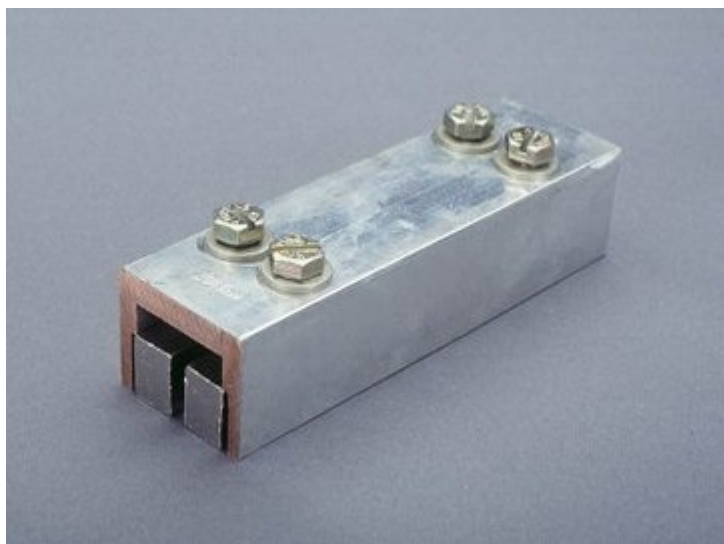


busbar connecting terminal 1600 A (01829)



The picture may show a similar product.

Description

Part No.: 01829

busbar connecting terminal 1600 A

150 mm long

for busbars double-T section

System

60Classic

185mm-System

Product group 07

Subgroup 33

pack size 3

EAN 4021267018290

catalog page 2020 : 3.9

eCl@ss 6.1 27400606
eCl@ss 7.1 27400606
ETIM 4.0 EC000713
ETIM 5.0 EC000713

Approvals

Standards

IEC 61439-1:2011
GB/T 7251.1

Approvals

UL, EAC



for UL feeder circuits >250V

type number: LVH-L
EAC Type: TE-C

UL file: E123577, UL category (for USA): NMTR <http://www.ul.com>
UL file: E123577, UL category (for Canada): NMTR7 <http://www.ul.com>
CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2011
GB/T 7251.1

Electrical data IEC

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.: 51.4 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % of the rated current results to 6.8 W.

(The power dissipation for operation with rated current would be 10.6 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.: 1600 A

rated peak withstand current I_{pk} max.: 72.7 kA

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 1400 A

SCCR: 45 kA

for a UL-compliant design of the longitudinal busbar connector, the UL separator set 01362 must be used

Mechanical data

W x H x D: 150 x 44 x 43

weight: 146.1 kg/100

for busbars: double-T section

4 clamp screws M8

tightening torque 20Nm

permitted busbar displacement: 5
permitted spacing between systems: 100 - 110 mm

Material properties

Screws: Hexagon screw M8, length across flats 13

Terminal body: Cu-ETP R300 (EN 13601), tinned

Terminal body: Cu section, nickel-plated, for bridging the system separation, screws: hexagonal screws M8 with slot, galvanised, chromited

Reference

Max. permitted busbar offset 5mm, 3 units are needed for a 3-pole connection.

Accessories



01362

Set of phase separators for UL installation, 3-pole
for longitudinal connecting terminals 01886, 01829, 01275
200 mm



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