	10	0431100000
			4.0	(F) G 20/4.00A/F	10	0431200000
			5.0	(F) G 20/5.00A/F	10	0431300000
			6.3	(F) G 20/6.30A/F	10	0431400000
			(M) = medium-delayed action (F) = fast			
	G fuse inserts 5 x 25 with indicator acc. to DIN 41576 ¹⁾)					
SAKS 1	5 x 25 m. K. ¹⁾)	250	0.25	(M) G 25/0.25A/M	10	0546900000
SAKS 7			0.5	(M) G 25/0.50A/M	10	0510300000
WSI 6			0.8	(M) G 25/0.80A/M	10	0646400000
			1	(M) G 25/1.00A/M	10	0265800000
			10	(M) ²⁾ G 25/10.0A/M	10	0193100000
			2	(F) G 25/2.00A/F	10	0192700000
			4	(F) G 25/4.00A/F	10	0192800000
			6.3	(F) G 25/6.30A/F	10	0192900000
			M) = medium-delayed action (F) = fast			
	Fuse inserts 1¼" x ¼" without indicator acc. to BS 88					
SAKS 3 ²⁾	33 kA Breaking capacity 33 kA fast	440	0.5	GZ 0.5A/F	10	0533800000
SAKS 6			1	GZ 1.0A/F	10	0525500000
			2	GZ 2.0A	10	0294500000
			3	GZ 3.0A	10	0295700000
			5	GZ 5.0A	10	0294600000
			7	GZ 7.0A	10	0295800000
			10	GZ 10.0A	10	0293900000
			12.5	GZ 12.5A/FF	10	0245400000
			(F) = fast (M) = medium-delayed action			
	D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed)					
SAKS 2	E 10 A	500	10	E 16/10A RT	25	0208500000
			16	E 16/16A GR	25	0208600000
			20	E 16/20A BL	25	0208700000
			25	E 16/25A GE	25	0208800000
			F) = fast (M) = medium-delayed action			
	D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed) ³⁾					
SAKS 4 ⁴⁾	E 14/2	400	2	E 14/2A RS	10	0137400000
			4	E 14/4A BR	10	0137500000
			6	E 14/6A GN	10	0328300000
			10	E 14/10A RT	10	0328400000
	E 14/16		16	E 14/16A GR	10	0328500000
SAKS 5	E 18/20	400	20	E 18/20A BL	10	0361300000
	E 18/25		25	E 18/25A GE	10	0361400000
	E 18/35		35	E 18/35A SW	10	0361500000
	E 18/50		50	E 18/50A WS	10	0361600000
	E 18/63		63	E 18/63A KU	10	0361700000
			(F) = fast (M) = medium-delayed action			

Note: ¹⁾ The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.

²⁾ 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company

³⁾ The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.

⁴⁾ Fuse cartridges with the dimensions 1"x¼" ≅ 25.4x6.35 mm and 13/32"x1½" ≅ 10.3x38.1 mm are not included in product line.

⁵⁾ Only for SAKS 1 and SAKS 7.

Gauge rings

Technical data

for terminal type	Gauge ring type	Amp.	Colour	Type	Qty.	Order No.
SAKS 4 and 4/35	P 14/2	2	pink	P 14/2D01 RS	50	0138000000
	P 14/4	4	brown	P 14/4D01 BR	50	0138100000
	P 14/6	6	green	P 14/6D01 GN	50	0328600000
	P 14/1	10	red	P 14/10D01 RT	50	0328700000
SAKS 5 and 5/35	P 18/20	20	blue	P 18/20D02 BL	50	0361800000
	P 18/25	25	yellow	P 18/25D02 GE	50	0361900000
	P 18/35	35	black	P 18/35D02 SW	50	0362000000
	P 18/50	50	white	P 18/50D02 WS	50	0362100000
SAKS 2 and 2/35	P 16/10	10	red	P 16/10 RT	100	0208900000
	P 16/16	16	grey	P 16/16 GR	100	0209000000
	P 16/20	20	blue	P 16/20 BL	100	0209100000

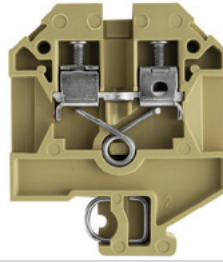
Terminals with spring-loaded cable clamps

TS 32

RSF 3

4 mm²

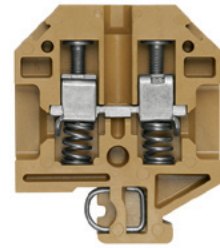
Material PA 6.6



RSF 1

10 mm²

Material KrG



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 50 x 60	
32 / 4	
0.33...4	

11 x 50 x 60	
57 / 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA
630	600	600
32	20	25
4	AWG 22...12	AWG 22...12
	6 / 3	
	/ V2	
Rated connection		
0.5...4 / 0.75...4		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
12 / 0.6 x 3.5 mm		

IEC 60947-7-1

IEC	UL	CSA
500		300
57		50
10		AWG 14...8
	6 / 3	
	A5 / 5VA	
Rated connection		
0.5...10 / 0.5...10		
1.5...4 / 0.5...6		
1.2...1.6 Nm (M 4)		
15 / 1.0 x 5.5 mm		

When used with an AWG 8/7 conductor, the tightening torque is 1.6 Nm.

Ordering data

Version
Note

Type	Qty.	Order No.
RSF 3 PA	50	0497560000

Type	Qty.	Order No.
RSF 1 KRG	50	0270320000

Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
Connecting sleeve	
Mounting screw	
Lock washer	
Switchable link	
Switchable link	
Connecting sleeve	
Mounting screw	
Testing / Checking	
Test plug	
Socket	
End plate / Partition plate	
beige	
beige	
Small partition	
Small partition	

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 13.5/4.9/3.3 SAK4		100	0248500000
KISC M3X20.5/10 EK4		100	0303000000
SS M3 D 128-A 3		50	0164400000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
AP RSF3	3 mm	10	0270460000
TW AST1/PA HP/DBR/0.5	0.5 mm	20	0474700000
TSCH 1	2 mm	100	0319160000

Type	current	Qty.	Order No.
QL 2 RSF1+2	57 A	50	0267400000
QL 3 RSF1+2	57 A	50	0267500000
QL 4 RSF1+2	41 A	50	0267600000
QL 10 RSF1+2	41 A	20	0341700000
Width			
SS M3 D 128-A 3		50	0164400000
Width			
VL 2 RSF 1+2	32 A	50	0528400000
VH 27/5/3.5 SAK10-35		50	0309400000
BFSC M3X35		50	0309800000
Width			
PS 4 FSTB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
Width			
TW AST1/PA HP/DBR/0.5	0.5 mm	20	0474700000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

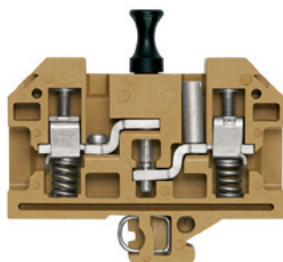
DEK 5/5

DEK 5/5

RSF 2

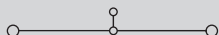
6 mm²

Material KrG

 $11 \times 77 \times 73$

41 / 16

0.75...16



IEC 60947-7-1

IEC	UL	CSA
500		300
41		30
6	AWG 14...8	
	6 / 3	
	/ 5VA	

**Rated connection**

0.75...16 / 0.5...10

$$1.5 \dots 10 / 0.5 \dots 4$$

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

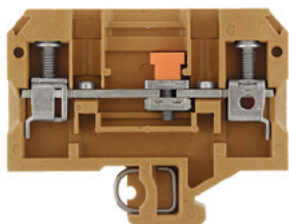
Type	Qty.	Order No.
RSF 2	20	0623320000

Type	current	Qty.	Order No.
QL 2 RSF1+2	32 A	50	0267400000
QL 3 RSF1+2	32 A	50	0267500000
QL 4 RSF1+2	32 A	50	0267600000
QL 10 RSF1+2	32 A	20	0341700000

