

MixMate series – the high-capacity connectors

MixMate integrates axial screw contacts and TOP connection technology in one plug-in connector. The compact design allows simultaneous transmission of high currents, high voltages and signals.



Technical data

	S 4	S 4/0	S 6/12	S 6/6
Standards / approvals				
Standards	DIN EN 61984 DIN EN 60664-1	DIN EN 61984 DIN EN 60664-1	DIN EN 61984 DIN EN 60664-1	DIN EN 61984 DIN EN 60664-1
Approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA
Inserts				
No. of poles				
– Power contact	4 (+PE)	4 (+PE)	6 (+PE)	6 (+PE)
– Signal contact			12	6
Rated voltage				
– Power contact	1000 V	830 V	690 V	690 V
– Signal contact			400 V	400 V
Rated voltage to UL/CSA	600 V	600 V	600 V	600 V
Rated current				
– Power contact	65 A	80 A	48 A	100 A
– Signal contact			16 A	16 A
Rated impulse withstand voltage				
– Power contact	8 kV	8 kV	8 kV	8 kV
– Signal contact			6 kV	6 kV
Pollution severity	3	3	3	3
Insulation resistance	$\geq 10^{10} \Omega$	$\geq 10^{10} \Omega$	$\geq 10^{10} \Omega$	$\geq 10^{10} \Omega$
Material	Glass-fibre reinforced PC (in UL list and approved for railway applications)	Glass-fibre reinforced PC (in UL list and approved for railway applications)	Glass-fibre reinforced PC (in UL list and approved for railway applications)	Glass-fibre reinforced PC (in UL list and approved for railway applications)
Temperature range	–40 °C ... +120 °C	–40 °C ... +120 °C	–40 °C ... +120 °C	–40 °C ... +120 °C
Flammability to UL 94	V – 0	V – 0	V – 0	V – 0
Mechanical service life				
– Plugging cycles Ag - Surface	≥ 500	≥ 500	≥ 500	≥ 500
– Plugging cycles Au - Surface	≥ 500	≥ 500	≥ 500	≥ 500
Contact resistance with min. and max. conductors	$\leq 4 \text{ m}\Omega$	$\leq 4 \text{ m}\Omega$	$\leq 4 \text{ m}\Omega$	$\leq 4 \text{ m}\Omega$
Contacts / Material				
Sockets and plug-in contact	Copper alloy	Copper alloy	Copper alloy	Copper alloy
Surface	Passivated silver or gold-plated	Passivated silver or gold-plated	Passivated silver or gold-plated	Passivated silver or gold-plated
Flexible conductor connection				
– Power contact	2.5 - 10 mm ² (AWG 10 ... 8)	1.5 - 16 mm ² (AWG 16 ... 4)	2.5 - 10 mm ² (AWG 14 ... 8)	16 - 35 mm ² (AWG 8 ... 2)
– Signal contact			0.5 - 2.5 mm ² (AWG 24 ... 14)	0.5 - 2.5 mm ² (AWG 24 ... 14)
Stripping length				
– Power contact	8 mm	13 mm	8 mm	13 mm
– Signal contact			12 mm	12 mm
Clamping torque/Axial connection				
– Screw connection		2 ... 3 Nm		
– Power contact	1.1 - 1.7 Nm		1.1 - 1.7 Nm	6 ... 8 Nm
– Signal contact			0.45 ... 0.9 Nm	0.45 ... 0.9 Nm
Tools				
Hexagon socket, 2 mm	SW 2	SW 3	SW 2	SW 4
Screwdriver	0.6 x 3.5		0.6 x 3.5 mm	SD 0.6 x 3.5 or PZ 0
PE connection via plug/socket				
– Clamping range	1.5/2.5 ... 4/10 mm ²	1.5 ... 16 mm ² with cable lug	2.5 ... 8 mm ²	16 ... 35 mm ²
– AWG conductor	AWG 16/14 ... 12/8	AWG 16 ... 4	AWG 14 ... 8	AWG 6 ... 2
– Stripping length	8 mm	8 mm (for wire up to 6 mm ² only)	8 mm	8 mm
– Clamping torque	0.5 – 0.8 Nm	2 ... 2.5 Nm	2 ... 2.5 Nm	1.2 – 1.5 mm
– Blade dimensions	SD 0.8 x 4 mm	SD 0.8 x 4 mm or PZ 2	SD 0.8 x 4 mm or PZ 2	SD 0.8 x 4 mm or PZ 1

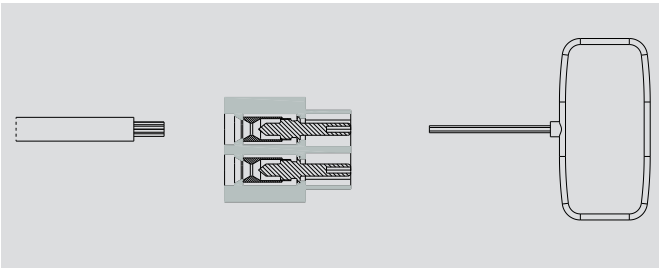
Note: Power contact = axial connection, Signal contact = screw connection. When used properly and as designated, the listed connectors may not be connected or disconnected if there is a live voltage or load! MixMate S6/6 with PE via axial connection with data identical to the power contact.

Overview

		Size	Rated voltage	Rated current	No. of poles	Tension clamp connection	Screw conn. with wire guard spring	Crimp connection	Push In	Axial screw connection	Page
		3	1000 V	65 A	4 + 					•	B.98
		6	830 V	80 A	4 + 0 + 					•	B.100
		6	690 V	48 A	6 + 12 + 		•			•	B.102
		8	690 V	100 A	6 + 6 + 		•			•	B.104

MixMate series – the high-capacity connectors

Hex-socket wrench



B

Ordering data

Type	Qty	Order No.
IS 2 KG	2	1806630000
IS 3 KG	2	1806650000
IS 4 KG	2	1806660000

Assembly instructions:

1. Strip wire, refer to the technical data for stripping length. Be careful not to twist the litz conductor!
2. Insert the litz conductor into the contact cavity until the insulation lies flush against the contact.
3. Insert the hex wrench into the corresponding contact on the mating face side. Hold the litz conductor in position when tightening the clamping nut.

Technical data

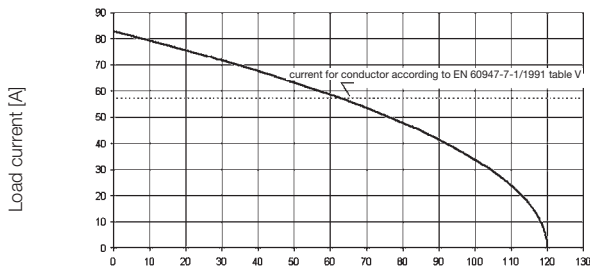
Power contacts	S 4	S 4/0	S 6/12	S 6/6
Stripping length	8 mm	13 mm	8 mm	13 mm
Tightening torque	1.1 – 1.7 Nm		1.1 – 1.7 Nm	6 ... 8 Nm
Hex-socket wrench	IS 2 KG	IS 3 KG	IS 2 KG	IS 4 KG

Technical data

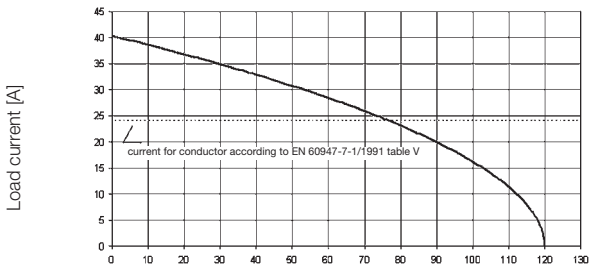
Derating curves

Size 3

MixMate – 4 power contacts



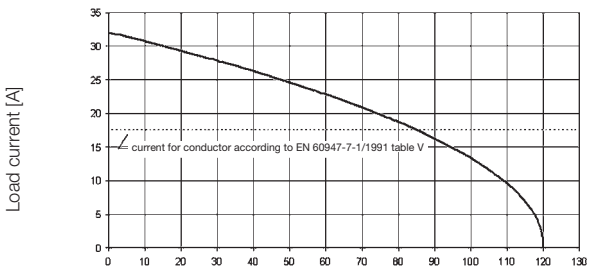
HDC-S4-SAS/BAS H07V-K10 Ambient temperature [°C]



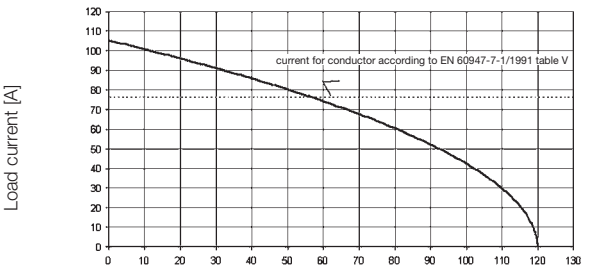
HDC-S4-SAS/BAS H07V-K2,5 Ambient temperature [°C]

Size 6

MixMate – 4 power contacts



HDC-S4/0-SAS/BAS H07V-K1,5 Ambient temperature [°C]



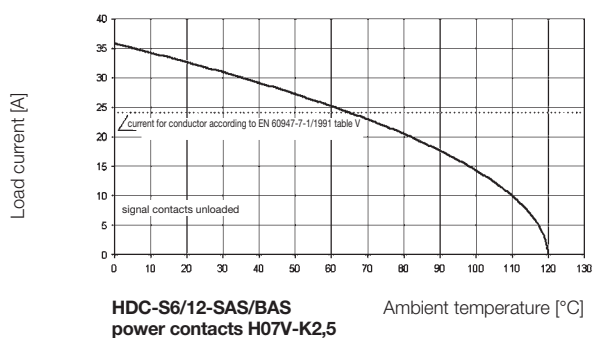
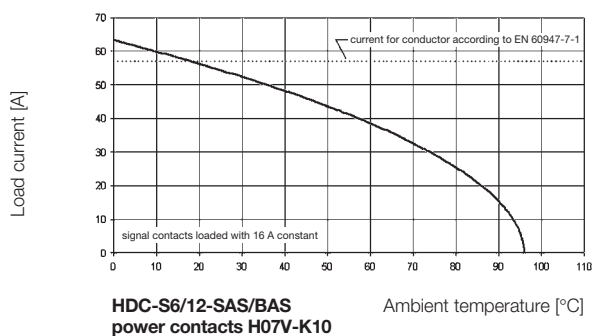
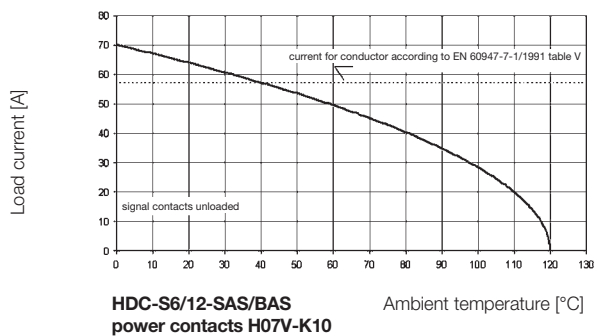
HDC-S4/0-SAS/BAS H07V-K16 Ambient temperature [°C]

