

universal conductor terminal (01287)



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

Product group 07

Subgroup 12

pack size 25

EAN 4021267012878

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.

Katalogseite US US 2019 : 2.2, 3.6

eCl@ss 6.1 27141146

eCl@ss 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

GB/T 7251.1

Approvals

CSA , UL , DNV GL



type number: 523

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

Product data

Details IEC

Standards

IEC 61439-1:2011

IEC 60999-1:1999

IEC 60999-2:2003

GB/T 7251.1

Electrical data IEC

Rated current (IEC): 175 A

rated voltage (IEC) AC: 690 V

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

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% of the rated current results to 0 W.

(The power dissipation for operation with rated current would be 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.: 400 A

rated peak withstand current I_{pk} max.: 46.7 kA

Details UL

Standards

UL 508

Electrical data UL

rated current (UL): 175 A

rated voltage (UL) AC: 600 V

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

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)

Material properties

Connecting screws: hexagon head cap screw M8

length across flats 13

galvanized, chromized

Terminal body: steel, galvanized and chromized

Retaining spring: corrosion-resistant spring steel

Version

Part no. 01 292 for 10mm thick busbars, double-T and triple-T section

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