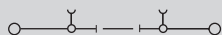
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 17/D6/4/M4 SAKC10		50	0147100000

DEK 5/5

SAKT 1/LT

6 mm²

8 x 65 x 52.5
57 / 10
0.13...10



IEC 60947-7-1

IEC	UL	CSA
400	300	300
41	25	25
6	AWG 22...8	AWG 26...8
6 / 3		
A5 / 5VA		

**Rated connection**

0.5...10 / 1.5...10
 0.5...6 / 0.5...6
 0.8...1.6 Nm (M 3.5)
 12 / 4.0 x 0.8 mm

10 mm² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

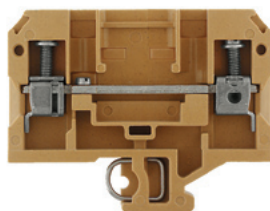
Type	Qty.	Order No.
SAKT 1/LT	50	0269120000
SAKT 1/LT STB14/4	50	0437920000

Type	current	Qty.	Order No.
QL 2 SAK6N	57 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	57 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
TSCH 2			
	0.6 mm	100	0353660000
current			
QVS 2 SAKT1+2		20	0307300000
QVS 3 SAKT1+2		20	0329300000
QVS 4 SAKT1+2		20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1			
		100	0531760000
QS 2/8/4		20	0270960000

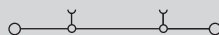
DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

SAKT 1/DU1

6 mm²

8 x 65 x 52.5
57 / 10
0.13...10



IEC 60947-7-1

IEC	UL	CSA
400	300	300
41	25	25
6	AWG 22...8	AWG 26...8
6 / 3		
A5 / 5VA		

**Rated connection**

0.5...10 / 1.5...10
 0.5...6 / 0.5...6
 0.8...1.6 Nm (M 3.5)
 12 / 4.0 x 0.8 mm

10 mm² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

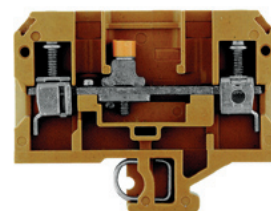
Type	Qty.	Order No.
SAKT 1/DU2	50	0550420000
SAKT 1/DU1	50	0195620000

Type	current	Qty.	Order No.
QL 2 SAK6N	57 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	57 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
TSCH 2			
	0.6 mm	100	0353660000
current			
QVS 2 SAKT1+2		20	0307300000
QVS 3 SAKT1+2		20	0329300000
QVS 4 SAKT1+2		20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1			
		100	0531760000
QS 2/8/4		20	0270960000

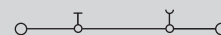
DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

SAKT 1/QT

6 mm²

8 x 65 x 52.5
57 / 10
0.13...10



IEC 60947-7-1

IEC	UL	CSA
400	300	300
41	25	25
6	AWG 22...8	AWG 26...8
6 / 3		
A5 / 5VA		

**Rated connection**

0.5...10 / 1.5...10
 0.5...6 / 0.5...6
 0.8...1.6 Nm (M 3.5)
 12 / 4.0 x 0.8 mm

10 mm² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

Type	Qty.	Order No.
SAKT 1/QT2	50	0494820000
SAKT 1/QT1	50	0269320000

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
TSCH 2			
	0.6 mm	100	0353660000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1			
		100	0531760000
QS 2/8/4		20	0270960000

DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

Test-disconnect terminals

TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

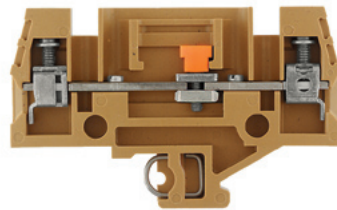
Ordering data

Version	
	Without socket
	With open rear wall for cross-connection
	With 2 sockets
	With 4 sockets
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
End plate / Partition plate	
	Medium yellow
	beige
	Medium yellow
Small partition	
	Small partition
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Mounting screw for QVS
Testing / Checking	
	Test plug
	Socket
Miscellaneous accessories	
	Lockout device
	Short-circuit plug, 2-pole
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

SAKT 2/LT

6 mm²

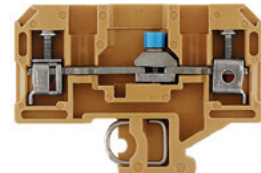
8 x 82 x 52.5
46 / 10
0.5...10



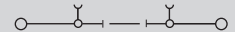
IEC 60947-7-1

IEC	UL	CSA
125	300	
41	25	
6	AWG 22...8	
	6 / 3	
	A5 / 5VA	
Rated connection		
0.5...10 / 1.5...10		
0.5...6 / 0.5...6		
1.2...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		
10 mm ² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.		

SAKT 4/LT

4 mm²

8 x 57.2 x 42.5
41 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA
400	300	300
32	20	20
4	AWG 22...12	AWG 26...10
	6 / 3	
	A3 / 5VA	
Rated connection		
0.5...6 / 1.5...4		
0.5...4 / 0.5...4		
0.4...0.7 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Two conductors with the same cross-section can be accommodated. 1.5 mm ² solid and 0.5...1.5 mm ² flexible		

Type	Qty.	Order No.
SAKT 4/LT O.STB	50	0254120000
SAKT 4/LT STB2.0	50	0310320000

Type	Qty.	Order No.
SAKT 2/LT O.STB	50	0445420000
SAKT 2/LT STB	50	0330620000
SAKT 2/LT 4STB	50	0437720000

Type	current	Qty.	Order No.
QL 2 SAK2.5	41 A	100	0155900000
QL 3 SAK2.5	41 A	100	0156000000
QL 4 SAK2.5	41 A	50	0156100000
QL 10 SAK2.5	41 A	20	0338100000
VH 8/4.9/3.3 SAK2.5		100	0266700000
KISC M3X15/6 SAK2.5 CU5		100	0377200000
Width			
TW AST1/PA HP/DBR/0.5	0.5 mm	20	0474700000
current			
QVS 2/4 SAKT4	32 A	20	1319260000
VH 16/5/3.5 SAK10-35		50	0309700000
BFSC M3X22 SAKT4		50	1319900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
SSP 4 SAKT4		20	1319360000

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
current			
TSCH 2	0.6 mm	100	0353660000
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000

DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

Terminals for temperature measuring circuits

TS 32 / PA

Busbars from thermocouple materials, according to DIN IEC 584.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	NiCr
	Ni
	CuNi
	Fe
	Cu
	(NiCr - Ni) type K
	(Cu - CuNi) type T
	(Fe-CuNi) type J
Note	

Accessories

End plate / Partition plate	
	beige
	beige
	Dark beige Wemid

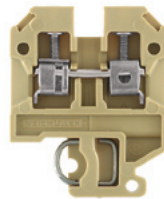
Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

SAK 2.5/TC

2.5 mm²



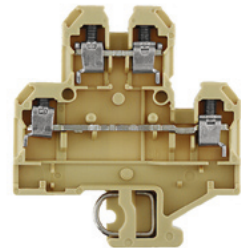
6 x 36.5 x 46.5
/ 2.5
...2.5

IEC 60947-7-1 / IEC 60584

IEC	UL	CSA
2.5		
	/ 3	
	/ V2	
Rated connection		
0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		

DK 4 TC

4 mm²



6 x 54 x 59.5
/ 4
...4

IEC 60947-7-1 / IEC 60584

IEC	UL	CSA
4		
	A3 / V2	
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1.0 Nm (M 3)		
9 / 0.6 x 3.5 mm		

Type	Qty.	Order No.
DK 4Q/TC TYP K	100	1338260000
DK 4Q/TC TYP T	100	1338160000
DK 4Q/TC TYP J	100	1338060000

Type	Width	Qty.	Order No.
AP DK4Q	1.5 mm	20	1397160000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000
WTW EN	3 mm	20	1058800000