Technical data

Derating curves

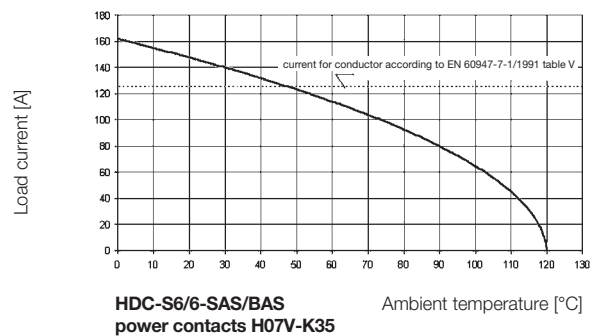
Size 6

MixMate – 6 power contacts/12 signal contacts



Size 8

MixMate – 6 power contacts/6 signal contacts



MixMate series - the high-capacity connectors

1000 V, 65 A, Size 3

4 + ⊕

Inserts

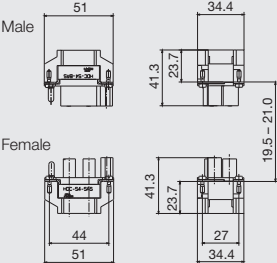
Axial screw connection



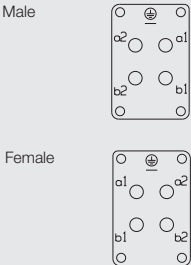
Insert	Designation	Order No.
Male	HDC S4 SAS	1789990000
Female	HDC S4 BAS	1789980000
Note Please note: only use for housings of size 16D		



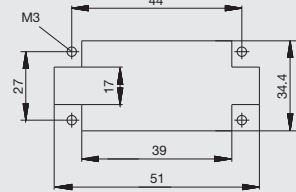
Dimensions



Arrangement of contacts



Mounting cut-out



Selection of Housings RockStar® IP65 / IP66 Size 3

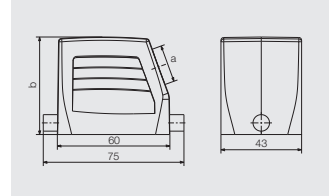
For additional housings, refer to Chapter D.

Hood

Plug housing, cable entry sideways



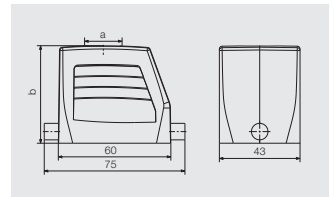
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 72		HDC 16D TSLU 1M25G	1787480000
M32	w. threading	without cover 72		HDC 16D TSLU 1M32G	1787470000
PG 21	w. threading	without cover 72		HDC 16D TSLU 1PG21G	1652560000
PG 29	w. threading	without cover 72		HDC 16D TSLU 1PG29G	1652580000



Plug housing, cable entry at top



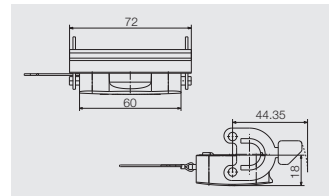
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 72		HDC 16D TOLU 1M25G	1787500000
M32	w. threading	without cover 72		HDC 16D TOLU 1M32G	1787490000
PG 21	w. threading	without cover 72		HDC 16D TOLU 1PG21G	1652680000
PG 29	w. threading	without cover 72		HDC 16D TOLU 1PG29G	1652700000



Cover



Version	Designation	Order No.
For hoods	HDC 06B DMDL 1LB	1665210000

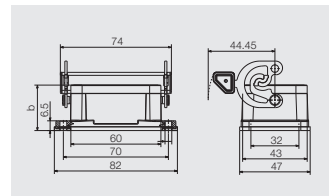


Base

Bulkhead housing



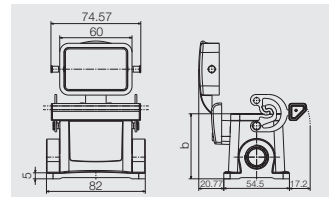
Version	Cover	b (mm)	Designation	Order No.
	without cover	29	HDC 06B ALU	1202100000
	with cover	47	HDC 06B ADLU	1202500000



Base housing



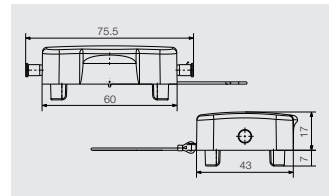
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 74		HDC 16D SLU 2M25G	1787520000
M25	w. threading	with cover 92		HDC 16D SDLU 2M25G	1787540000
M32	w. threading	without cover 74		HDC 16D SLU 1M32G	1900900000
M32	w. threading	without cover 74		HDC 16D SLU 2M32G	1787510000
PG21	w. threading	without cover 74		HDC 16D SLU 2PG21G	1652840000



Cover



Version	Designation	Order No.
For bases	HDC 06B DODL 2BO	1665200000



MixMate series - the high-capacity connectors

830 V, 80 A, Size 6

4+0 + ⊕

Inserts

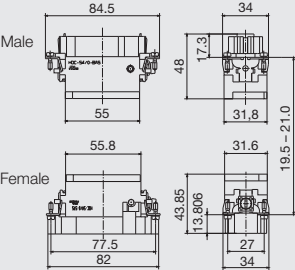
Axial screw connection



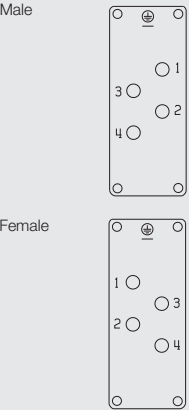
Insert	Designation	Order No.
Male	HDC S4 0 SAS	1789960000
Female	HDC S4 0 BAS	1789970000



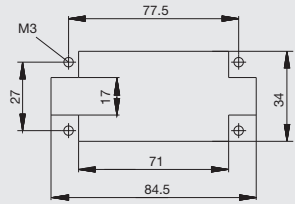
Dimensions



Arrangement of contacts



Mounting cut-out



Selection of Housings RockStar® IP65 / IP66 Size 6

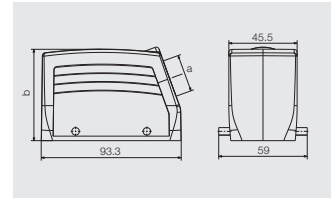
For additional housings, refer to Chapter D.

Hood

Plug housing, cable entry sideways



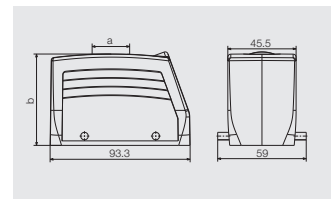
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 61	HDC 16B TSB 1M25G	1788180000	
M25	w. threading	without cover 76	HDC 40D TSB 1M25G	1787010000	
M32	w. threading	without cover 76	HDC 40D TSB 1M32G	1787000000	



Plug housing, cable entry at top



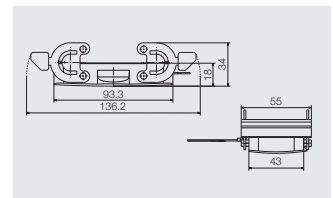
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 61	HDC 16B TOB 1M25G	1788210000	
M25	w. threading	without cover 76	HDC 40D TOB 1M25G	1787070000	
M32	w. threading	without cover 76	HDC 40D TOB 1M32G	1787060000	



Cover



Version	Designation	Order No.
For hoods	HDC 16B DMDQ 2QB	1665270000

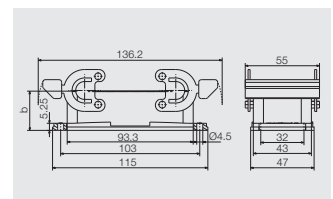


Base

Bulkhead housing



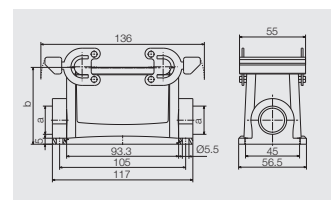
Version	Cover	b (mm)	Designation	Order No.
	without cover 29	HDC 16B ABU	1208600000	



Base housing



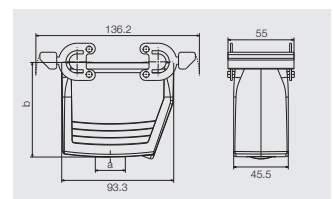
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 64	HDC 16B SBU 2M25G	1788240000	
M25	w. threading	without cover 84	HDC 40D SBU 2M25G	1787120000	
M32	w. threading	without cover 84	HDC 40D SBU 2M32G	1787110000	



Coupling housing



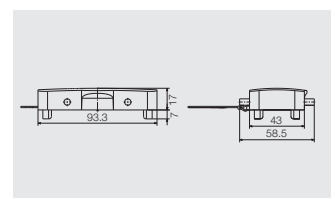
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 79	HDC 40D KBU 1M25G	1787200000	
M32	w. threading	without cover 79	HDC 40D KBU 1M32G	1787190000	



Cover



Version	Designation	Order No.
For bases	HDC 16B DODQ 4BO	1665260000



MixMate series - the high-capacity connectors

690 V, 48 A, Size 6

6+12 + 

Inserts

Axial screw connection

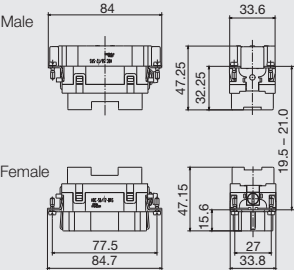


Insert	Designation	Order No.
Male	HDC S6 12 SAS	1790000000
Female	HDC S6 12 BAS	1790010000

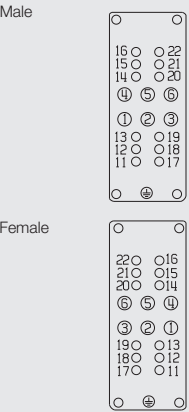
Note Please note: the signal contacts are designed for a rated voltage of 400V and a rated current of 16A.



