

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

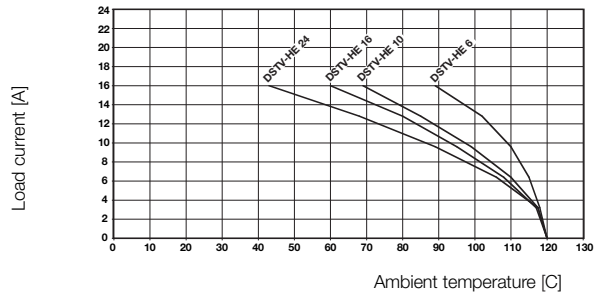
CabinetMate DSTV-HE offers a simple solution for connecting conductors from inside the switch cabinet. From the outside of the switch cabinet, users can connect to their equipment using HE series inserts.



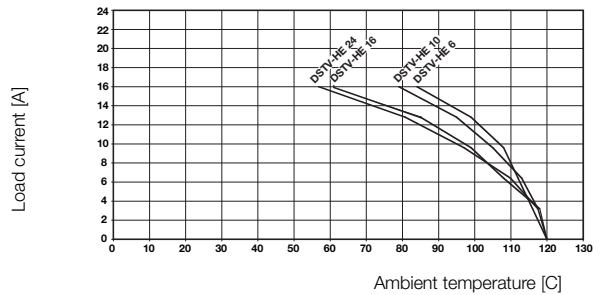
## Technical data

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 <sup>10</sup> Ω
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	3 µm Ag
Clamping range	
Screw connection	0.5 ... 4 mm <sup>2</sup> / AWG 20 ... 12
Tension clamp connection	0.5 ... 2.5 mm <sup>2</sup> / AWG 20 ... 14
Clamping torque	
Screw connection	0.4 ... 0.7 Nm
Stripping length	
Screw connection	12.0 mm
Tension clamp connection	6.0 mm

## Derating curves







Tension spring connection 2,5 mm<sup>2</sup> conductor



Screw connection 2,5 mm<sup>2</sup> conductor

Overview

	Rated voltage	Rated current	No. of poles	Tension clamp connection	Screw conn. with wire guard spring	Crimp connection	Push In	Axial screw connection	Page
	500 V	16 A	6 + ⊥	•	•				B.112
	500 V	16 A	10 + ⊥	•	•				B.114
	500 V	16 A	16 + ⊥	•	•				B.116
	500 V	16 A	24 + ⊥	•	•				B.118

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



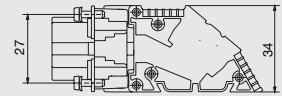
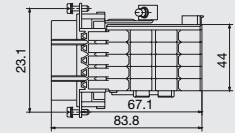
Insert	Designation	Order No.
Male	DSTV HE SR6 S	1848740000
Female	DSTV HE BR6 S	1848600000
Male	DSTV HE SL6 S	1848660000
Female	DSTV HE BL6 S	1848550000

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

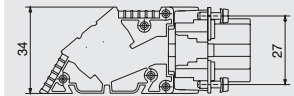
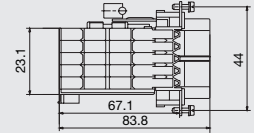
ZF – Tension clamp connection  
 S – Screw connection

Dimensions

earthing contact on the left



earthing contact on the right



Selection of Housings RockStar® IP65

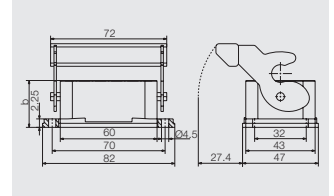


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29	HDC 06B ALU	<b>1202100000</b>
	with cover	47	HDC 06B ADLU	<b>1202500000</b>



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



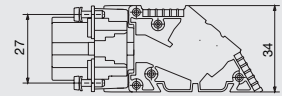
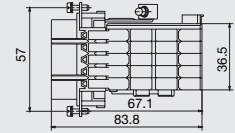
Insert	Designation	Order No.
Male	DSTV HE SR10 S	1848750000
Female	DSTV HE BR10 S	1848610000
Male	DSTV HE SL10 S	1848680000
Female	DSTV HE BL10 S	1848570000

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

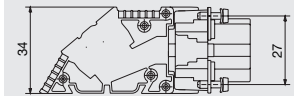
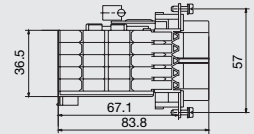
ZF – Tension clamp connection  
 S – Screw connection

Dimensions

earthing contact on the left



earthing contact on the right



Selection of Housings RockStar® IP65

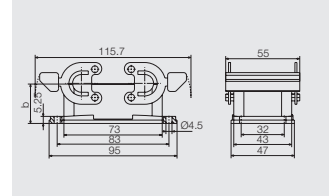


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29.3	HDC 10B ABU	120500000



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



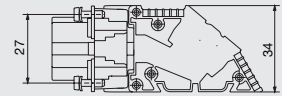
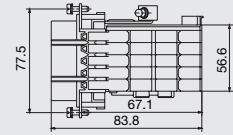
Insert	Designation	Order No.
Male	DSTV HE SR16 S	1848760000
Female	DSTV HE BR16 S	1848620000
Male	DSTV HE SL16 S	1848700000
Female	DSTV HE BL16 S	1848580000