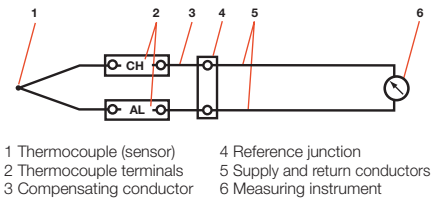
DEK 5/6

SAK 2.5/TC / DK 4 TC

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit



The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

Technical data

Thermocouples to IEC 584 (DIN 43 710)

Terminal	Busbar material trade name
a) Type J	
Fe (positive leg)	Iron
CuNi (negative leg)	Constantan
b) Type T	
Cu (positive leg)	Copper
CuNi (negative leg)	Constantan
c) Type K	
NiCr (positive leg)	Chromel
Ni (negative leg)	Alumel

Terminals with screw-less connections

with push-on connection
TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

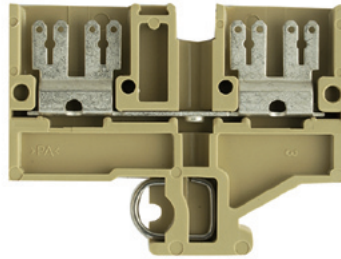
Version	
	Slotted
	Not slit
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Plug-in adapter	
	2-pole
	3-pole
	4-pole
	5-pole
	8-pole
End plate / Partition plate	
	beige
	beige
Small partition	
	Small partition
Testing / Checking	
	Test plug
	Socket
Insulating sleeve	
	2,8
	6,3

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

AST 1

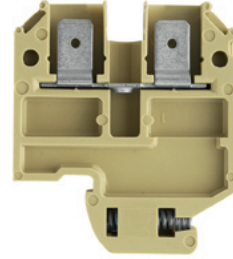
2.5 mm²

6.5 x 58 x 46	F6.3 F6.3 F2.8 F2.8
20 / 2.5	
0.5...2.5	

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	600	300
20	13	16
2.5		
	6 / 3	
	/ V2	
		
Rated connection		
0.5...2.5		
Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8		

AST 3

2.5 mm²

6.5 x 40 x 46	6.3 2.8 6.3 2.8
20 / 2.5	
0.5...2.5	

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	16
2.5		
	6 / 3	
	/ 5VA	
		
Rated connection		
0.5...2.5		
The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.		

Type	Qty.	Order No.
AST 1 6.3/2.8	50	0478260000
AST 1 6.3	50	0266360000
Note		

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
STA 2.5/2		100	0165860000
STA 2.5/3		50	0165960000
STA 2.5/4		50	0190360000
STA 2.5/5		50	0166060000
STA 2.5/8		50	0166160000
Width			
AP SAK2.5/35 + AST3+4	1.5 mm	20	0460560000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000
Width			
TSCH 1	2 mm	100	0319160000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

Terminals with screw-less connections

with Termini-Point / Wire-Wrap connection TS 32 / PA

SAK 2.5 T 1x1

2.5 mm²

DK 4 T

4 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

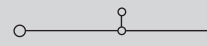
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	right
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	beige
	Blue
	beige
Small partition	
	Small partition
External cross-connection	
	2-pole
	3-pole
	4-pole
Testing / Checking	
	Test plug
	Socket

6 x 36.5 x 67	
8 / 6	
0.33...6	

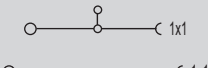
IEC 60947-7-1

IEC	UL	CSA
250		300
8		10
2.5		AWG 22...12
	4 / 3	
	A3 / V2	
Rated connection		
0.5...6 / 0.5...2.5		
0.5...4 / 0.5...2.5		
0.4...0.7 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		

Type	Qty.	Order No.
SAK 2.5 SW 1X1	100	0108560000

Type	current	Qty.	Order No.
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000
Q 10 SAK2.5	41 A	20	0368700000
Width			
AP SAK2.5	1.5 mm	20	0279560000
TW SAK2.5	2.5 mm	20	0302860000
TSCH 1			
	2 mm	100	0319160000
PS 2.3 RT			
	5.4 mm	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5			
		50	0280600000

DEK 5/6

6 x 50 x 77.5	
10 / 6	
0.5...6	

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
250		300
10		10
4	AWG 22...12	AWG 22...12
	4 / 3	
	A3 / V2	
Rated connection		
0.5...6 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.8 Nm (M 3)		
8 / 0.6 x 3.5 mm		

Type	Qty.	Order No.
DK 4 SW 1X1	50	0536560000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
AP DK4	1.5 mm	20	0359260000
AP DK4 BL	1.5 mm	20	0359280000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000
TSCH 4 AKZ4			
	6 mm	100	0363360000
current			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000

DEK 5/6

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

with solder connection
TS 32 / PA

SAKRT

4 mm²

SAK 2.5 L

2.5 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

6.5 x 42 x 40.5

8 / 4

0.5...4

IEC 60947-7-1

IEC	UL	CSA
250		300
8		10
4		AWG 22...12
		4 / 3
		A3 / V2
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1.0 Nm (M 3)		
8 / 0.6 x 3.5 mm		
QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm ² . Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.		

6 x 44.5 x 46.5

17.5 / 6

0.33...6

IEC 60947-7-1 / IEC 60068-2-20

IEC	UL	CSA
250		300
17.5		10
2.5		AWG 22...12
		4 / 3
		A3 / V2
Rated connection		
0.5...6 / 0.5...2.5		
0.5...4 / 0.5...2.5		
0.4...0.7 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
max 1.5 mm ² conductor via solder connection		

Ordering data

Version	
	beige
	right
	left
Note	

Type	Qty.	Order No.
SAKR TS SE 1.6	100	0469360000

Type	Qty.	Order No.
SAK 2.5 SL	100	0351460000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	beige
	Blue
	beige
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Testing / Checking	
	Test plug
	Socket

Type	Qty.	Order No.
current		
QB 2 WI RA6 IS	27 A	50 0482700000
QB 3 WI RA6 IS	27 A	50 0482800000
QB 4 WI RA6 IS	27 A	50 0482900000
Width		
AP SAKR BE	1.5 mm	20 0211360000
TW SAKS2 HP/DBR/2	2 mm	20 0607000000
PS 2.3 RT	5.4 mm	20 0180400000

Type	current	Qty.	Order No.
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000
Q 10 SAK2.5	41 A	20	0368700000
Width			
AP SAK2.5	1.5 mm	20	0279560000
AP SAK2.5 BL	1.5 mm	20	0279580000
TW SAK2.5	2.5 mm	20	0302860000
TW SAK2.5 BL	1.5 mm	20	0302880000
TSCH 1	2 mm	100	0319160000
AD 4 AKZ4		50	0303400000
BFSC M3X22 PA/RT		100	0128900000
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/6,5

DEK 5/6

Terminals with screw-less connections

with solder connection
TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	beige
	right
	left
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	beige
	Blue
	beige
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Testing / Checking	
	Test plug
	Socket

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

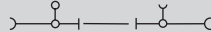
SAKR L STB 6

4 mm²

6.5 x 50 x 40.5

10 / 4

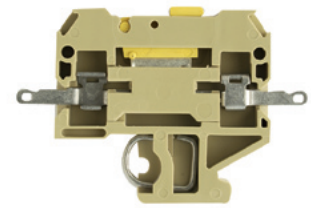
0.5...4



IEC 60947-7-1 / IEC 60068-2-20

IEC	UL	CSA
250		
10		
4		
	4 / 3	
	A3 / V2	
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...1.0 Nm (M 3)		
8 / 0.6 x 3.5 mm		
When using disconnect terminals with sockets, the tightening torque is 0.5 - 0.7 Nm.		

