

## brace terminal (01760)



The picture may show a similar product.

## Description

Part No.: 01760

CRITO<sup>®</sup>

brace terminal

Cu / Al 95 - 300 mm<sup>2</sup>

for busbars 20, 25, 30 x 5, 10 and section busbars

### System

60Classic

100Energy

185mm-System

centre feed unit

**Product group** 07

**Subgroup** 25

**pack size** 3

**EAN** 4021267017606

catalog page 2020 : 3.6, 5.1, 5.3

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 , EAC



type number: 529  
 EAC Type: TE-B

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  
 GB/T 7251.1

### Electrical data IEC

Rated current (IEC): 500 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.: 26.1 kA

### 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.: 600 A

rated peak withstand current  $I_{pk}$  max.: 81.4 kA

### Details UL

#### Standards

UL 508

suitable for field-installed conductors

### Electrical data UL

rated current (UL): 420 A

rated voltage (UL) AC: 600 V

SCCR: 25 kA

### Mechanical data

W x H x D: 41 x 51 x 86

weight: 42.5 kg/100

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

Anzugsdrehmoment 30 Nm

**Terminal points**

for applications acc. to IEC / EN :

Cu 95 - 300 mm<sup>2</sup> stranded round cables and stranded sectored cables as well as flexible cables (directly)

Cu 240 - 300 mm<sup>2</sup> fine stranded flexible cables (directly)

Al 120 - 300 mm<sup>2</sup> stranded round cables and stranded sectored cables

Al 120 - 240 mm<sup>2</sup> solid sectored cables

for applications acc. to UL / CSA :

Cu 95 - 300 mm<sup>2</sup> / AWG 3/0 - MCM 600

Suitable for aluminium cables.

Connections with aluminium cables are not maintenance-free.

**Material properties**

Connecting screws: Set screw M16, Allan key size 8

Terminal body: steel, galvanized and chromized

cable base: brass, tin plated



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