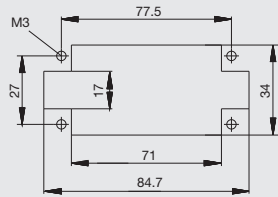
Dimensions



Arrangement of contacts



Mounting cut-out



Selection of Housings RockStar® IP65 / IP66 Size 6

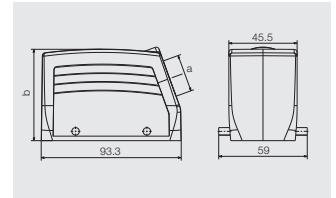
For additional housings, refer to Chapter D.

Hood

Plug housing, cable entry sideways



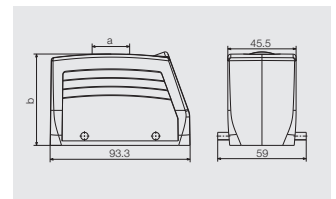
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 61	HDC 16B TSB 1M25G	1788180000	
M25	w. threading	without cover 76	HDC 40D TSB 1M25G	1787010000	
M32	w. threading	without cover 76	HDC 40D TSB 1M32G	1787000000	



Plug housing, cable entry at top



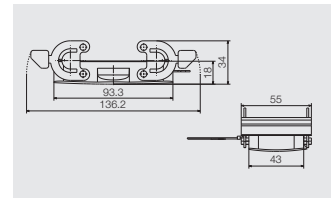
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 61	HDC 16B TOB 1M25G	1788210000	
M25	w. threading	without cover 76	HDC 40D TOB 1M25G	1787070000	
M32	w. threading	without cover 76	HDC 40D TOB 1M32G	1787060000	



Cover



Version	Designation	Order No.
For hoods	HDC 16B DMDQ 2QB	1665270000

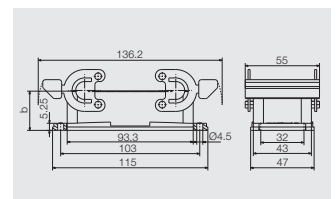


Base

Bulkhead housing



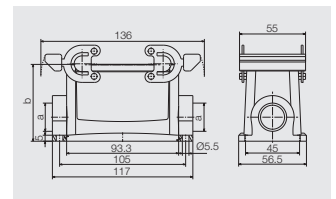
Version	Cover	b (mm)	Designation	Order No.
	without cover 29	HDC 16B ABU	1208600000	



Base housing



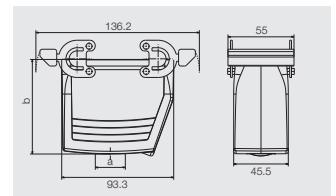
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 64	HDC 16B SBU 2M25G	1788240000	
M25	w. threading	without cover 84	HDC 40D SBU 2M25G	1787120000	
M32	w. threading	without cover 84	HDC 40D SBU 2M32G	1787110000	



Coupling housing



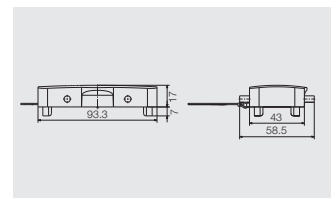
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 79	HDC 40D KBU 1M25G	1787200000	
M32	w. threading	without cover 79	HDC 40D KBU 1M32G	1787190000	



Cover



Version	Designation	Order No.
For bases	HDC 16B DODQ 4BO	1665260000



MixMate series - the high-capacity connectors

690 V, 100 A, Size 8

6+6 + 

Inserts

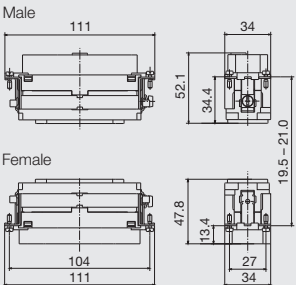
Axial screw connection



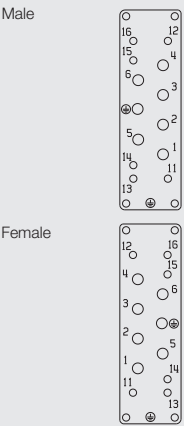
Insert	Designation	Order No.
Male	HDC S6 6 SAS	1790030000
Female	HDC S6 6 BAS	1790020000

Note Please note: the signal contacts are designed for a rated voltage of 400V and a rated current of 16A.

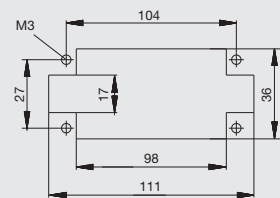
Dimensions



Arrangement of contacts



Mounting cut-out



Selection of Housings RockStar® IP65 / IP66 Size 8

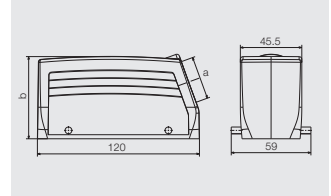
For additional housings, refer to Chapter D.

Hood

Plug housing, cable entry sideways



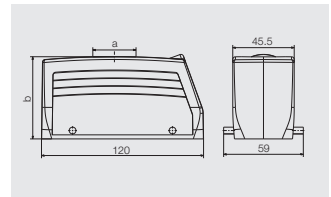
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 61	HDC 24B TSB 1M25G		1787760000
M32	w. threading	without cover 61	HDC 24B TSB 1M32G		1787750000
M25	w. threading	without cover 76	HDC 64D TSB 1M25G		1786780000
M32	w. threading	without cover 76	HDC 64D TSB 1M32G		1786770000



Plug housing, cable entry at top



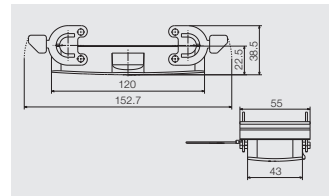
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 61	HDC 24B TOBU 1M25G		1787820000
M32	w. threading	without cover 61	HDC 24B TOBU 1M32G		1787810000
M32	w. threading	without cover 76	HDC 64D TOBU 1M32G		1786830000



Cover



Version	Designation	Order No.
For hoods	HDC 24B DMDQ 2QB	1665640000

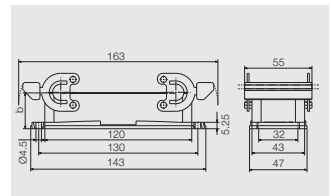


Base

Bulkhead housing



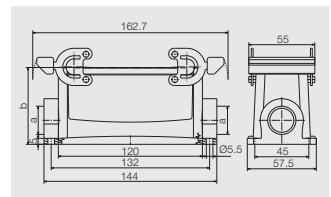
Version	Cover	b (mm)	Designation	Order No.
	without cover 29.3	HDC 24B ABU		1212400000



Base housing



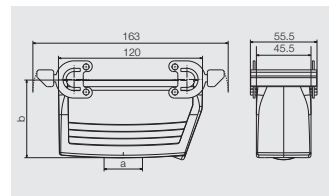
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 64	HDC 24B SBU 2M25G		1787870000
M25	w. threading	without cover 84	HDC 64D SBU 2M25G		1786890000
M32	w. threading	without cover 84	HDC 64D SBU 2M32G		1786880000



Coupling housing



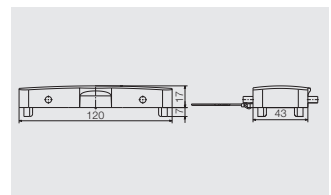
a	Version	Cover	b (mm)	Designation	Order No.
M25	w. threading	without cover 65	HDC 24B KBU 1M25G		1787920000
M32	w. threading	without cover 79	HDC 64D KBU 1M32G		1786960000



Cover



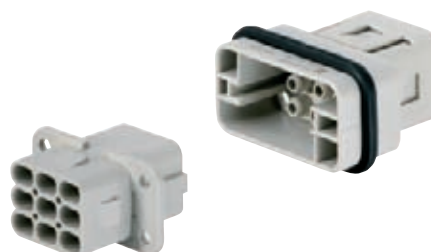
Version	Designation	Order No.
For bases	HDC 24B DODQ 4BO	1665630000



HQ series – the powerful little connectors

Small dimensions, but nevertheless capable. The electrical ratings speak for themselves and they are also suitable for the proven HE crimp contacts.

That makes for manageability and clarity.



