

flexible copper busbar, plain, insulated (01 509)

Description

Article

Part No.: 01 509

flexible copper busbar, plain, insulated

1244 A, 2 m long

10 x 50 x 1

System

60Classic

100Energy

185Power

centre feed unit

Product group 06

Subgroup 81

pack size 1

EAN 4021267015091

Advantages of the product

The laminated Cu busbars considerably reduce the effort of connecting busbars. The bending devices required for solid copper busbars are unnecessary. The 2mm-thick insulation means that no additional covering is required.

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eCl@ss 6.1 27370303

eCl@ss 7.1 27370303

ETIM 4.0 EC001522

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Approvals

Standards

IEC 61439-1:2011

Approvals

UL, Germanischer Lloyd



for UL feeder circuits >250V

Type number: 10x50x1

UL file: E197039, UL category (for USA): QEUY2 <http://www.ul.com>

UL file: E197039, UL category (for Canada): QEUY8 <http://www.ul.com>

CCC approval: no certification required

Product data

Electrical data

Rated current (IEC): 1,244 A

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 83.5 W.

(The power dissipation for operation with rated current would be 130.4 W.)

short-circuit withstandability: see product description of the used busbar support

the current carrying capacity as a function of temperature can be calculated in the section "Technics"

Mechanical data

L x W x D: 2000 x 54 x 14

Weight: 932 kg/100

cross-section: 500 mm²

10-layer, 50 x 1mm, 2m long

Material properties

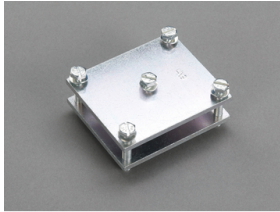
Insulation: temperature withstand up to 105 °C

- self-extinguishing, V0 according to UL 94
- breakdown voltage 20 kV
- stretching 370 %

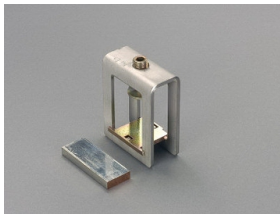
Accessories



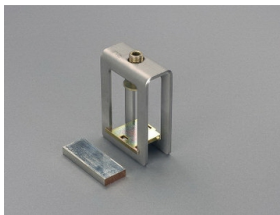
01 303
holder for flexible copper



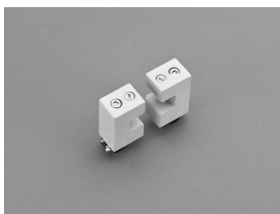
01 617
flat terminal
connection of width 63 and 50
for flat busbars



01 906
CRITO[®]
profile terminal
terminal space 51 x 5-28
for double T profile



01 936
CRITO[®]
profile terminal
terminal space 51 x 20-42
for double T profile



01 298
holder for flexible copper
for 1x lam. Cu of 6 x 15.5 x 0.8 to 10 x 63 x 1