

universal conductor terminal (01287)



The picture may show a similar product.

Description

Part No.: 01287

CRITO[®]

universal conductor terminal

16 - 70 mm², AWG 14 - 2/0

for busbars flat busbars 5 mm

System

30Compact 3P

60Classic

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 12

pack size 25
EAN 4021267012878

catalog page 2020 : 2.2, 3.6

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

Approvals

Standards

IEC 61439-1:2011
IEC 60999-1:1999
IEC 60999-2:2003
UL 508

Approvals

CSA , UL , DNV GL , EAC



type number: 523
EAC Type: TE-U

UL file: E123577, UL category (for USA): NMTR2 <http://www.ul.com>
UL file: E123577, UL category (for Canada): NMTR8 <http://www.ul.com>
CSA file: 110285, CSA class: 3211-37 <http://directories.csa-international.org>
CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2011
IEC 60999-1:1999
IEC 60999-2:2003

Electrical data IEC

Rated current (IEC): 175 A
rated voltage (IEC) AC: 690 V
max. permitted voltage (IEC) AC: 1000 V

max. permitted voltage (IEC) DC: 1500 V

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

rated peak withstand current I_{pk} max.: 46.7 kA
rated short-time withstand current I_{CW} (1.0 s) max.: 11.1 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.

current capacity (IEC) max.: 400 A

Details UL

Standards

UL 508

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

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

Mechanical data

W x H x D: 21 x 32 x 42

weight: 7.1 kg/100

for busbars: flat busbars 5 mm

Terminal points

min. cross-section: 16 mm²

max. cross-section: 70 mm²

Terminal space: 14 x 14

Md min.: 8.0 Nm

Md max.: 12.0 Nm

Not suitable for aluminium cables !

16 - 70 mm² / AWG 4 - AWG 2/0

flexible cables, directly or with wire-end ferrule,

solid round cables,

lam. Cu 2x 3 x 9 x 0.8 or 6 x 9 x 0.8 or 6 x 13 x 0.5

(flexible cables of maximum cross-section may not fit when using wire-end ferrule)

Accessories



01413

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



01590

cover cap, 3-pole

54 mm wide

54 x 200 x 55

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