Technical data

	HQ 5	HQ 7	HQ 8	HQ 4 2	HQ 17
Standards / approvals					
Standards	DIN EN 61984 DIN EN 60664-1	DIN EN 61984 DIN EN 60664-1	DIN EN 61984 DIN EN 60664-1	DIN EN 61984 DIN EN 60664-1	DIN EN 61984 DIN EN 60664-1
Approvals	UL/CSA/DESINA 23570	UL/CSA/DESINA 23570	UL/CSA/DESINA 23570	UL/CSA/DESINA 23570	UL/CSA/DESINA 23570
Inserts					
No. of poles	5 + PE	7 + PE	8 + PE	4 power, 2 signal + PE	17 + PE
Connection system	Crimp, HE contact	Crimp, HD contacts	Crimp, HE contact	Crimp, HX/HD contacts	Crimp, HD contacts
Rated voltage	400 V	400 V	500 V	690 V, 250 V	250 V
Rated voltage to UL/CSA	600 V	600 V	600 V	600 V	600 V
Rated current	16 A	10 A	16 A	40/10 A	10 A
Rated impulse withstand voltage	4 kV	6 kV	6 kV	6 kV/4 kV	4 kV
Pollution severity	3	3	3	3	2
Insulation resistance	≥ 10 ¹⁰ Ω	≥ 10 ¹⁰ Ω	≥ 10 ¹⁰ Ω	≥ 10 ¹⁰ Ω	≥ 10 ¹⁰ Ω
Material	PC glass-fibre reinforced	PC glass-fibre reinforced	PC glass-fibre reinforced	PC glass-fibre reinforced	PC glass-fibre reinforced
Temperature range	–40°...+125°	–40°...+125°	–40°...+125°	–40°...+125°	–40°...+125°
Flammability to UL 94	V - 0	V - 0	V - 0	V - 0	V - 0
Mechanical service life					
– Plugging cycles Ag - Surface	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500
– Plugging cycles Au - Surface	≥ 500	≥ 500	≥ 500	≥ 500	≥ 500
Volume (continuity) resistance of crimp connection	≤ 1.5 mΩ	≤ 5 mΩ	≤ 1.5 mΩ	≤ 5 mΩ	≤ 5 mΩ
Contacts / Material					
Sockets and plug-in contact	Copper alloy	Copper alloy	Copper alloy	Copper alloy	Copper alloy
Surface	Passivated silver	Passivated silver/Gold	Passivated silver	Passivated silver/Gold	Passivated silver/Gold
Crimp connection					
– Performance power range	0.5...4 mm ² (AWG 20...12)		0.5...4 mm ² (AWG 20...12)	1.5...6 mm ² (AWG 16...10)	
– Signal range		0.14...2.5 mm ² (AWG 26...14)		0.14...2.5 mm ² (AWG 26...14)	0.14...2.5 mm ² (AWG 26...14)
– Stripping length	7.5 mm	8.0 mm	7.5 mm	10 mm/8 mm	8.0 mm
PE connection					
– Clamping range	0.5...2.5 mm ²	0.14...2.5 mm ²	0.5...2.5 mm ²	1.5...6 mm ²	0.14...2.5 mm ²
– solid core/stranded	0.5...2.5 mm ² /0.5...2.5 mm ²	0.14...2.5 mm ²	0.5...2.5 mm ² /0.5...2.5 mm ²		
– flexible/flexible with ferrule	0.5...2.5 mm ² /0.5...2.5 mm ²	0.14...2.5 mm ²	0.5...2.5 mm ² /0.5...2.5 mm ²		
– AWG conductor	AWG 20...14	AWG 26...14	AWG 20...14	AWG 16...10	AWG 26...14
– Stripping length	10 mm	5 mm	10 mm	8 mm	8 mm
– Clamping torque	0.5...0.55 Nm	0.5...0.55 Nm	0.5...0.55 Nm		
– Blade dimensions	SD 0.8 x 4 mm or PH1	SD 0.8 x 4 mm or PH1	SD 0.8 x 4 mm or PH1		
Accessories and tools					
Crimping tools used	9205430000 CTIN CM 1.6/2.5	9205430000 CTIN CM 1.6/2.5	9205430000 CTIN CM 1.6/2.5	9205430000 CTIN CM 1.6/2.5	9205430000 CTIN CM 1.6/2.5
	9018490000 CTX CM 1.6/2.5	9018490000 CTX CM 1.6/2.5	9018490000 CTX CM 1.6/2.5	9205440000 CTIN CM 3.6	9018490000 CTX CM 1.6/2.5
		9010950000 HTX HDC/POF		9018490000 CTX CM 1.6/2.5	9010950000 HTX HDC/POF
				9010950000 HTX HDC/POF	
Screwdriver			Version Crosshead, shape H	Version Crosshead, shape H	Version Crosshead, shape H
			Sheet metal screw:	Sheet metal screw:	Sheet metal screw:
			ISO 7049-ST 2.9x9.5-F-H	ISO 7049-ST 2.9x9.5-F-H	ISO 7049-ST 2.9x9.5-F-H
Removal tool for crimps	1866750000 Removal Tool HE	1866730000 Removal Tool HD	1866750000 Removal Tool HE	1002990000 Removal Tool HX	1866730000 Removal Tool HD
		1688220000 HDC DW M 10		1866730000 Removal Tool HD	1688220000 HDC DW M 10
		for fibre-optic contacts			for fibre-optic contacts
				1688220000 HDC DW M 10	
				for fibre-optic contacts	

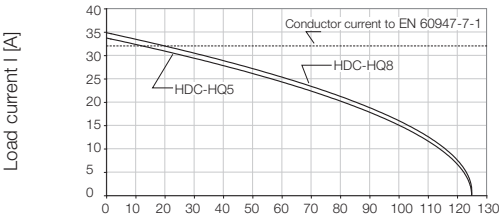
Note: When used properly and as designated, the listed connectors may not be connected or disconnected if there is a live voltage or load!

Overview

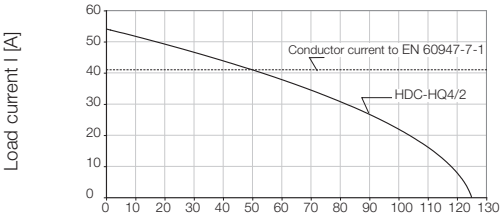
		Size voltage	Rated current	Rated poles	No. of connection	Tension clamp wire guard spring	Screw conn. with connection	Crimp	Push In connection	Axial screw	Page
		1	400 V	16 A	5 + ⊕			•			B.108
		1	400 V	10 A	7 + ⊕			•			B.110
		HQ	500 V	16 A	8 + ⊕			•			B.112
		HQ	250 V	10 A	17 + ⊕			•			B.114
		HQ	690/250 V	40/10 A	4/2 + ⊕			•			B.116

Technical data

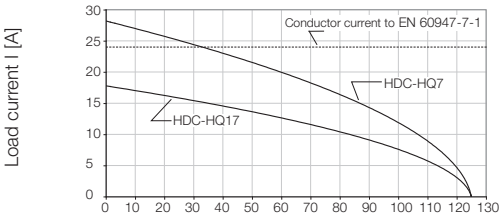
Derating curves



HDC-HQ5 and HDC-HQ8 / H07V-K4.0 Ambient temperature T [°C]



HDC-HQ4/2 / H07V-K6.0 Ambient temperature T [°C]
(control contacts with 10 A / H07V-K2.5)



HDC-HQ7 and HDC-HQ17 / H07V-K2.5 Ambient temperature T [°C]

HQ series - the powerful little connectors

400 V, 16 A, Size 1

5 + ⊕

Inserts

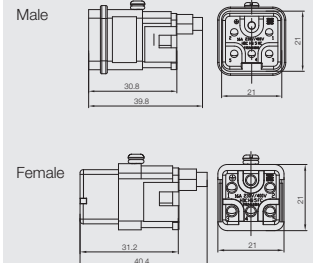


Crimp connection



Insert	Designation	Order No.
Male	HDC HQ 5 MC	1912440000
Female	HDC HQ 5 FC	1912460000

Dimensions



Accessories

Crimp contacts

Surface finish silver



Surface finish gold



Qty.	Male	Order No.	Female	Order No.
100	HDC-C-HE-SM0.5AG	1200500000	HDC-C-HE-BM0.5AG	1201100000
100	HDC-C-HE-SM0.75-1AG	1200600000	HDC-C-HE-BM0.75-1AG	1201200000
100	HDC-C-HE-SM1.5AG	1200700000	HDC-C-HE-BM1.5AG	1201300000
100	HDC-C-HE-SM2.5AG	1200800000	HDC-C-HE-BM2.5AG	1201400000
100	HDC-C-HE-SM4.0AG	1200900000	HDC-C-HE-BM4.0AG	1201500000
100	HDC-C-HE-SM0.5AU	1651420000	HDC-C-HE-BM0.5AU	1651470000
100	HDC-C-HE-SM0.75-1AU	1651430000	HDC-C-HE-BM0.75-1AU	1651480000
100	HDC-C-HE-SM1.5AU	1651440000	HDC-C-HE-BM1.5AU	1651490000
100	HDC-C-HE-SM2.5AU	1651450000	HDC-C-HE-BM2.5AU	1651500000
100	HDC-C-HE-SM4.0AU	1651460000	HDC-C-HE-BM4.0AU	1651510000

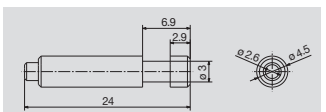


Conductor cross-section	Insulation stripping length
0.50 mm ²	AWG 20 7.5 mm
0.75 – 1.00 mm ²	AWG 18 7.5 mm
1.50 mm ²	AWG 16 7.5 mm
2.50 mm ²	AWG 14 7.5 mm
4.00 mm ²	AWG 12 7.5 mm

Coding pin



Qty.	Order No.
100 HDC HE CP	1003240000



Tools



Crimping tool	Order No.
CTX CM 1.6/2.5	9018490000
CTIN CM 1.6/2.5	9205430000
Contact removal tool	Order No.
Removal Tool HE	1866750000

Selection of Housings RockStar® IP65 Size 1

For additional housings, refer to Chapter D.