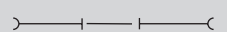
SAKR LL

1.5 mm²

6.5 x 58 x 40.5

10 / 1.5

0.5...1.5



IEC 60947-7-1 / IEC 60068-2-20

IEC	UL	CSA
250		300
10		10
1.5		AWG 22...12
	4 / 3	
	/ V2	
Rated connection		
0.5...1.5		
0.5...1.5		

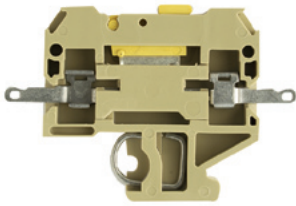
Type	Qty.	Order No.
SAKR LL	100	0464460000

Type	Qty.	Order No.
Width		
AP SAKR BE	1.5 mm	20 0211360000
AP SAKR BL	1.5 mm	20 0211380000
TW SAKS2 HP/DBR/2	2 mm	20 0607000000

Marking systems	
	DEK 5/6,5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

SAKR LL mit STB 6

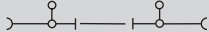
1.5 mm²



6.5 x 58 x 40.5

10 / 1.5

0.33...1.5



IEC 60947-7-1 / IEC 60068-2-20

IEC	UL	CSA
250		300
10		10
1.5	AWG 22...12	
	4 / 3	
	/ V2	



Rated connection

0.5...1.5

0.5...1.5

/ 0.6 x 3.5 mm

Tightening torque via the socket is 0.5 - 0.7 Nm.

Type	Qty.	Order No.
SAKR LL 2STB	100	0294260000

[illegible]

DEK 5/6,5

Terminals with screw-less connections

with push-on connection
TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

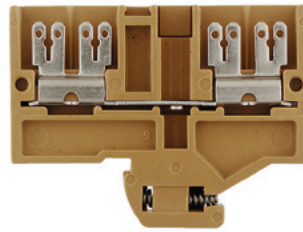
Ordering data

Version	
	Slotted
	Not slit
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Plug-in adapter	
	2-pole
	3-pole
	4-pole
	5-pole
	8-pole
End plate / Partition plate	
	beige
	Medium yellow
	Blue
	beige
	Medium yellow
	Blue
Small partition	
	Small partition
Testing / Checking	
	Test plug
	Socket
Insulating sleeve	
	2,8
	6,3
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

AST 1

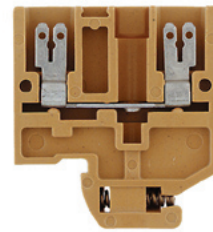
2.5 mm²

6.5 x 58 x 46	6.3 6.3	6.3 6.3
20 / 2.5	2.8 2.8	2.8 2.8
0.5...2.5		

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	600	300
20	13	16
2.5		
	6 / 3	
	/ 5VA	
Rated connection		
0.5...2.5		
Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8		

AST 3

2.5 mm²

6.5 x 40 x 46	6.3 6.3	6.3 6.3
20 / 2.5	2.8 2.8	2.8 2.8
0.5...2.5		

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	16
2.5		
	6 / 3	
	/ 5VA	
Rated connection		
0.5...2.5		
The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.		

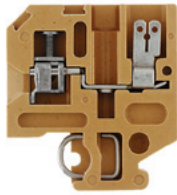
Type	Qty.	Order No.
AST 1 6.3/2.8 KRG	50	0478220000
AST 1 6.3 KRG	50	0266320000

Type	Qty.	Order No.
AST 3 6.3/2.8 KRG	100	0442420000
AST 3 6.3 KRG	100	0298020000
Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8		

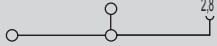
Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
STA 2.5/2		100	0165860000
STA 2.5/3		50	0165960000
STA 2.5/4		50	0190360000
STA 2.5/5		50	0166060000
STA 2.5/8		50	0166160000
Width			
AP AST1+5 KRG	3 mm	20	0266420000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000
Width			
TSCH 1	2 mm	100	0319160000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
AP AST3+4 KRG	3 mm	20	0298120000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000
Width			
TSCH 1	2 mm	100	0319160000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

AST 4

2.5 mm²

6.2 x 40 x 46
20 / 4
0.2...4



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	16
2.5	AWG 22...12	AWG 24...12
6 / 3		
A3 / 5VA		



Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.7 Nm (M 2.5)
9 / 0.6 x 3.5 mm

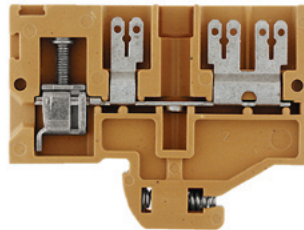
Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 When used with F 2.8, the rated voltage is 500 V

Type	Qty.	Order No.
AST 4 SF 6.3/2.8 KRG	100	0439120000

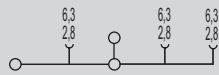
Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
STA 2.5/2		100	0165860000
STA 2.5/3		50	0165960000
STA 2.5/4		50	0190360000
STA 2.5/5		50	0166060000
STA 2.5/8		50	0166160000
AP AST3+4 KRG			
	3 mm	20	0298120000
TW SAKS2 HP/DBR/2			
	2 mm	20	0607000000
TSCH 1			
	2 mm	100	0319160000
PS 2.3 RT			
	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5			
		50	0168600000
IH 2.8 DB			
		100	0386060000
IH 6.3 WEM GE			
		100	0386260000

DEK 5/6

AST 5

4 mm²

6.5 x 58 x 46
20 / 6
0.2...6



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	16
4	AWG 22...12	AWG 24...12
6 / 3		
A4 / 5VA		



Rated connection

0.5...6 / 1.5...2.5
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
12 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Type	Qty.	Order No.
AST 5 SF 6.3/2.8 KRG	50	0479220000
AST 5 SF 6.3 KRG	50	0334520000

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
AP AST1+5 KRG			
	3 mm	20	0266420000
TW SAKS2 HP/DBR/2			
	2 mm	20	0607000000
TSCH 1			
	2 mm	100	0319160000
PS 2.3 RT			
	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5			
		50	0168600000
IH 2.8 DB			
		100	0386060000
IH 6.3 WEM GE			
		100	0386260000

DEK 5/6,5

Terminals with screw-less connections

with push-on connection
TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

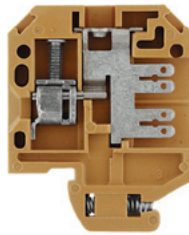
Ordering data

Version	
	Slotted
	Not slit
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Plug-in adapter	
	2-pole
	3-pole
	4-pole
	5-pole
	8-pole
End plate / Partition plate	
	beige
	Medium yellow
	Blue
	beige
	Medium yellow
	Blue
Small partition	
	Small partition
Testing / Checking	
	Test plug
	Socket
Insulating sleeve	
	2,8
	6,3
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

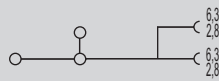
SAK 4 S

4 mm²

6.5 x 40 x 51.5

20 / 6

0.13...6



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	13
4	AWG 26...12	AWG 26...12
	6 / 3	
	A4 / 5VA	



Rated connection

0.33...6 / 1.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

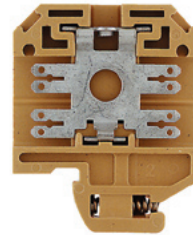
Type	Qty.	Order No.
SAK 4 S 6.3/2.8/KRG	100	0401220000

Type	current	Qty.	Order No.
QL 2 SAK4	32 A	100	0130600000
QL 3 SAK4	32 A	100	0130700000
QL 4 SAK4	32 A	50	0130800000
QL 10 SAK4	32 A	20	0338200000

Width			
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000

DEK 5/6,5

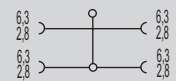
SAK 4 SS

2.5 mm²

6.5 x 40 x 51.5

20 / 2.5

0.5...2.5



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	600	300
20	13	13
2.5	AWG 18...14	AWG 18...14
	6 / 3	
	/ 5VA	



Rated connection

0.5...2.5

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Type	Qty.	Order No.
SAK 4 SS 6.3/2.8 KRG	100	0479620000
SAK 4 SS 6.3/KRG	100	0352920000

Type	current	Qty.	Order No.
QL 2 SAK4	32 A	100	0130600000
QL 3 SAK4	32 A	100	0130700000
QL 4 SAK4	32 A	50	0130800000
QL 10 SAK4	32 A	20	0338200000

