

Power distribution board - EM-CPS-405 - 1002635

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Modular power distribution board with CrossLink[®] interface, 125 A, 3-pos., touch-proof and protection against polarity reversal, width: 405 mm




Your advantages

- ✓ Protection against polarity reversal - phase rotation not possible
- ✓ Quick, complete out-of-the-box system
- ✓ Compact design compared to conventional power distribution



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 468204
GTIN	4055626468204
Weight per Piece (excluding packing)	1,367.300 g
Custom tariff number	85369095
Country of origin	Germany

Technical data

Note

Type of note	Assembly instruction:
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Dimensions

Width	405 mm
Height	160 mm
Depth	45.1 mm

Ambient conditions

Degree of protection	IP20
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General

Rated voltage	600 V DC (IEC)
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Technical data

General

	690 V AC (IEC)
	600 V AC/DC (UL)
Rated current	125 A (IEC)
	100 A (UL)
Rated peak withstand current	25 kA
Rated short-time current carrying capacity	10 kA (300 ms)
Degree of protection	IP20

Standards and Regulations

Standards/regulations	IEC 61439-2
	GB/T 7251.1
Rated insulation voltage	800 V AC
Rated surge voltage	6 kV

UL data

SCCR	10 kA (unprotected)
	100 kA (protected)
	100 kA (CB 125 A/480 V AC)
	65 kA (CB 125 A/600 V AC)
	100 A (Class J 175 A)

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27371392
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200
eCl@ss 7.0	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 4.0	EC002498
ETIM 5.0	EC002498
ETIM 6.0	EC002498

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Classifications

ETIM

ETIM 7.0	EC002498
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Approvals

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Approvals

UL Listed / cUL Listed / EAC / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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EAC			RU C- DE.A*30.B.01742
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EAC			RU*DE*08.B.01841/19
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cULus Listed			
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Accessories

Accessories

Adapter

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Accessories

Adapter - EM-CPS-DA-22,5F/16A - 1002668



Device adapter with fuse holder for 16 A fuse (10x38/Class CC), CrossLink® interface and fixed DIN rail

Adapter - EM-CPS-DA-45S/16A - 1003291



Standard device adapter with CrossLink® interface and fixed DIN rail, rated current: 16 A

Adapter - EM-CPS-DA-45S/32A - 1003292



Standard device adapter with CrossLink® interface and fixed DIN rail, rated current: 32 A

Adapter - EM-CPS-DA-45C/16A - 1002666



Comfort device adapter with CrossLink® interface and moveable DIN rail, rated current: 16 A

Adapter - EM-CPS-DA-45C/25A - 1002665



Comfort device adapter with CrossLink® interface and moveable DIN rail, rated current: 25 A

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Adapter - EM-CPS-DA-45C/32A - 1002664



Comfort device adapter with CrossLink[®] interface and moveable DIN rail, rated current: 32 A

Adapter - EM-CPS-DA-45C/45A - 1003289



Comfort device adapter with CrossLink[®] interface and moveable DIN rail, rated current: 45 A

Adapter - EM-CPS-DAE-45 - 1003293



Height extension for Comfort device adapter, width: 45 mm

Adapter - EM-CPS-DAES-45 - 1003294



Lateral extension of the height extension for Comfort device adapter, width: 45 mm

Adapter - EM-CPS-TS-45 - 1003295



Comfort DIN rail, additional DIN rail for Comfort device adapter

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Adapter - EM-CPS-DHS-45 - 1003296



Siemens device mount, positioning element for Siemens S0 and S00 switching devices

Adapter - EM-CPS-DHE-45 - 1002663



Eaton device mount, positioning element for Eaton PKZ switching devices

Assembly adapter

Connection module - EM-CPS-TB3/63A - 1002633



Connection module with integrated spring-loaded terminals for cables from 1.5 to 16 mm², 3-pos., maximum 63 A

Adapter - EM-CPS-PTFIX-135 - 1119251



Adapter rail for the CrossPowerSystem power distribution board with mounting for PTFIX distribution blocks

Adapter - EM-CPS-NS35-135 - 1119259



Adapter rail for the CrossPowerSystem power distribution board with integrated DIN rail for mounting distributor terminal blocks up to 35 mm²

Fuse

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Fuse - FUSE-10X38-16A-GR - 2903126



Fuse, number: 10 Pcs., fuse type: Fuse (CC), nominal current: 16 A, tripping characteristic: super-fast blow (gR)

Switch disconnecter - EM-CPS-DISC-NH000/125A - 1151613



LV HRC fuse switch disconnecter size 000 with CrossLink[®]-interface, 125 A, connection bottom/top, with box terminals