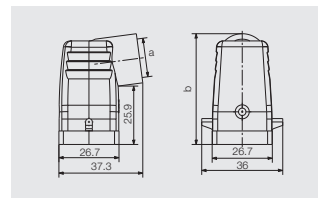
Hood

Material: diecast aluminium

Plug housing, cable entry sideways



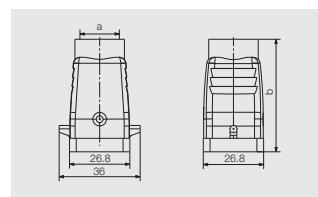
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	49.2	HDC 04A TWLU 1M20G	1788810000



Plug housing, cable entry at top



a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	50	HDC 04A TOLU 1M20G	1788820000

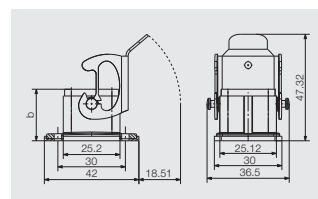


Base

Bulkhead housing



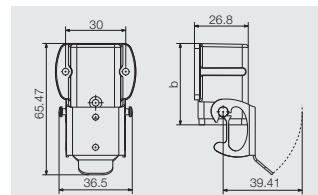
Version	Cover	b (mm)	Designation	Order No.
	without cover	23	HDC 04A ALU	1497600000



Base housing



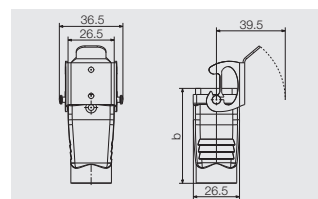
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	41.5	HDC 04A SLU 1M20G	1788830000



Coupling housing



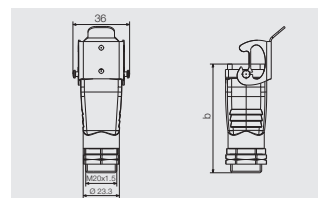
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	53.5	HDC 04A KOLU 1M20G	1788840000



Screw mounting housing



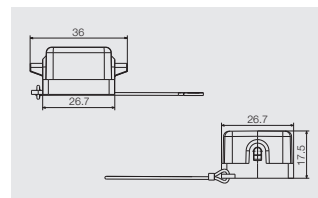
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	54	HDC 04A ELU 1M20G	1900320000
PG 13	w. threading	without cover	54	HDC 04A ELU 1PG13S	1900330000
PG 13	w. threading	without cover	54	HDC 04A ELU 1PG13S bl	1900350000



Cover



Version	Designation	Order No.
for female insert	HDC 04A DMDL 2BO	1665750000
for male insert	HDC 04A DODL 2BO	1665740000



Selection of Housings RockStar® IP65 Size 1

For additional housings, refer to Chapter D.

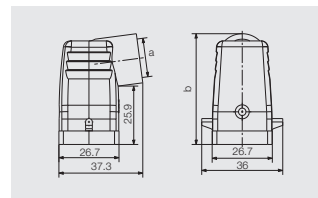
Hood

Material: diecast aluminium

Plug housing, cable entry sideways



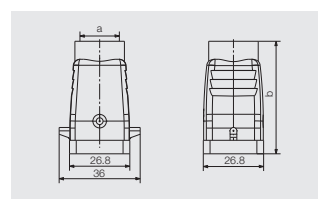
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	49.2	HDC 04A TWLU 1M20G	1788810000



Plug housing, cable entry at top



a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	50	HDC 04A TOLU 1M20G	1788820000

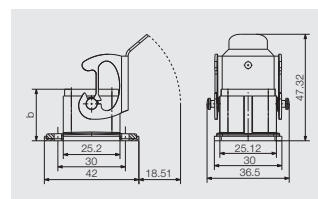


Base

Bulkhead housing



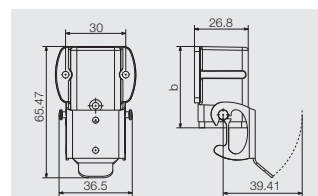
Version	Cover	b (mm)	Designation	Order No.
	without cover	23	HDC 04A ALU	1497600000



Base housing



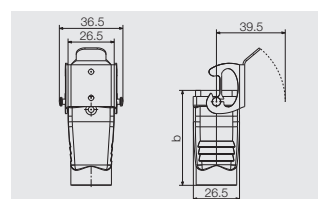
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	41.5	HDC 04A SLU 1M20G	1788830000



Coupling housing



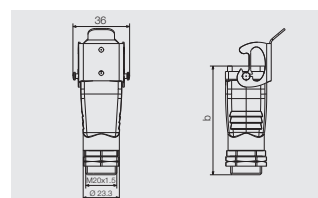
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	53.5	HDC 04A KOLU 1M20G	1788840000



Screw mounting housing



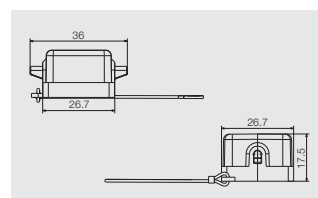
a	Version	Cover	b (mm)	Designation	Order No.
M20	w. threading	without cover	54	HDC 04A ELU 1M20G	1900320000
PG 13	w. threading	without cover	54	HDC 04A ELU 1PG13S	1900330000
PG 13	w. threading	without cover	54	HDC 04A ELU 1PG13S bl	1900350000



Cover



Version	Designation	Order No.
for female insert	HDC 04A DMDL 2BO	1665750000
for male insert	HDC 04A DODL 2BO	1665740000



HQ series - the powerful little connectors

500 V, 16 A, Size HQ

8 + ⊕

Inserts



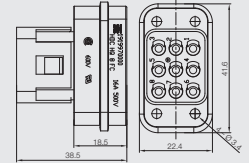
Crimp connection



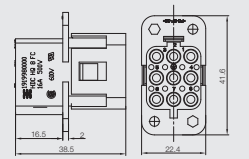
Insert	Designation	Order No.
Male	HDC HQ 8 MC	1919970000
Female	HDC HQ 8 FC	1919980000

Dimensions

Male



Female



Accessories

Crimp contacts

Surface finish silver



Surface finish gold



Qty.	Male	Order No.	Female	Order No.
100	HDC-C-HE-SM0.5AG	1200500000	HDC-C-HE-BM0.5AG	1201100000
100	HDC-C-HE-SM0.75-1AG	1200600000	HDC-C-HE-BM0.75-1AG	1201200000
100	HDC-C-HE-SM1.5AG	1200700000	HDC-C-HE-BM1.5AG	1201300000
100	HDC-C-HE-SM2.5AG	1200800000	HDC-C-HE-BM2.5AG	1201400000
100	HDC-C-HE-SM4.0AG	1200900000	HDC-C-HE-BM4.0AG	1201500000
100	HDC-C-HE-SM0.5AU	1651420000	HDC-C-HE-BM0.5AU	1651470000
100	HDC-C-HE-SM0.75-1AU	1651430000	HDC-C-HE-BM0.75-1AU	1651480000
100	HDC-C-HE-SM1.5AU	1651440000	HDC-C-HE-BM1.5AU	1651490000
100	HDC-C-HE-SM2.5AU	1651450000	HDC-C-HE-BM2.5AU	1651500000
100	HDC-C-HE-SM4.0AU	1651460000	HDC-C-HE-BM4.0AU	1651510000



Conductor cross-section	Insulation stripping length
0.50 mm ²	AWG 20 7.5 mm
0.75 – 1.00 mm ²	AWG 18 7.5 mm
1.50 mm ²	AWG 16 7.5 mm
2.50 mm ²	AWG 14 7.5 mm
4.00 mm ²	AWG 12 7.5 mm

Coding pin

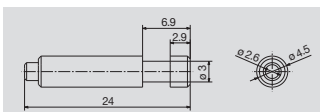


Qty.	Order No.
100 HDC HE CP	1003240000

Tools



Crimping tool	Order No.
CTX CM 1.6/2.5	9018490000
CTIN CM 1.6/2.5	9205430000
Contact removal tool	Order No.
Removal Tool HE	1866750000



Selection of Housings RockStar® IP65 / IP66 Size HQ

For additional housings, refer to Chapter D.



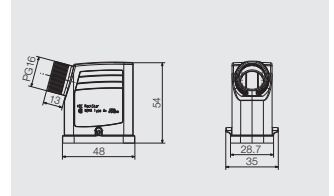
Hood

Material: Plastic

Plug housing, cable entry sideways



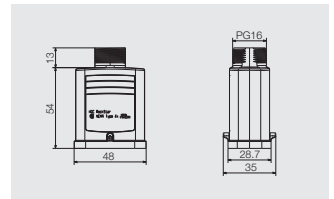
a	Version	Cover	b (mm)	Designation	Order No.
PG 16	w. threading		54	HDC HQP TSLU 1PG16	1003090000



Plug housing, cable entry at top



a	Version	Cover	b (mm)	Designation	Order No.
PG 16	w. threading		67	HDC HQP TOLU 1PG16	1003070000

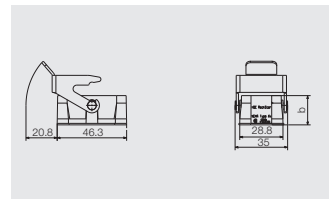


Base

Bulkhead housing



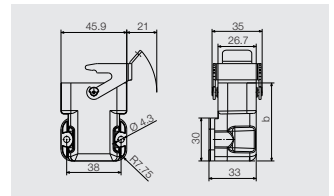
Version	Cover	b (mm)	Designation	Order No.
		19.5	HDC HQP ALU	1003040000



Bulkhead housing, angled



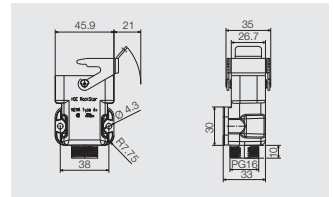
Version	Cover	b (mm)	Designation	Order No.
		54.5	HDC HQP AWLU	1003060000



Base housing



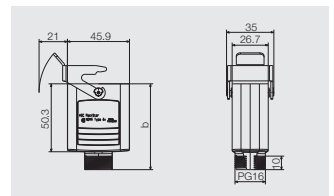
a	Version	Cover	b (mm)	Designation	Order No.
PG 16	w. threading		33	HDC HQP SLU 1PG16	1003110000



Coupling housing



a	Version	Cover	b (mm)	Designation	Order No.
PG 16	w. threading		63.5	HDC HQP KOLU 1PG16	1003120000

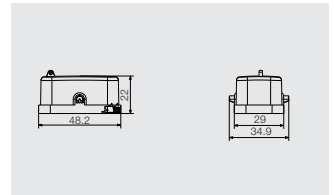


Cover



Version	Designation	Order No.
for female insert	HDC HQP DMD 2BO	1003130000
for male insert	HDC HQP DOD 2BO	1003140000

Note: also for metal housing



HQ series - the powerful little connectors

250 V, 10 A, Size HQ

17 + 

Inserts

Crimp connection

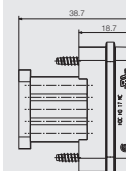


Insert	Designation	Order No.
Male	HDC HQ 17 MC	1003210000
Female	HDC HQ 17 FC	1003200000

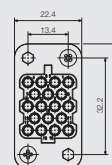
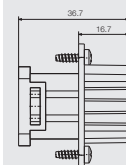