Width			
AP SAK4-10	1.5 mm	20	0117960000

TW 4 SAK4-10	1.5 mm	20	0130160000
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IH 2.8 DB	100	0386060000
IH 6.3 WEM GE	100	0386260000

DEK 5/6,5

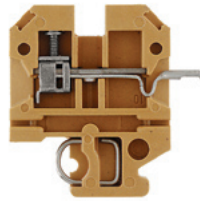
with solder connection TS 32 / KrG

SAK 2.5 L

2.5 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

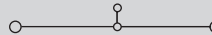
Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²



6 x 44.5 x 46.5

17.5 / 6

0.33...6



Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1 / IEC 60068-2-20

IEC	UL	CSA
250		300
17.5		10
2.5		AWG 22...12
		4 / 3
		A3 / 5VA



Rated connection

0.5...6 / 0.5...2.5
0.5...4 / 0.5...2.5
0.4...0.7 Nm (M 2.5)
10 / 0.6 x 3.5 mm

max 1.5 mm² conductor via solder connection

Ordering data

Version

Medium yellow

Note

Type	Qty.	Order No.
SAK 2.5 LS KRG	100	0544120000

Accessories

Screwable cross-connection



2-pole

3-pole

4-pole

10-pole

Testing / Checking

Test plug

Socket

End plate

Medium yellow

Blue

End plate / Partition plate

beige

Small partition

Small partition

Cover / warning label

Cover / warning label

Mounting screw (plastic)

Type	current	Qty.	Order No.
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000
Q 10 SAK2.5	41 A	20	0368700000

Width

PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000

AP SAK2.5L KRG	1.5 mm	20	0309220000
AP SAK2.5L KRG BL	1.5 mm	20	0309270000

TW SAKS2 HP/DBR/2	2 mm	20	0607000000
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TSCH 1	2 mm	100	0319160000
--------	------	-----	------------

AD 4 AKZ4		50	0303400000
-----------	--	----	------------

BFSC M3X22 PA/RT		100	0128900000
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Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6

Special terminals - SAKG

TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version
Medium yellow
Note

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark brown
	Tropical applications
End plate / Partition plate	
	dark brown
	Tropical applications
Cover / warning label	
	Cover / warning label

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

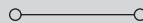
SAKG 28 I

35 mm²

28 x 70 x 63.5

150 / 50

6...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	95	110
35	AWG 6...2	AWG 6...1
8 / 3		
B9 / 5VA		
Rated connection		
6...16 / 6...50		
10...35 / 6...35		
4.0...6.0 Nm (M 6)		
15 /		
Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6 ... 50 mm ²		

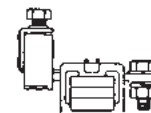
Type	Qty.	Order No.
SAKG 28 I	10	0170020000

Type	current	Qty.	Order No.
QL 2 SAKG28		10	0551200000
QL 3 SAKG28		5	0407600000
QL 4 SAKG28		5	0407700000
Width			
EP 1 SAKG28/32 HP/DBR	2 mm	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2 mm	10	0205200000
TW SAKG28 HP/DBR/2	2 mm	10	0151400000
TW SAKG28 HP/TF/GE/2	2 mm	10	0164600000
AH 28 SAKG28	26 mm	5	0326660000

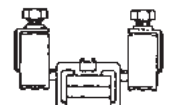
The Weidmüller SAKG range offers the following connection variants:

- Clamping yoke/flat lug as a combination, Version I.
- Flat lug, Version II.
Two types of threading are provided here.
a) screw set with lock nut
b) with thread in busbar
- Clamping yoke connection, Version III.
The stripped conductor can be connected without further preparation.

Versions



Version I

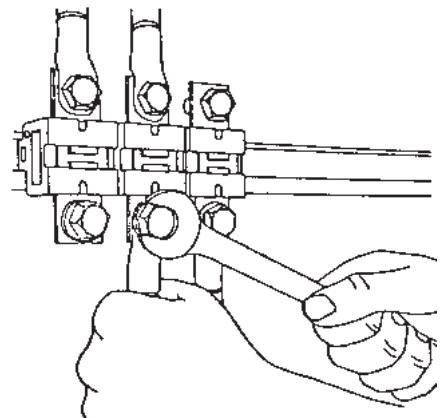
Version II
without threadVersion IIG
with thread

Version III

Cables with cable lugs are connected to SAKG terminals of Version I and to SS stud terminals.

Fitting instructions for SAKG terminals

When tightening the clamping screw, it is recommended that the conductor be held against the direction of tightening to prevent deformation of the mounting rail and so as not to place the terminal foot under undue torsional forces.



Cover

To ensure shock protection following connections of **conductors, AH** covers can be clipped onto the terminal.

TS 32 / KrG

SAKG 28 II

35 mm²

SAKG 28 II G

35 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Medium yellow
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark brown
	Tropical applications
End plate / Partition plate	
	dark brown
	Tropical applications
	dark brown
	Tropical applications
Cover / warning label	
	Cover / warning label

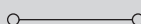
Marking systems (see assortment in catalogue 7)

Marking tags

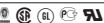
For detailed information on other accessories and applications, refer to the „Accessories“ section



28 x 70 x 53
150 / 50
6...50



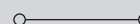
IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	115	110
35	AWG 8...2	AWG 6...1
	8 / 3	
	/ 5VA	
		
Rated connection		
3.0...6.0 Nm (M 6)		

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6 .. 50 mm²



28 x 70 x 51.4
150 / 50
6...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	95	110
35	AWG 8...2	AWG 6...1
	8 /	
	/ 5VA	
		
Rated connection		
3.0...6.0 Nm (M 6)		

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6 .. 50 mm²

Type	Qty.	Order No.
SAKG 28 II	10	0170320000

Type	current	Qty.	Order No.
QL 2 SAKG28	125 A	10	0551200000
QL 3 SAKG28	232 A	5	0407600000
QL 4 SAKG28	125 A	5	0407700000
Width			
EP 1 SAKG28/32 HP/DBR	2 mm	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2 mm	10	0205200000
TW SAKG28 HP/DBR/2			
	2 mm	10	0151400000
TW SAKG28 HP/TF/GE/2			
	2 mm	10	0164600000
AH 28 SAKG28			
	26 mm	5	0326660000

Type	Qty.	Order No.
SAKG 28 II/GW	10	0185020000

Type	current	Qty.	Order No.
QL 2 SAKG28	125 A	10	0551200000
QL 3 SAKG28	232 A	5	0407600000
QL 4 SAKG28	125 A	5	0407700000
Width			
EP 1 SAKG28/32 HP/DBR	2 mm	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2 mm	10	0205200000
TW SAKG28 HP/DBR/2			
	2 mm	10	0151400000
TW SAKG28 HP/TF/GE/2			
	2 mm	10	0164600000
AH 28 SAKG28			
	26 mm	5	0326660000

DEK 5/5

Special terminals - SAKG

TS 32 / KrG

SAKG 28 III

35 mm²

SAKG 32 I

50 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Medium yellow
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark brown
	Tropical applications
End plate / Partition plate	
	dark brown
	Tropical applications
	dark brown
	Tropical applications
Cover / warning label	
	Cover / warning label

28 x 70 x 63.5	
150 / 50	
6...50	

IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	95	135
35	AWG 8...2	AWG 8...2
8 / 3		
B9 / 5VA		
Rated connection		
6...16 / 6...50		
10...35 / 6...35		
4.0...6.0 Nm (M 6)		
15 /		

Type	Qty.	Order No.
SAKG 28 III	10	0170820000

Type	Qty.	Order No.
Width		
EP 1 SAKG28/32 HP/DBR	2 mm	10 0205100000
EP 1 SAKG28/32 HP/TF/GE	2 mm	10 0205200000
Width		
TW SAKG28 HP/DBR/2	2 mm	10 0151400000
TW SAKG28 HP/TF/GE/2	2 mm	10 0164600000
AH 28 SAKG28	26 mm	5 0326660000

