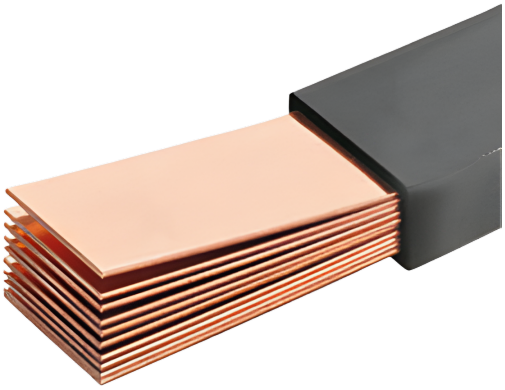
wöhner

flexible copper busbar, plain, insulated (01196)



The picture may show a similar product.

Description

Part No.: **01196** 000
flexible copper busbar, plain, insulated
4x 15.5 x 0.8
279 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	4021267011963

ETIM 5.0	EC001522
ETIM 8.0	EC001522

Approvals

Standards
IEC 61439-1:2020
UL 758
UL 67

Approvals
UL

for UL feeder circuits >250V

type number: 4x15,5x0,8

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): 279 A

power dissipation of the article:
The power dissipation at a typical load of 80 % results to 42.3 W.
(The power dissipation at full load would be 66.1 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 : 205 A
current at 40 K: 244 A
current at 50 K : 279 A
current at 60 K: 310 A
current at 70 K: 339 A

Details UL

Standards

UL 758
UL 67

for UL feeder circuits >250V

capacity at 50 K: 295 A

Mechanical data

W x H x D: 20 x 7 x 2000
weight: 92.8 kg/100
cross-section: 49.6 mm^2

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

https://pim.woehner.de/EN/EN/1000044669

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