Dimensions

Male



Female



Accessories

Crimp contacts

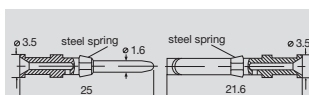
Surface finish silver



Surface finish gold



Qty.	Male	Order No.	Female	Order No.
100	HDC-C-HD-SM0.14-0.37AG	1651520000	HDC-C-HD-BM0.14-0.37AG	1651570000
100	HDC-C-HD-SM0.5AG	1651530000	HDC-C-HD-BM0.5AG	1651580000
100	HDC-C-HD-SM0.75-1AG	1601750000	HDC-C-HD-BM0.75-1AG	1601760000
100	HDC-C-HD-SM1.5AG	1651550000	HDC-C-HD-BM1.5AG	1651600000
100	HDC-C-HD-SM2.5AG	1651560000	HDC-C-HD-BM2.5AG	1651610000
100	HDC-C-HD-SM0.14-0.37AU	1651620000	HDC-C-HD-BM0.14-0.37AU	1651670000
100	HDC-C-HD-SM0.5AU	1651630000	HDC-C-HD-BM0.5AU	1651680000
100	HDC-C-HD-SM0.75-1AU	1651640000	HDC-C-HD-BM0.75-1AU	1651690000
100	HDC-C-HD-SM1.5AU	1651650000	HDC-C-HD-BM1.5AU	1651700000
100	HDC-C-HD-SM2.5AU	1651660000	HDC-C-HD-BM2.5AU	1651710000



Conductor cross-section	Insulation stripping length
0.14 – 0.37 mm ²	AWG 26-22 8 mm
0.50 mm ²	AWG 20 8 mm
0.75 – 1.00 mm ²	AWG 18 8 mm
1.50 mm ²	AWG 16 8 mm
2.50 mm ²	AWG 14 6 mm

Tools



Crimping tool	Order No.
CTX CM 1.6/2.5	9018490000
CTIN CM 1.6/2.5	9205430000
Contact removal tool	
Removal Tool HD	1866730000

Selection of Housings RockStar® IP65 / IP66 Size HQ

For additional housings, refer to Chapter D.

Hood

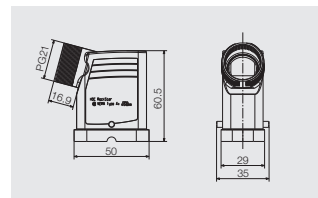
Material: Die cast zinc (EMC)



Plug housing, cable entry sideways



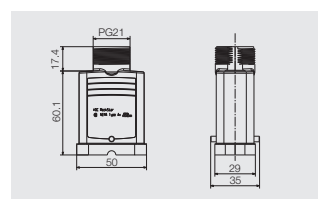
a	Version	Cover	b (mm)	Designation	Order No.
PG 21	w. threading		60.5	HDC HQM TSLU 1PG21	1003100000



Plug housing, cable entry at top



a	Version	Cover	b (mm)	Designation	Order No.
PG 21	w. threading		77.5	HDC HQM TOLU 1PG21	1003080000

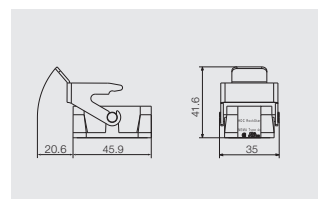


Base

Bulkhead housing



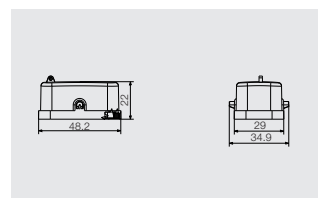
Version	Cover	b (mm)	Designation	Order No.
		18.5	HDC HQM ALU	1003050000



Cover



Material: Plastic					
Version	Designation	Order No.			
for female insert	HDC HQP DMD 2BO	1003130000			
for male insert	HDC HQP DOD 2BO	1003140000			



Note: also for metal housing

HQ series - the powerful little connectors

690 V, 40 A, Size HQ

4 + 2 + 

Inserts

Crimp connection

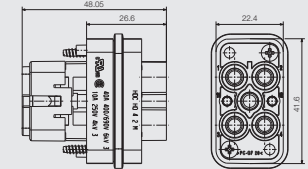


Insert	Designation	Order No.
Male	HDC HQ 4 2 MC	1003170000
Female	HDC HQ 4 2 FC	1003160000

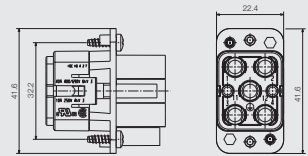


Dimensions

Male



Female



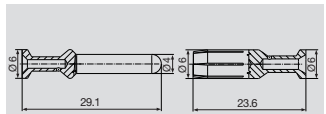
Accessories

Crimp contacts

Surface finish silver



Qty.	Male	Order No.	Female	Order No.
25	HDC C HX SM1.5AG	1002910000	HDC C HX BM1.5AG	1002950000
25	HDC C HX SM2.5AG	1002920000	HDC C HX BM2.5AG	1002960000
25	HDC C HX SM4.0AG	1002930000	HDC C HX BM4.0AG	1002970000
25	HDC C HX SM6.0AG	1002940000	HDC C HX BM6.0AG	1002980000



Conductor cross-section	Insulation stripping length
1.50 mm ²	AWG 16 8 mm
2.50 mm ²	AWG 14 8 mm
4.00 mm ²	AWG 12 8 mm
6.00 mm ²	AWG 10 8 mm

Tools



Crimping tool	Order No.
CTIN CM 1.6/2.5	9205430000

Contact removal tool	Order No.
Removal Tool HX	1002990000

Crimp contacts

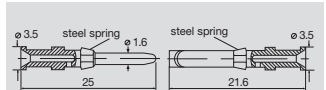
Surface finish silver



Surface finish gold



Qty.	Male	Order No.	Female	Order No.
100	HDC-C-HD-SM0.14-0.37AG	1651520000	HDC-C-HD-BM0.14-0.37AG	1651570000
100	HDC-C-HD-SM0.5AG	1651530000	HDC-C-HD-BM0.5AG	1651580000
100	HDC-C-HD-SM0.75-1AG	1601750000	HDC-C-HD-BM0.75-1AG	1601760000
100	HDC-C-HD-SM1.5AG	1651550000	HDC-C-HD-BM1.5AG	1651600000
100	HDC-C-HD-SM2.5AG	1651560000	HDC-C-HD-BM2.5AG	1651610000



Conductor cross-section	Insulation stripping length
0.14 - 0.37 mm ²	AWG 26-22 8 mm
0.50 mm ²	AWG 20 8 mm
0.75 - 1.00 mm ²	AWG 18 8 mm
1.50 mm ²	AWG 16 8 mm
2.50 mm ²	AWG 14 6 mm

Tools



Crimping tool	Order No.
CTX CM 1.6/2.5	9018490000
CTIN CM 1.6/2.5	9205430000

Contact removal tool	Order No.
Removal Tool HD	1866730000

Selection of Housings RockStar® IP65 / IP66 Size HQ

For additional housings, refer to Chapter D.

Hood

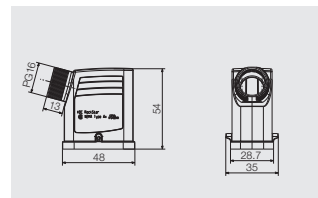
Material: Plastic



Plug housing, cable entry sideways



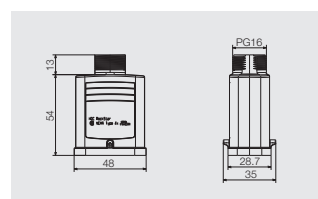
a	Version	Cover	b (mm)	Designation	Order No.
PG 16	w. threading		54	HDC HQP TSLU 1PG16	1003090000



Plug housing, cable entry at top



a	Version	Cover	b (mm)	Designation	Order No.
PG 16	w. threading		67	HDC HQP TOLU 1PG16	1003070000

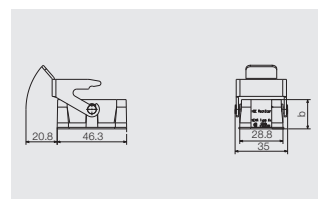


Base

Bulkhead housing



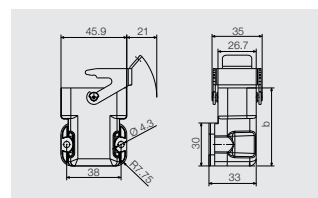
Version	Cover	b (mm)	Designation	Order No.
		19.5	HDC HQP ALU	1003040000



Bulkhead housing, angled



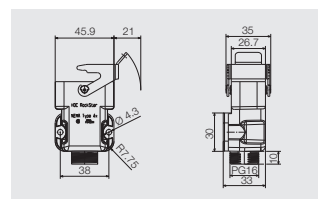
Version	Cover	b (mm)	Designation	Order No.
		54.5	HDC HQP AWLU	1003060000



Base housing



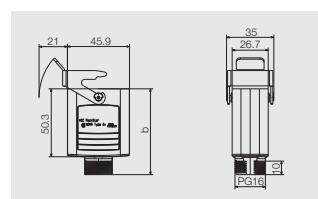
aa	Version	Cover	b (mm)	Designation	Order No.
PG 16	w. threading		33	HDC HQP SLU 1PG16	1003110000



Coupling housing



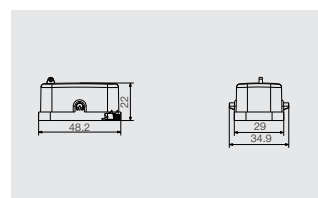
a	Ausführung Deckel	b (mm)	Bezeichnung	Best.-Nr.
PG 16	w. threading	63.5	HDC HQP KOLU 1PG16	1003120000



Cover



Version	Designation	Order No.
for female insert	HDC HQP DMD 2BO	1003130000
for male insert	HDC HQP DOD 2BO	1003140000



Note: also for metal housing

CabinetMate DSTV-HE series – connector at front, terminal at rear

CabinetMate DSTV-HE offers a simple solution for connecting conductors from inside the switch cabinet. From the outside of the switch cabinet, users can connect to their equipment using HE series inserts.