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

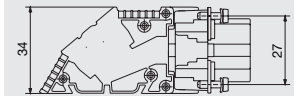
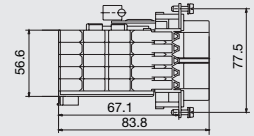
ZF – Tension clamp connection  
 S – Screw connection

Dimensions

earthing contact on the left



earthing contact on the right



Selection of Housings RockStar® IP65

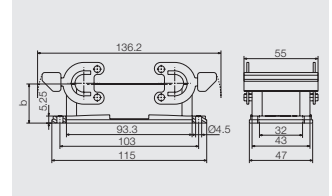


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29	HDC 16B ABU	120860000





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



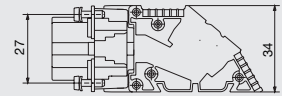
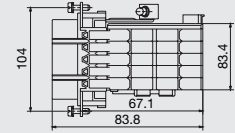
Insert	Designation	Order No.
Male	DSTV HE SR24 S	1848770000
Female	DSTV HE BR24 S	1848630000
Male	DSTV HE SL24 S	1848730000
Female	DSTV HE BL24 S	1848590000

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

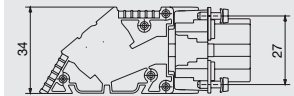
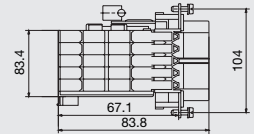
ZF – Tension clamp connection  
 S – Screw connection

Dimensions

earthing contact on the left



earthing contact on the right



Selection of Housings RockStar® IP65

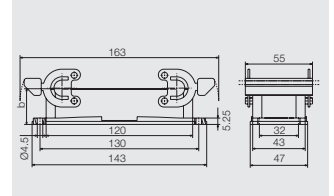


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29.3	HDC 24B ABU	1212400000



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

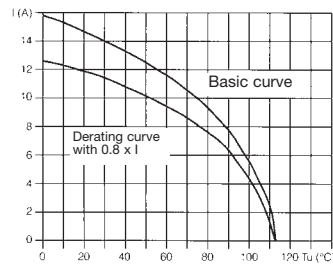
CabinetMate DSTV-HD offers a simple solution for connecting conductors from inside the switch cabinet. Usable with inserts from the HD series.



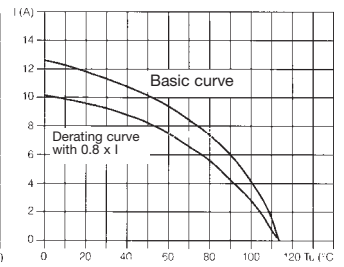
## Technical data

Standards / approvals	
Standards	DIN EN 61984 DIN EN 60664-1
Approvals	<b>UL</b> <b>CE</b>
Contact inserts	
No. of poles	16, 24, 40, 64 (+ PE)
Rated voltage (VDE 110/2.79)	250 V ~ / 300 V -
Rated current	10 A
Test voltage	2.5 kV
Insulation group	C
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	
hard silver plated	3 µm Ag
Contact resistance	< 2 mΩ
Clamping range	0.5 ... 1.5 mm <sup>2</sup> / AWG 20 ... 16
Clamping torque	0.4 Nm
Stripping length	10.0 mm

## Derating curves







Test specimen **DSTV-HD 16/HDC-HD-16**  
Conductor **H07V-K 1.5 mm<sup>2</sup>**



Test specimen **DSTV-HD 64/HDC-HD-64**  
Conductor **H07V-K 1.5 mm<sup>2</sup>**

Overview

	Rated voltage	Rated current	No. of poles	Tension clamp connection	Screw conn. with wire guard spring	Crimp connection	Push In	Axial screw connection	Page
	250 V	10 A	16 + ⊕			•			B.122
	250 V	10 A	24 + ⊕			•			B.124
	250 V	10 A	40 + ⊕			•			B.126
	250 V	10 A	64 + ⊕			•			B.128

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

250 V, 10 A, Size 3

16 + ⊕

## Inserts



### Screw connection

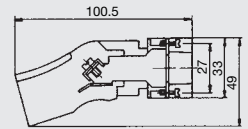
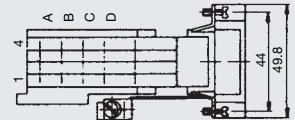


Insert	Designation	Order No.
Male	DSTV-HD-SR 16 AU	1566370000
Female	DSTV-HD-BR 16 AU	1566330000
Female	DSTV-HD-BR 16 SN	1566650000
Male	DSTV-HD-SL 16 AU	1566450000
Female	DSTV-HD-BL 16 SN	1566730000

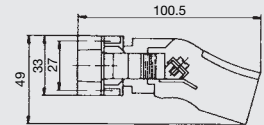
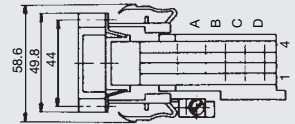
SR – PE conductor right  
 BR – PE conductor right  
 SL – PE conductor left  
 BL – PE conductor left