32 x 87.3 x 84	
192 / 70	
10...70	

IEC 60947-7-1

IEC	UL	CSA
1000	600	600
150	165	170
50	AWG 6...3/0	AWG 1...2/0
8 / 3		
B11 / 5VA		
Rated connection		
10...16 / 10...70		
10...70 / 10...70		
6.0...12 Nm (M 8)		
26 /		

Type	Qty.	Order No.
SAKG 32 I	10	0286620000

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
Width			
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 32 SAKG32	30 mm	5	0326760000

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5

DEK 5/5

SAKG 32 II

50 mm²



32 x 80 x 53
192 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
150	200	170
50	AWG 6...3/0	AWG 1...2/0
8 / 3		
/ 5VA		



Rated connection

6.0...12 Nm (M 8)

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 ... 70 mm²

Type	Qty.	Order No.
SAKG 32 II	10	0170420000

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000
Width			
EP 1 SAKG28/32 HP/DBR	2 mm	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2 mm	10	0205200000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 32 SAKG32	30 mm	5	0326760000

DEK 5/5

SAKG 32 II G

50 mm²



32 x 80 x 53
192 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA
1000		600
150		170
50		AWG 1...2/0
8 / 3		
/ 5VA		



Rated connection

6.0...12 Nm (M 8)

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 ... 70 mm²

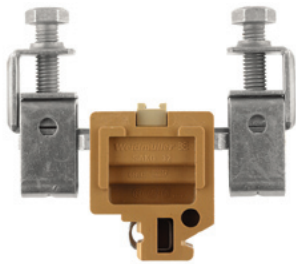
Type	Qty.	Order No.
SAKG 32 II/GW	10	0185120000

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000
Width			
EP 1 SAKG32/35 HP/DBR	2 mm	10	0180500000
EP 1 SAKG32/35 HP/TF/GE	2 mm	10	0180600000
TW SAKG28 HP/DBR/2	2 mm	10	0151400000
TW SAKG28 HP/TF/GE/2	2 mm	10	0164600000
AH 32 SAKG32	30 mm	5	0326760000

DEK 5/5

SAKG 32 III

50 mm²



32 x 94 x 84.5
192 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
150	165	185
50	AWG 6...3/0	AWG 1...2/0
8 / 3		
B11 / 5VA		



Rated connection

10...16 / 10...70

10...70 / 10...70

6.0...12 Nm (M 8)

26 /

Type	Qty.	Order No.
SAKG 32 III	10	0286720000

Type		Qty.	Order No.
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 32 SAKG32	30 mm	5	0326760000

DEK 5/5

Special terminals - SAKG

TS 32 / KrG

SAKG 70 II G

70 mm²

SAKG 40 I

95 mm²

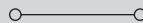
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

32 x 84 x 51.4

192 / 95

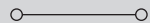
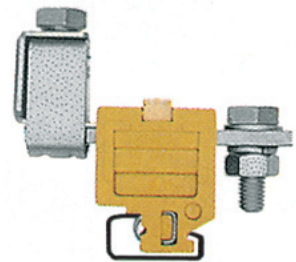
10...95



40 x 94 x 84.5

232 / 95

10...95



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1

IEC	UL	CSA
1000		600
192		200
70	AWG 6...3/0	AWG 2/0...4/0
	8 / 3	
	/ 5VA	



Rated connection

10...16

6.0...12 Nm (M 8)

Conductor connection with cable lugs according to DIN 46234 with 16...95 mm² and DIN 46235 with 10...50 mm²

IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	195	250
95	AWG 2/0...4/0	AWG 2/0...4/0
	8 / 3	
	B12 / 5VA	



Rated connection

10...16 / 10...95

10...95 / 10...95

10...20 Nm (M 10)

25 /

Conductor connection with cable lugs acc. to DIN 46234 from 10...95 mm²

Ordering data

Version	
	Medium yellow
Note	

Type	Qty.	Order No.
SAKG 70 II/GW	10	0150420000

Type	Qty.	Order No.
SAKG 40 I	10	0286820000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark brown
	Tropical applications
End plate / Partition plate	
	dark brown
	Tropical applications
	dark brown
	Tropical applications
Cover / warning label	
	Cover / warning label

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000
Width			
EP 1 SAKG28/32 HP/DBR	2 mm	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2 mm	10	0205200000
TW SAKG28 HP/DBR/2	2 mm	10	0151400000
TW SAKG28 HP/TF/GE/2	2 mm	10	0164600000
AH 32 SAKG32	30 mm	5	0326760000

Type	current	Qty.	Order No.
QL 2 SAKG40	232 A	5	0194100000
QL 3 SAKG40	232 A	5	0263500000
QL 4 SAKG40	232 A	5	0409800000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40	38 mm	5	0326860000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

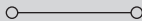
DEK 5/5

SAKG 40 II

95 mm²



40 x 90 x 53
232 / 95
10...95



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	230	250
95	AWG 1...4/0	AWG 2/0...4/0
8 / 3		
/ 5VA		



Rated connection

...16

10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 ... 95 mm²

Type	Qty.	Order No.
SAKG 40 II	10	0170520000

Type	current	Qty.	Order No.
QL 2 SAKG40	232 A	5	0194100000
QL 3 SAKG40	232 A	5	0263500000
QL 4 SAKG40	232 A	5	0409800000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2			
TW SAKG46 HP/TF/GE/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40			
	38 mm	5	0326860000

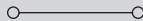
DEK 5/5

SAKG 40 II GW

95 mm²



40 x 90 x 53
232 / 95
10...95



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	230	250
95	AWG 1...4/0	AWG 2/0...4/0
8 / 3		
/ 5VA		



Rated connection

...16

10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 ... 95 mm²

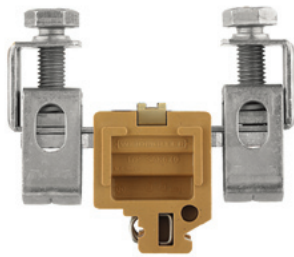
Type	Qty.	Order No.
SAKG 40 II/GW	10	0185220000

Type	current	Qty.	Order No.
QL 2 SAKG40	232 A	5	0194100000
QL 3 SAKG40	232 A	5	0263500000
QL 4 SAKG40	232 A	5	0409800000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2			
TW SAKG46 HP/TF/GE/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40			
	38 mm	5	0326860000

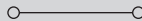
DEK 5/5

SAKG 40 III

95 mm²



40 x 98 x 84.5
232 / 95
10...95



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	195	230
95	AWG 1...4/0	AWG 2/0...4/0
8 / 3		
B12 / 5VA		



Rated connection

10...16 / 10...95

10...95 / 10...95

16...20 Nm (M 10)

25 /

Type	Qty.	Order No.
SAKG 40 III	10	0286920000

Type		Qty.	Order No.
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40	38 mm	5	0326860000

DEK 5/5

Special terminals - SAKG

TS 32 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version
Medium yellow
Note

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark brown
	Tropical applications
End plate / Partition plate	
	dark brown
	Tropical applications
	dark brown
	Tropical applications
Cover / warning label	
	Cover / warning label

Marking systems (see assortment in catalogue 7)

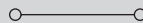
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

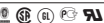
SAKG 46 II

150 mm²

46 x 106 x 57
353 / 185
10...185



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
309	285	365
150	AWG 4/0...300	AWG 4...300
	8 / 3	
	/ 5VA	
		
Rated connection		
10...16		
14...31 Nm M 12		

Conductor connection with cable lugs according to DIN 46234, from 10 ... 185 mm² and DIN 46235, from 25 ... 150 mm²

Type	Qty.	Order No.
SAKG 46 II	5	0170620000

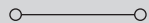
Type	current	Qty.	Order No.
QL 2 SAKG46	309 A	5	0247000000
QL 3 SAKG46	309 A	5	0444400000
QL 4 SAKG46	309 A	5	0444500000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 46 SAKG46	46 mm	5	0326960000

