

Potential distributors - CBB TM 04 2X2RC P-PT - 2801481

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Device circuit breaker boards for four CB TM1... thermomagnetic circuit breakers with group remote signaling, central supply, and potential distribution for up to five loads per channel.



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	380.0 GRM
Custom tariff number	85340090
Country of origin	Germany

Technical data

General

Inflammability class according to UL 94	V0
Mounting type	DIN rail: 35 mm
Number of positions	4
Surge voltage category	II
Pollution degree	2
Type	DIN rail module, two-section, divisible

Electrical data

Rated voltage main circuit	24 V DC
Rated current main circuit	48 A DC (total)
	12 A DC (per channel)
Rated voltage remote indication circuit	24 V DC
Rated current remote indication circuit	1 A DC
Rated insulation voltage U_i	50 V DC
Rated surge voltage	0.5 kV
Short circuit stability	600 A (conditional according to DIN EN 50178)

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Power dissipation	4.1 W (with even load on outputs with In)
Insertion/withdrawal cycles	50

Dimensions

Height	127.8 mm
Width	118.5 mm
Depth	70.8 mm

Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C (At max. 45 A, see derating)
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Degree of protection	IP20 (Terminal blocks and fuse holders)
	IP00 (PCB)

Standards and Regulations

Standards/specifications	DIN EN 50178 1997
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Connection data

Connection name	Supply X21
Connection method	Push-in connection
Stripping length	18 mm
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max.	4
Connection name	Outputs X1 ... X4
Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	12
Connection name	Remote signaling X31
Connection method	Push-in connection
Stripping length	10 mm

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Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

ETIM

ETIM 3.0	EC000899
ETIM 4.0	EC002498
ETIM 5.0	EC002498

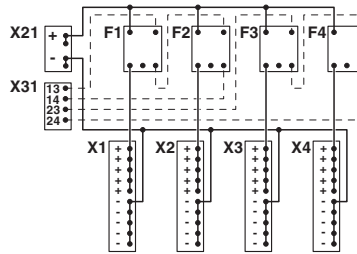
UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

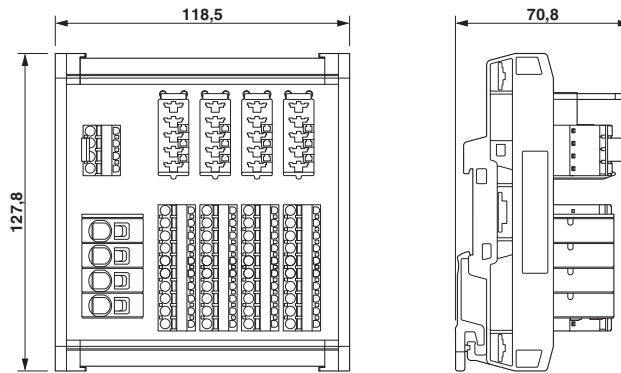
Drawings

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Circuit diagram



Dimensioned drawing



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Application drawing

