

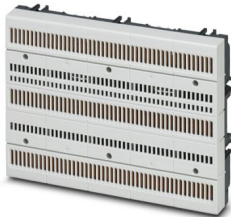
# EM-CPS-225 - Power distribution board



1002634

<https://www.phoenixcontact.com/us/products/1002634>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Modular power distribution board with CrossLink® interface, 125 A, 3-pos., touch-proof and protection against polarity reversal, width: 225 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

## Commercial data

Item number	1002634
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C470
Product key	DK7811
GTIN	4055626468228
Weight per piece (including packing)	826.4 g
Weight per piece (excluding packing)	797.1 g
Customs tariff number	85369095
Country of origin	DE

# EM-CPS-225 - Power distribution board



1002634

<https://www.phoenixcontact.com/us/products/1002634>

## Technical data

### Notes

Assembly note	We recommend using the high DIN rail (35x15) for optimum stability and maximum load. For detailed technical information, please refer to the packing slip. Torque for screwing on the power distribution board: 1.5 Nm (13lb-in).
---------------	---

### Product properties

Product type	Assembly adapter
Product family	CrossPowerSystem

### Electrical properties

Rated voltage	600 V DC (IEC)
	690 V AC (IEC)
	600 V AC/DC (UL)
Rated peak withstand current	25 kA
Rated current	125 A (IEC)
	100 A (UL)
Rated insulation voltage	800 V AC
Rated surge voltage	6 kV

### Dimensions

Width	225 mm
Height	160 mm
Depth	45.1 mm

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
----------------------	------

### Approvals

#### 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)

### Standards and regulations

Standards/regulations	IEC 61439-2
	GB/T 7251.1

# EM-CPS-225 - Power distribution board



1002634

<https://www.phoenixcontact.com/us/products/1002634>

## Classifications

### ECLASS

ECLASS-13.0	27371392
-------------	----------

### ETIM

ETIM 9.0	EC002498
----------	----------

### UNSPSC

UNSPSC 21.0	39121100
-------------	----------

# EM-CPS-225 - Power distribution board



1002634  
<https://www.phoenixcontact.com/us/products/1002634>

## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)