### Dimensions

earthing contact on the left



earthing contact on the right



## Accessories

### Snap-on tags



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

Selection of Housings RockStar® IP65

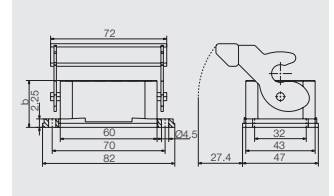


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29	HDC 06B ALU	<b>1202100000</b>
	with cover	47	HDC 06B ADLU	<b>1202500000</b>



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

250 V, 10 A, Size 4

24 + ⊕



**Inserts**

**Screw connection**

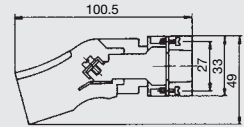
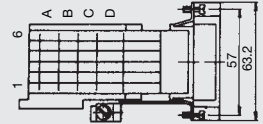


Insert	Designation	Order No.
Male	DSTV-HD-SR 24 SN	1566700000
Female	DSTV-HD-BR 24 SN	1566660000
Female	DSTV-HD-BL 24 AU	1566420000
Female	DSTV-HD-BL 24 SN	1566740000

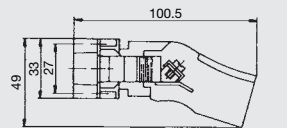
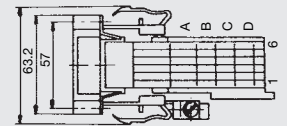
SR – PE conductor right  
 BR – PE conductor right  
 SL – PE conductor left  
 BL – PE conductor left

**Dimensions**

earthing contact on the left



earthing contact on the right



**Accessories**

**Snap-on tags**



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

Selection of Housings RockStar® IP65

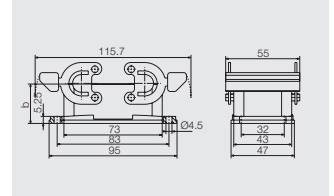


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29.3	HDC 10B ABU	120500000





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

250 V, 10 A, Size 6

40 + ⊕

Inserts



Screw connection

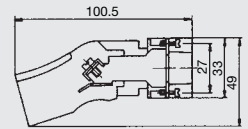
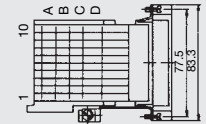


Insert	Designation	Order No.
Male	DSTV-HD-SR 40 AU	1566390000
Male	DSTV-HD-SR 40 SN	1566710000
Female	DSTV-HD-BR 40 AU	1566350000
Female	DSTV-HD-BR 40 SN	1566670000
Male	DSTV-HD-SL 40 AU	1566470000
Male	DSTV-HD-SL 40 SN	1566790000
Female	DSTV-HD-BL 40 AU	1566430000
Female	DSTV-HD-BL 40 SN	1566750000

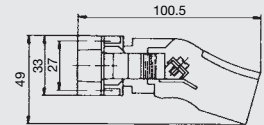
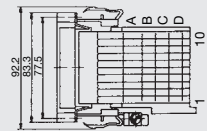
SR – PE conductor right  
 BR – PE conductor right  
 SL – PE conductor left  
 BL – PE conductor left

Dimensions

earthing contact on the left



earthing contact on the right



Accessories

Snap-on tags



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

Selection of Housings RockStar® IP65

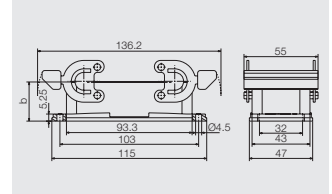


Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29	HDC 16B ABU	120860000



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

250 V, 10 A, Size 8

64 + ⊕



**Inserts**

**Screw connection**

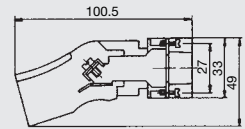
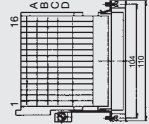


Insert	Designation	Order No.
Male	DSTV-HD-SR 64 AU	1566400000
Male	DSTV-HD-SR 64 SN	1566720000
Female	DSTV-HD-BR 64 AU	1566360000
Female	DSTV-HD-BR 64 SN	1566680000
Male	DSTV-HD-SL 64 AU	1566480000
Male	DSTV-HD-SL 64 SN	1566800000
Female	DSTV-HD-BL 64 AU	1566440000
Female	DSTV-HD-BL 64 SN	1566760000

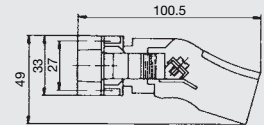
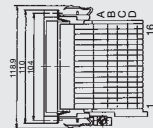
SR – PE conductor right  
 BR – PE conductor right  
 SL – PE conductor left  
 BL – PE conductor left

**Dimensions**

earthing contact on the left



earthing contact on the right



**Accessories**

**Snap-on tags**



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

Selection of Housings RockStar® IP65



Base

Bulkhead housing



Version	Cover	b (mm)	Designation	Order No.
		29.3	HDC 24B ABU	1212400000