DEK 5/5

SAKG 46 II GW

150 mm²

46 x 106 x 57
353 / 185
10...185



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
309	285	365
150	AWG 4/0...kcmil 300	AWG 1...300
	8 / 3	
	/ 5VA	
		
Rated connection		
10...16		
14...31 Nm M 12		

Conductor connection with cable lugs according to DIN 46234, from 10 ... 185 mm² and DIN 46235, from 25 ... 150 mm²

Type	Qty.	Order No.
SAKG 46 II/GW	5	0185320000

Type	current	Qty.	Order No.
QL 2 SAKG46	309 A	5	0247000000
QL 3 SAKG46	309 A	5	0444400000
QL 4 SAKG46	309 A	5	0444500000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 46 SAKG46	46 mm	5	0326960000

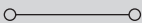
DEK 5/5

SAKG 54 II

240 mm²



54 x 122 x 60.5
415 / 240
10...240



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
415	380	600
240	kcmil 300...kcmil 500 kcmil 300...kcmil 500	
8 / 3		
/ 5VA		



Rated connection

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm²

Type	Qty.	Order No.
SAKG 54 II	5	0170720000

Type	current	Qty.	Order No.
QL 2 SAKG54	415 A	5	0264400000
QL 3 SAKG54	415 A	5	0408000000
QL 4 SAKG54	415 A	5	0247400000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000

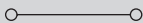
DEK 5/5

SAKG 54 II GW

240 mm²



54 x 122 x 60.5
415 / 240
10...240



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
415	380	600
240	kcmil 300...kcmil 500 kcmil 300...kcmil 500	
8 / 3		
/ 5VA		



Rated connection

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm²

Type	Qty.	Order No.
SAKG 54 II/GW	5	0185420000

Type	current	Qty.	Order No.
QL 2 SAKG54	415 A	5	0264400000
QL 3 SAKG54	415 A	5	0408000000
QL 4 SAKG54	415 A	5	0247400000
Width			
EP 2 SAKG46/32 HP/DBR	2 mm	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2 mm	10	0205400000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000

DEK 5/5

Stud terminal - KST

TS 32 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Tightening torque range (clamping screw)	
Note	

Ordering data

Version	TS 35 x 7,5
Note	

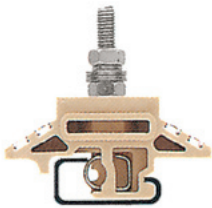
Accessories

Screwable cross-connection	
	2-pole
Partition plate	
	left
	right

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

KST 5

10 mm²



24 x 60 x 55	
57 /	

IEC	UL	CSA
1000	600	600
57	50	65
10	AWG 12...6	AWG 8...2
8 / 3		
/ V2		
CE ENEC UL		
Rated connection		
2.0...4.0 Nm		

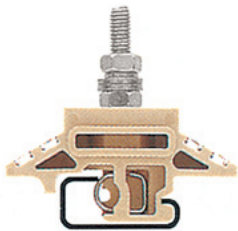
Type	Qty.	Order No.
KST 5	25	9503370000

Type	Qty.	Order No.
Width		
TW KST5-12 LI/NO 160/HM	10	1752800000
TW KST5-12 RE/NO 160/HM	10	1718530000

DEK 5/5

KST 6

16 mm²



22 x 60 x 60	
76 /	
...	

IEC	UL	CSA
1000	600	600
76	65	80
16	AWG 12...6	AWG 12...6
8 / 3		
/ V2		
CE ENEC UL		
Rated connection		
3.0...6.0 Nm		

Type	Qty.	Order No.
KST 6	25	9501310000

Type	current	Qty.	Order No.
QL 2 KST6		5	9501350000
Width			
TW KST5-12 LI/NO 160/HM		10	1752800000
TW KST5-12 RE/NO 160/HM		10	1718530000

DEK 5/5

KST 8

35 mm²



24 x 60 x 72

125 /

...



IEC	UL	CSA
1000	600	600
125	115	130
35	AWG 12...2	AWG 12...2
8 / 3		
/ V2		



Rated connection

6.0...12 Nm

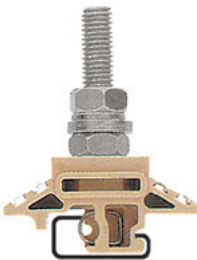
Type	Qty.	Order No.
KST 8	25	9501320000

Type	current	Qty.	Order No.
QL 2 KST8		5	9501360000
Width			
TW KST5-12 LI/NO 160/HM		10	1752800000
TW KST5-12 RE/NO 160/HM		10	1718530000

DEK 5/5

KST 10

70 mm²



34 x 60 x 82

192 /

...



IEC	UL	CSA
1000	600	600
192	175	200
70	AWG 12...2/0	AWG 12...2/0
8 / 3		
/ V2		



Rated connection

10...20 Nm

Type	Qty.	Order No.
KST 10	20	9501330000

Type	current	Qty.	Order No.
QL 2 KST10		5	9501370000
Width			
TW KST5-12 LI/NO 160/HM		10	1752800000
TW KST5-12 RE/NO 160/HM		10	1718530000

DEK 5/5

KST 12

95 mm²



34 x 60 x 82

232 /

...



IEC	UL	CSA
1000	600	600
232	200	250
95	AWG 12...3	AWG 12...3/0
8 / 3		
/ V2		



Rated connection

14...31 Nm

Type	Qty.	Order No.
KST 12	20	9501340000

Type	current	Qty.	Order No.
QL 2 KST12	232 A	5	9501380000
Width			
TW KST5-12 LI/NO 160/HM		10	1752800000
TW KST5-12 RE/NO 160/HM		10	1718530000

DEK 5/5

Terminals with electronic components

with indication

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	-
Operating voltage for display, min. / Current	V/mA
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Red LED
	Green LED
	Neon lamp
Note	

Accessories

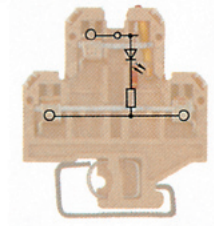
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
Mounting screw	
Switchable link	
Connecting sleeve	
Testing / Checking	
Test plug	
Socket	
End plate / Partition plate	
	beige
Small partition	
	Small partition

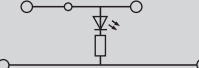
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4 LD/1

4 mm²

DC voltage indicator



6 x 50 x 56.5	
10 / 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	
		
24 / 5		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
DK 4/32 LD ROT 24VDC A1	25	0495360000
Note		

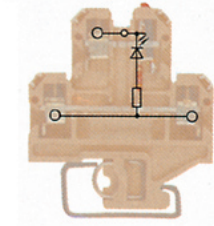
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
	Width		
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

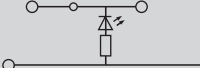
Marking systems	
	DEK 5/6
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4 LD/2

4 mm²

DC voltage indicator



6 x 50 x 56.5	
10 / 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	
		
24 / 5		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
DK 4/32 LD ROT 24VDC A2	25	0474460000
DK 4/32 LD GR 24VDC A2	25	0646560000
Note		

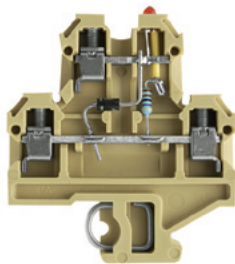
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
	Width		
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems	
	DEK 5/6
For detailed information on other accessories and applications, refer to the „Accessories“ section	

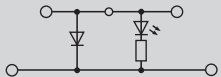
DK 4 LD/3

4 mm²

DC voltage indicator



6 x 50 x 56.5
10 / 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	



24 / 5

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DK 4/32 LD ROT 24VDC	25	0210160000

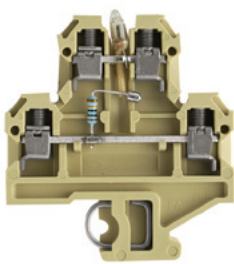
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

