

Connection terminal plate, 3 pole (01240)



The picture may show a similar product.

Description

Part No.: **01240**000

CRITO® 60Classic

Connection terminal plate, 3 pole

6 - 50 mm², AWG 10 - 2/0, lam. Cu. 7 - 9 x 4 - 10

for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

System

60Classic

Advantages of the product

Terminals can be removed for connection of uncut conductors

Product group 07

Subgroup 42

pack size 1

EAN 4021267012403

ECLASS 6.1 27141146
ECLASS 7.1 27141146
ETIM 4.0 EC000001
ETIM 5.0 EC000001

Approvals

Standards

IEC 61439-1:2020
IEC 60999-1:1999
IEC 60999-2:2003
UL 508

Approvals

CSA , UL , DNV GL



for UL feeder circuits >250V

type number: 240-L

UL file: E123577, UL category (for USA): NMTR <https://www.ul.com>
UL file: E123577, UL category (for Canada): NMTR7 <https://www.ul.com>
CSA file: 110285, CSA class: 3211-37 <https://directories.csa-international.org>
CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2020
IEC 60999-1:1999
IEC 60999-2:2003

Electrical data IEC

rated current (IEC): 175 A
rated voltage (IEC) AC: 800 V

rated surge voltage U_{imp} : 6 kV

rated peak withstand current I_{pk} max.: 40.5 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 1.9 W.

(The power dissipation at full load would be 3.0 W.)

Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

max. permitted voltage (IEC) AC: 1000 V

max. permitted voltage (IEC) DC: 1500 V

current capacity (IEC) max.: 300 A

Details UL

Standards

UL 508

for UL feeder circuits >250V

suitable for field-installed conductors

Electrical data UL

rated current (UL): 175 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

SCCR unprotected max.: 10 kA

3 cycles (without OPD) @ 600 V AC

SCCR protected max.: 100 kA

SCCR: 100 kA with JDDZ fuse Class J, CF or T 150 A / 600 V AC

65 kA with any DIVQ/7 circuit breaker 200 A / 480 V AC

Mechanical data

W x H x D: 54 x 200 x 84

weight: 45.1 kg/100

poles: 3-pole

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

Terminal points

cage clamp connection

wire stripping: 25 mm

min. cross-section: 6 mm²

max. cross-section: 50 mm²

rm: 6 - 50 mm²

f: 6 - 50 mm²

f + AE: 6 - 50 mm²

(f + AE may not fit with max. cross-section)

Md min.: 8.0 Nm

Md max.: 10.0 Nm

Not suitable for aluminium cables !

lam. Cu width: 7 - 9 mm

lam. Cu thickness: 4 - 10 mm

number of lam. Cu: 1

min. cross-section UL: AWG 10

max. cross-section UL: AWG 2/0

torque (UL): 71 lb-in

Application notes

Not suitable for aluminium cables !

The insulation performance of the article depends on the installation conditions.

for UL feeder circuits >250V

<https://pim.woehner.de/EN/BR/1000046254>