

flexible copper busbar, plain, insulated (01255)



The picture may show a similar product.

Description

Part No.: **01255 000**

flexible copper busbar, plain, insulated

6x 24 x 1

547 A, length 2 m

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.

Product group 06

Subgroup 81

pack size 1

EAN 4021267012557

ETIM 5.0 EC001522

ETIM 8.0 EC001522

ETIM 10.0 EC001522

Approvals

Standards

IEC 61439-1:2020

UL 758

UL 67

Approvals

UL



for UL feeder circuits >250V

type number: 6x24x1

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

UL file 2: E481423, UL category+ (for USA): AVLV2 <https://www.ul.com>

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

CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2020

Electrical data IEC

rated current (IEC): 547 A

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 56.0 W.

(The power dissipation at full load would be 87.5 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.

current at 30 K: 402 A
:
current at 40 K: 479 A
current at 50 K: 547 A
:
current at 60 K: 608 A
current at 70 K: 664 A

Details UL

Standards

UL 758

UL 67

for UL feeder circuits >250V

capacity at 50 K: 590 A

Mechanical data

W x H x D: 28 x 10 x 2000

weight: 270.0 kg/100

cross-section: 144 mm²

Material properties

halogen-free: Yes

Application notes

see product description of the used busbar support
capacity depending on the permitted temperature rise of flexible copper busbar without impact of additional heat sources:

notice the temperature stability of the insulation of 105 °C
take conductors with required cross-section for connection to the products and devices (acc. to relevant standards or manufacturer instructions)
for UL feeder circuits >250V

Accessories

accessories for mounting



01303 000

holder for flexible copper
for 1 layer lam. Cu



01298 000

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

<https://pim.woehner.de/EN/EN/1000044685>