

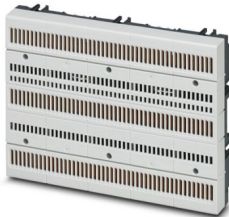
EM-CPS-225 - Power distribution board



1002634

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

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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 | CK7811 |
| Catalog page | Page 52 (C-5-2019) |
| 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 |

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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 |

Data management status

| | |
|------------------|----|
| Article revision | 00 |
|------------------|----|

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 |
|-----------------------|-------------|

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| | |
|--|-------------|
| | GB/T 7251.1 |
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Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1002634>




EAC
Approval ID: RU C-DE.A*30.B.01742



EAC
Approval ID: RU*DE*08.B.01841/19



UL Listed
Approval ID: E123528



cUL Listed
Approval ID: E123528

cULus Listed

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27371392 |
| ECLASS-13.0 | 27371392 |
| ECLASS-12.0 | 27371392 |

ETIM

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

UNSPSC

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

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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% |

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