

## universal conductor terminal (01287)



The picture may show a similar product.

### Description

Part No.: **01287**000

CRITO<sup>®</sup>

universal conductor terminal

16 - 70 mm<sup>2</sup>, AWG 6 - 2/0

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

### Approvals

CSA , UL , DNV GL



type number: 523

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): 175 A  
rated voltage (IEC) AC: 690 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.

max. permitted voltage (IEC) AC: 1000 V

max. permitted voltage (IEC) DC: 1500 V

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 mm <sup>2</sup>
max. cross-section:	70 mm <sup>2</sup>
Terminal space:	14 x 14
Md min.:	8.0 Nm
Md max.:	12.0 Nm

Not suitable for aluminium cables !

16 - 70 mm<sup>2</sup> / 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)

<https://pim.woehner.de/EN/EN/1000045495>