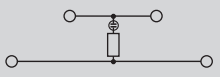
DK 4 GL

4 mm²

AC voltage indicator



6 x 50 x 56.5
10 / 4
0.33...4



IEC 60947-7-1

IEC	UL	CSA
115		
10		
4		
	1 / 3	
	A3 / V2	



24 / 5

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DK 4/32 GL 100K 115VAC	25	0569560000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

Terminals with electronic components

with diodes

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	A
Operating voltage for display, min. / Current	-/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	Red LED
Note	

Accessories

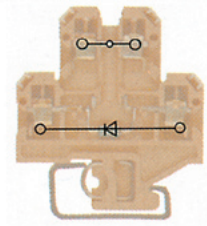
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
Mounting screw	
Switchable link	
Connecting sleeve	
Testing / Checking	
Test plug	
Socket	
End plate / Partition plate	
beige	
Small partition	
Small partition	

Marking systems	(see assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4 D/1

4 mm²

Diode terminal, e.g. as reverse polarity protection



6 x 50 x 56.5	
10 / 4	
0.33...4	

IEC	UL	CSA
380		300
10		10
4		AWG 22...12
		/ 3
		A3 / V2
		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/32 1D CSA GET.SCH.	25	0544660000

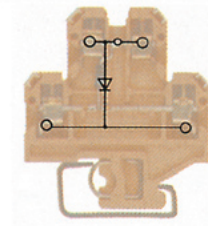
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
		Width	
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems	(see assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4 D/2

4 mm²

Suppressor circuit for contactor and solenoid valve (DC voltage)



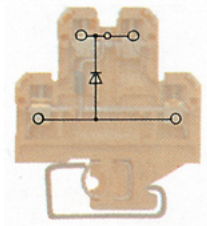
6 x 50 x 56.5	
10 / 4	
0.33...4	

IEC	UL	CSA
380		300
10		10
4		AWG 22...12
		/ 3
		A3 / V2
		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

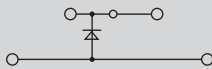
Type	Qty.	Order No.
DK 4/32 1D CSA A1	25	0484060000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
		Width	
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems	(see assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4 D/3**4 mm²****Suppressor circuit for contactor and solenoid valve (DC voltage)**

6 x 50 x 56.5

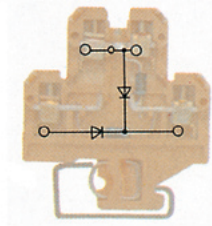
10 / 4**0.33...4**

IEC	UL	CSA
380		300
10		10
4		
/ 3		
A3 / V2		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

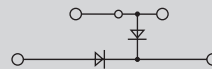
Type	Qty.	Order No.
DK 4/32 1D CSA A2	25	0467960000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

DK 4 D/4**4 mm²****Diode terminal for lamp test circuits**

6 x 50 x 56.5

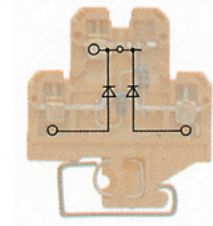
10 / 4**0.33...4**

IEC	UL	CSA
380		300
10		10
4		
/ 3		
A3 / V2		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

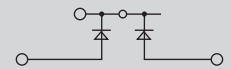
Type	Qty.	Order No.
DK 4/32 2D CSA GET.SCH.	25	0642760000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

DK 4 D/5**4 mm²****Diode terminal for lamp test circuits**

6 x 50 x 56.5

10 / 4**0.33...4**

IEC	UL	CSA
380		300
10		10
4		
/ 3		
A3 / V2		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/32 2D CSA A2	25	0523760000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

Terminals with electronic components

with diodes

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	A
Operating voltage for display, min. / Current	-/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	Red LED
Note	

Accessories

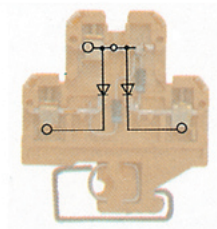
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
Mounting screw	
Switchable link	
Connecting sleeve	
Testing / Checking	
Test plug	
Socket	
End plate / Partition plate	
beige	
Small partition	
Small partition	

Marking systems	(see assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4 D/6

4 mm²

Diode terminal for lamp test circuits



6 x 50 x 56.5	
10 / 4	
0.33...4	

IEC	UL	CSA
380		300
10		10
4		
	/ 3	
	A3 / V2	
		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/32 2D A1	25	0663960000

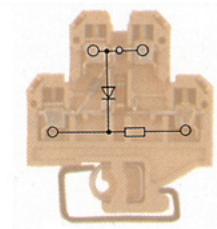
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems	(see assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DK 4 D/7

4 mm²

Diode terminal for lamp test circuits, with protective resistor



6 x 50 x 56.5	
10 / 4	
0.33...4	

IEC	UL	CSA
24		300
10		10
4		
	/ 3	
	A3 / V2	
		
/ 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

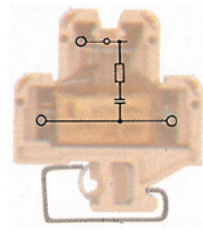
Type	Qty.	Order No.
DK 4/32 1D 1K5	25	0685260000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
BFSC M2.5X14 SAKD2.5N		100	0266800000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems	(see assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

with electronic components

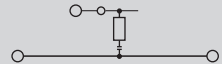
DK 4 RC

4 mm²

18 x 50 x 56.5

10 / 4

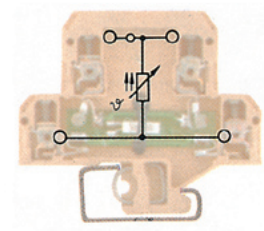
0.33...4



DKT 4 PT 100

4 mm²

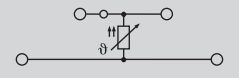
Diode terminal for central control and communication system



6 x 65 x 56.5

10 / 4

0.33...4



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS32x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA
230		
10		
4		
	/ 3	
	A3 / V2	
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		

IEC	UL	CSA
250		
10		
4		
	/ 3	
	A3 / V2	
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...2.5		
0.4...0.7 Nm (M 2.5)		
6 / 0.6 x 3.5 mm		

Ordering data

Version	Red LED
Note	

Type	Qty.	Order No.
DK 4/32 RC 220R/220NF	5	0692160000

Type	Qty.	Order No.
DKT 4/32 PT100	10	8014730000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	beige
Testing / Checking	
	Test plug
	Socket
Small partition	
	Small partition

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Width			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
AP DK4	1.5 mm	20	0359260000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
Width			
TSCH 4 AKZ4	6 mm	100	0363360000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Width			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
AP DKT4 PA	1.5 mm	20	0687560000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
Width			
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6

DEK 5/6

Earth conductor isolating terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	40...60V~
Note	

Accessories

End bracket	
	Dark beige Wemid

SAKT E

6 mm²

green LED



19 x 65 x 53.5

27 / 10

0.5...10

IEC	UL	CSA
60		
27		
6		
	/ 3	
	A5 / 5VA	

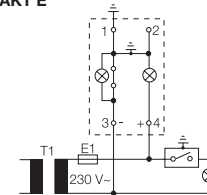
Rated connection	
0.5...10	
0.5...6 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
/ 4.0 x 0.8 mm	

Type	Qty.	Order No.
SAKT E/32 2LD 60VAC	5	0699020000

Type	Width	Qty.	Order No.
EWK 1	9 mm	50	0206160000

Operating mode

SAKT E

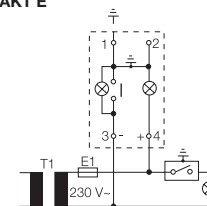


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

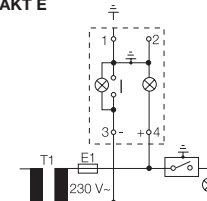
SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

Operational malfunction

SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

To safe the test sockets use the SD-blade or bits with pilots!