

universal conductor terminal (01068)



The picture may show a similar product.

Description

Part No.: **01068** 000

CRITO®

universal conductor terminal

16 - 120 mm², AWG 6 - 250 MCM

for busbars flat busbars 5 mm

System

60Classic, 30Compact 3P

Advantages of the product

Terminal with integrated holding spring, captive clamping screw and opened terminal space.

Indication of nominal cross-section and tightening torque noted on the terminal.

Product group 07

Subgroup 18

pack size 25

EAN 4021267010683

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



type number: 524

UL file: E123577, UL category (for USA): NMTR2 <https://www.ul.com>

UL file: E123577, UL category (for Canada): NMTR8 <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 peak withstand current I_{pk} max.: 27.7 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 0.0 W.

(The power dissipation at full load would be 0.0 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

min. permitted operation temperature -40°C

Details UL

Standards

UL 508

suitable for field-installed conductors

Electrical data UL

rated current (UL): 255 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

SCCR: 18 kA

Mechanical data

W x H x D: 24 x 36 x 55

weight: 10.6 kg/100

for busbars: flat busbars 5 mm

Terminal points

screw clamp connection

screw drive: SW17
min. cross-section: 16 mm²
max. cross-section: 120 mm²
rm: 16 - 120 mm²
f: 16 - 120 mm²
f + AE: 16 - 120 mm²
(f + AE may not fit with max. cross-section)

Md min.: 12.0 Nm

Md max.: 18.0 Nm

Not suitable for aluminium cables !

Terminal space: 17 x 15

lam. Cu width: 13 - 16 mm

lam. Cu thickness: 3 - 10 mm

number of lam. Cu: 1

min. cross-section UL: AWG 6

max. cross-section UL: MCM 250

Material properties

halogen-free: Yes

Application notes

Not suitable for aluminium cables !

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

The suitability for feeder circuits (meeting the required feeder spacings) depends on the installation conditions.

Accessories

covers



01413 000

cover cap, 3-pole

84 mm wide

84 x 200 x 55

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

<https://pim.woehner.de/EN/EN/1000045519>