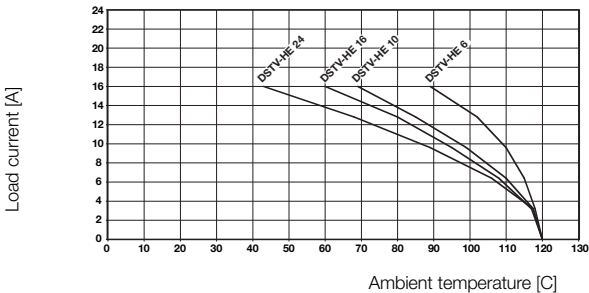


Technical data

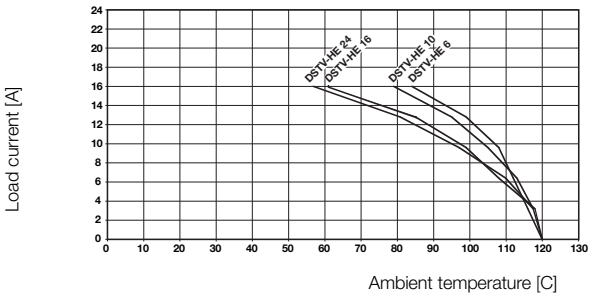
Standards / approvals	
Standards	DIN EN 61984 DIN EN 60664-1
Approvals	
Contact inserts	
No. of poles	6, 10, 16, 24 (+PE)
Rated voltage	500 V
Rated current	16 A
Rated impulse withstand voltage	6 kV
Pollution severity	3
Insulation resistance	$10^{10} \Omega$
Material	Glass fibre reinforced thermoplastic moulding (UL listed)
Temperature range	-40° ... +110°C
Flammability to UL 94	V-2
Mechanical service life	
Plugging cycles Ag	≤ 200
Rated voltage to UL / CSA	600 V AC/DC
Contacts	
Material	Copper alloy
Surface	Silver passivated
Clamping range	
Screw connection	0.5 ... 4 mm ² / AWG 20 ... 12
Tension clamp connection	0.5 ... 2.5 mm ² / AWG 20 ... 14
Clamping torque	0.4 ... 0.7 Nm
Stripping length	
Screw connection	12.0 mm
Tension clamp connection	6.0 mm

Note: When used properly and as designated, the listed connectors may not be connected or disconnected if there is a live voltage or load!

Derating curves



Tension spring connection 2,5 mm² conductor



Screw connection 2,5 mm² conductor

Overview

	Size	Rated voltage	Rated current	No. of poles	Tension clamp connection	Screw conn. with wire guard spring	Crimp connection	Push In	Axial screw connection	Page
	3	500 V	16 A	6 + ⊥	•	•				B.120
	4	500 V	16 A	10 + ⊥	•	•				B.122
	6	500 V	16 A	16 + ⊥	•	•				B.124
	8	500 V	16 A	24 + ⊥	•	•				B.126

CabinetMate DSTV-HE series - connector at front, terminal at rear

500 V, 16 A, Size 3

6 + ⊕

Inserts

Tension clamp connection



Insert	Designation	Order No.
Male	DSTV HE SR6 ZF	1837510000
Female	DSTV HE BR6 ZF	1837430000
Male	DSTV HE SL6 ZF	1837470000
Female	DSTV HE BL6 ZF	1837390000

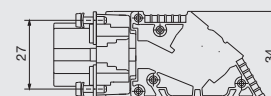
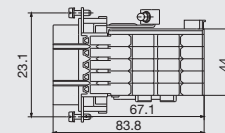
Screw connection



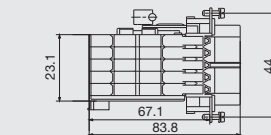
Insert	Designation	Order No.
Male	DSTV HE SR6 S	1848740000
Female	DSTV HE BR6 S	1848600000
Male	DSTV HE SL6 S	1848660000
Female	DSTV HE BL6 S	1848550000

Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

ZF – Tension clamp connection
S – Screw connection

Accessories

Snap-on tags



Qty.	Designation	Order No.
600	MF 10/6 MC NEUTRAL	1677220000
600	MF 12/5 MC NEUTRAL	1677180000

Selection of Housings RockStar® IP65 / IP66
Size 3

For additional housings, refer to Chapter D.

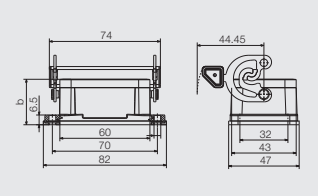


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover	29	HDC 06B ALU	1202100000
	with cover	47	HDC 06B ADLU	1202500000



CabinetMate DSTV-HE series - connector at front, terminal at rear

500 V, 16 A, Size 4

10 + 

Inserts

Tension clamp connection



Insert	Designation	Order No.
Male	DSTV HE SR10 ZF	1837520000
Female	DSTV HE BR10 ZF	1837440000
Male	DSTV HE SL10 ZF	1837480000
Female	DSTV HE BL10 ZF	1837400000

Screw connection

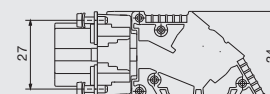
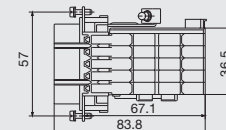


Insert	Designation	Order No.
Male	DSTV HE SR10 S	1848750000
Female	DSTV HE BR10 S	1848610000
Male	DSTV HE SL10 S	1848680000
Female	DSTV HE BL10 S	1848570000

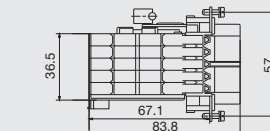


Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

ZF – Tension clamp connection
S – Screw connection

Accessories

Snap-on tags



Qty.	Designation	Order No.
600	MF 10/6 MC NEUTRAL	1677220000
600	MF 12/5 MC NEUTRAL	1677180000

Selection of Housings RockStar® IP65 / IP66
Size 4

For additional housings, refer to Chapter D.

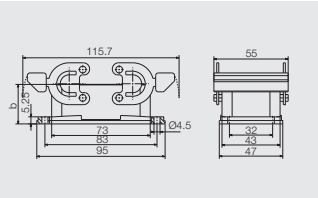


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover	29.3	HDC 10B ABU	1205000000



CabinetMate DSTV-HE series - connector at front, terminal at rear

500 V, 16 A, Size 6

16 + 

Inserts

Tension clamp connection



Insert	Designation	Order No.
Male	DSTV HE SR16 ZF	1837530000
Female	DSTV HE BR16 ZF	1837450000
Male	DSTV HE SL16 ZF	1837490000
Female	DSTV HE BL16 ZF	1837410000

Screw connection

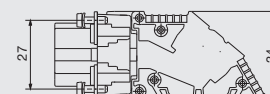
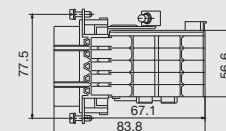


Insert	Designation	Order No.
Male	DSTV HE SR16 S	1848760000
Female	DSTV HE BR16 S	1848620000
Male	DSTV HE SL16 S	1848700000
Female	DSTV HE BL16 S	1848580000

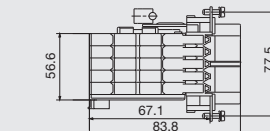


Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

ZF – Tension clamp connection
S – Screw connection

Accessories

Snap-on tags



Qty.	Designation	Order No.
600	MF 10/6 MC NEUTRAL	1677220000
600	MF 12/5 MC NEUTRAL	1677180000

Selection of Housings RockStar® IP65 / IP66
Size 6

For additional housings, refer to Chapter D.

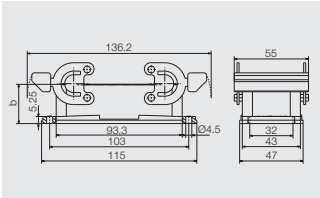


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover 29		HDC 16B ABU	1208600000



CabinetMate DSTV-HE series - connector at front, terminal at rear

500 V, 16 A, Size 8

24 + 

Inserts

Tension clamp connection



Insert	Designation	Order No.
Male	DSTV HE SR24 ZF	1837540000
Female	DSTV HE BR24 ZF	1837460000
Male	DSTV HE SL24 ZF	1837500000
Female	DSTV HE BL24 ZF	1837420000

Screw connection

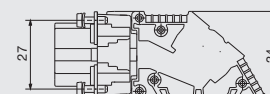
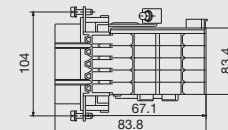


Insert	Designation	Order No.
Male	DSTV HE SR24 S	1848770000
Female	DSTV HE BR24 S	1848630000
Male	DSTV HE SL24 S	1848730000
Female	DSTV HE BL24 S	1848590000

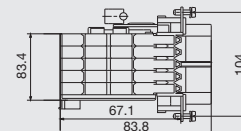


Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

ZF – Tension clamp connection
S – Screw connection

Accessories

Snap-on tags



Qty.	Designation	Order No.
600	MF 10/6 MC NEUTRAL	1677220000
600	MF 12/5 MC NEUTRAL	1677180000

Selection of Housings RockStar® IP65 / IP66
Size 8

For additional housings, refer to Chapter D.

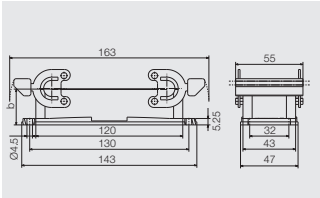


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover	29,3	HDC 24B ABU	1212400000



CabinetMate DSTV-HD series – connector at front, terminal at rear

CabinetMate DSTV-HD offers a simple solution for connecting conductors from inside the switch cabinet. Usable with inserts from the HD series.

