

## connection terminal plate, 3-pole (01243)



The picture may show a similar product.

### Description

Part No.: **01243 000**

CRITO® 60Classic

connection terminal plate, 3-pole

10 - 120 mm<sup>2</sup>, AWG 6 - 250 MCM, lam. Cu.

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 45

pack size 1

EAN 4021267012434

ETIM 5.0 EC000001

ETIM 8.0 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: 243-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): 250 A

rated voltage (IEC) AC: 690 V

rated surge voltage  $U_{imp}$ : 6 kV

rated peak withstand current  $I_{pk}$  max.: 56.3 kA  
rated short-time withstand current  $I_{CW}$  (0.1 s) max.: 22 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 3.8 W.

(The power dissipation at full load would be 6.0 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.: 440 A

### Details UL

#### Standards

UL 508

for UL feeder circuits >250V

suitable for field-installed conductors

### Electrical data UL

rated current (UL): 250 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

for wires UL: Cu 75°C

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 600 A / 480 V AC

50 kA with any DIVQ/7 circuit breaker 600 A / 480 V AC

35 kA with any DIVQ/7 circuit breaker 600 A / 600 V AC

100 kA with JDDZ fuse Class J 500 A / 600 V AC

65 kA with any DIVQ/7 circuit breaker 400 A / 480 V AC

## Mechanical data

W x H x D: 81 x 200 x 84  
weight: 53.5 kg/100  
poles: 3-pole  
for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

## Terminal points

cage clamp connection

screw drive: S4  
wire stripping: 25 mm  
min. cross-section: 10 mm<sup>2</sup>  
max. cross-section: 150 mm<sup>2</sup>  
re: 10 - 10 mm<sup>2</sup>  
rm: 16 - 150 mm<sup>2</sup>  
f: 16 - 120 mm<sup>2</sup>  
f + AE: 10 - 120 mm<sup>2</sup>  
(f + AE may not fit with max. cross-section)

Md min.: 12.0 Nm

Md max.: 12.5 Nm

Not suitable for aluminium cables !

Terminal space: 15 x 17

lam. Cu width: 12 - 15.5 mm

lam. Cu thickness: 4 - 10 mm

number of lam. Cu: 1

min. cross-section UL: AWG 8

max. cross-section UL: MCM 250

torque (UL): 106 lb-in

for wires UL: Cu 75°C

## Material properties

halogen-free: Yes

## Application notes

Not suitable for aluminium cables !

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

for UL feeder circuits >250V

considering the permitted temperature rise at the concrete installation conditions a capacity of 400

A is accepted by UL

# Accessories

covers



**01301 000**

single cover for terminals  
for terminal plate 01243

<https://pim.woehner.de/EN/EN/1000046292>