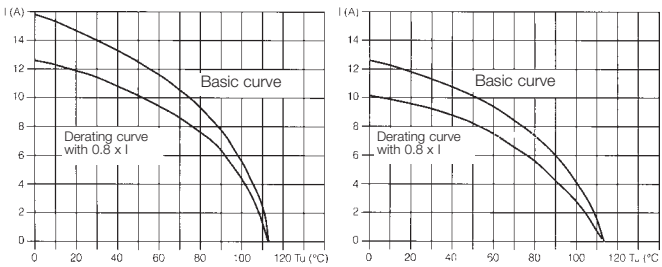


Technical data

Standards / approvals	
Standards	DIN EN 61984 DIN EN 60664-1
Approvals	
Contact inserts	
No. of poles	16, 24, 40, 64 (+ PE)
Rated voltage	250 V ~ / 300 V -
Rated current	10 A
Test voltage	2.5 kV
Pollution severity	III
Specific contact resistance	$10^{16} \Omega/\text{cm}$
Insulation resistance	$10^{13} \Omega$
Material	Glass fibre reinforced thermoplastic moulding (UL listed)
Temperature range	-40° ... +125 °C
Flammability to UL 94	V-0
Mechanical service life	
plugging cycles Ag	≤ 100
Nominal voltage to UL / CSA	600 V AC/DC
Contacts	
Material	Copper alloy
Surface	Tin-plated, gold-plated
Contact resistance	< 2 mΩ
Clamping range	0.5 ... 1.5 mm ² / AWG 20 ... 16
Clamping torque	0.4 Nm
Stripping length	10.0 mm

Note: When used properly and as designated, the listed connectors may not be connected or disconnected if there is a live voltage or load!

Derating curves



Test specimen DSTV-HD 16/HDC-HD-16
Conductor H07V-K 1.5 mm²

Test specimen DSTV-HD 64/HDC-HD-64
Conductor H07V-K 1.5 mm²

Overview

	Size	Rated voltage	Rated current	No. of poles	Tension clamp connection	Screw conn. with wire guard spring	Crimp connection	Push In	Axial screw connection	Page
	3	250 V	10 A	16 + ⊥		•				B.130
	4	250 V	10 A	24 + ⊥		•				B.132
	6	250 V	10 A	40 + ⊥		•				B.134
	8	250 V	10 A	64 + ⊥		•				B.136

CabinetMate DSTV-HD series - connector at front, terminal at rear

250 V, 10 A, Size 3

16 + 

Inserts

Screw connection

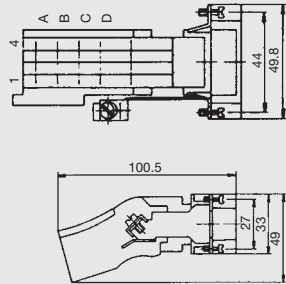


Insert	Designation	Order No.
Male	DSTV-HD-SR 16 AU	1566370000
Female	DSTV-HD-BR 16 AU	1566330000
Female	DSTV-HD-BR 16 SN	1566650000
Male	DSTV-HD-SL 16 AU	1566450000
Female	DSTV-HD-BL 16 SN	1566730000

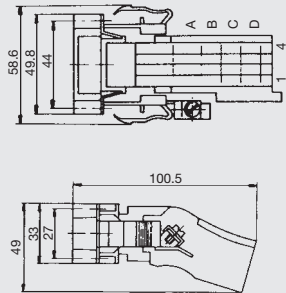


Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

Accessories

Snap-on tags



Qty.	Designation	Order No.
1000	SF 10 BEZ. 0-9	0332400000
1000	SF 10 BEZ. 1-10	0331500001
1000	SF 10 BEZ. 11-20	0331500011
1000	SG 10 BEZ. 1	0332500001
1000	SG 10 BEZ. 2	0332500002
1000	SG 10 BEZ. 3	0332500003
1000	SG 10 BEZ. 4	0332500004
1000	SG 10 BEZ. 5	0332500005
1000	SG 10 BEZ. 6	0332500006
1000	SG 10 BEZ. 7	0332500007
1000	SG 10 BEZ. 8	0332500008
1000	SG 10 BEZ. 9	0332500009
1000	SG 10 BEZ. 0	0332501000
1000	SO 10	0332300000

Selection of Housings RockStar® IP65 / IP66
Size 3

For additional housings, refer to Chapter D.

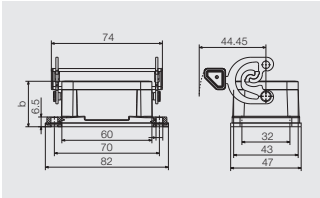


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover	29	HDC 06B ALU	1202100000
	with cover	47	HDC 06B ADLU	1202500000



CabinetMate DSTV-HD series - connector at front, terminal at rear

250 V, 10 A, Size 4

24 + 

Inserts

Screw connection

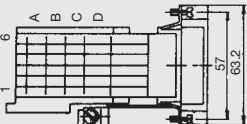


Insert	Designation	Order No.
Male	DSTV-HD-SR 24 SN	1566700000
Female	DSTV-HD-BR 24 SN	1566660000
Female	DSTV-HD-BL 24 AU	1566420000
Female	DSTV-HD-BL 24 SN	1566740000

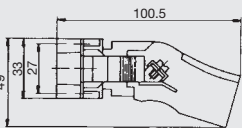
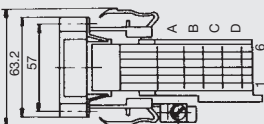


Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

Accessories

Snap-on tags



Qty.	Designation	Order No.
1000	SF 10 BEZ. 0-9	0332400000
1000	SF 10 BEZ. 1-10	0331500001
1000	SF 10 BEZ. 11-20	0331500011
1000	SG 10 BEZ. 1	0332500001
1000	SG 10 BEZ. 2	0332500002
1000	SG 10 BEZ. 3	0332500003
1000	SG 10 BEZ. 4	0332500004
1000	SG 10 BEZ. 5	0332500005
1000	SG 10 BEZ. 6	0332500006
1000	SG 10 BEZ. 7	0332500007
1000	SG 10 BEZ. 8	0332500008
1000	SG 10 BEZ. 9	0332500009
1000	SG 10 BEZ. 0	0332501000
1000	SO 10	0332300000

Selection of Housings RockStar® IP65 / IP66
Size 4

For additional housings, refer to Chapter D.

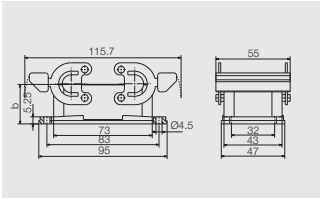


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover	29.3	HDC 10B ABU	1205000000



CabinetMate DSTV-HD series - connector at front, terminal at rear

250 V, 10 A, Size 6

40 + 

Inserts

Screw connection

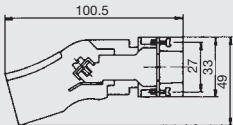
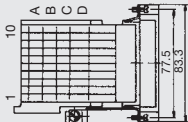


Insert	Designation	Order No.
Male	DSTV-HD-SR 40 AU	1566390000
Male	DSTV-HD-SR 40 SN	1566710000
Female	DSTV-HD-BR 40 AU	1566350000
Female	DSTV-HD-BR 40 SN	1566670000
Male	DSTV-HD-SL 40 AU	1566470000
Male	DSTV-HD-SL 40 SN	1566790000
Female	DSTV-HD-BL 40 AU	1566430000
Female	DSTV-HD-BL 40 SN	1566750000

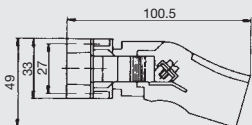
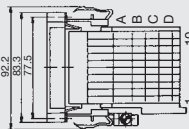


Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

Accessories

Snap-on tags



Qty.	Designation	Order No.
1000	SF 10 BEZ. 0-9	0332400000
1000	SF 10 BEZ. 1-10	0331500001
1000	SF 10 BEZ. 11-20	0331500011
1000	SG 10 BEZ. 1	0332500001
1000	SG 10 BEZ. 2	0332500002
1000	SG 10 BEZ. 3	0332500003
1000	SG 10 BEZ. 4	0332500004
1000	SG 10 BEZ. 5	0332500005
1000	SG 10 BEZ. 6	0332500006
1000	SG 10 BEZ. 7	0332500007
1000	SG 10 BEZ. 8	0332500008
1000	SG 10 BEZ. 9	0332500009
1000	SG 10 BEZ. 0	0332501000
1000	SO 10	0332300000

Selection of Housings RockStar® IP65 / IP66
Size 6

For additional housings, refer to Chapter D.

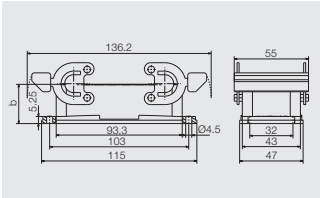


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover 29		HDC 16B ABU	1208600000



CabinetMate DSTV-HD series - connector at front, terminal at rear

250 V, 10 A, Size 8

64 + 

Inserts

Screw connection

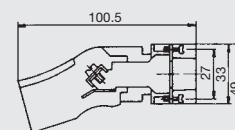
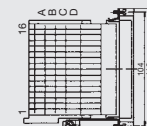


Insert	Designation	Order No.
Male	DSTV-HD-SR 64 AU	1566400000
Male	DSTV-HD-SR 64 SN	1566720000
Female	DSTV-HD-BR 64 AU	1566360000
Female	DSTV-HD-BR 64 SN	1566680000
Male	DSTV-HD-SL 64 AU	1566480000
Male	DSTV-HD-SL 64 SN	1566800000
Female	DSTV-HD-BL 64 AU	1566440000
Female	DSTV-HD-BL 64 SN	1566760000

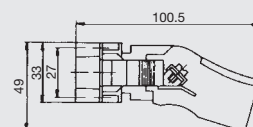
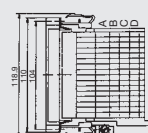


Dimensions

earthing contact on the left



earthing contact on the right



SR – PE conductor right
BR – PE conductor right
SL – PE conductor left
BL – PE conductor left

Accessories

Snap-on tags



Qty.	Designation	Order No.
1000	SF 10 BEZ. 0-9	0332400000
1000	SF 10 BEZ. 1-10	0331500001
1000	SF 10 BEZ. 11-20	0331500011
1000	SG 10 BEZ. 1	0332500001
1000	SG 10 BEZ. 2	0332500002
1000	SG 10 BEZ. 3	0332500003
1000	SG 10 BEZ. 4	0332500004
1000	SG 10 BEZ. 5	0332500005
1000	SG 10 BEZ. 6	0332500006
1000	SG 10 BEZ. 7	0332500007
1000	SG 10 BEZ. 8	0332500008
1000	SG 10 BEZ. 9	0332500009
1000	SG 10 BEZ. 0	0332501000
1000	SO 10	0332300000

Selection of Housings RockStar® IP65 / IP66
Size 8

For additional housings, refer to Chapter D.



Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
	without cover	29.3	HDC 24B ABU	1212400000

