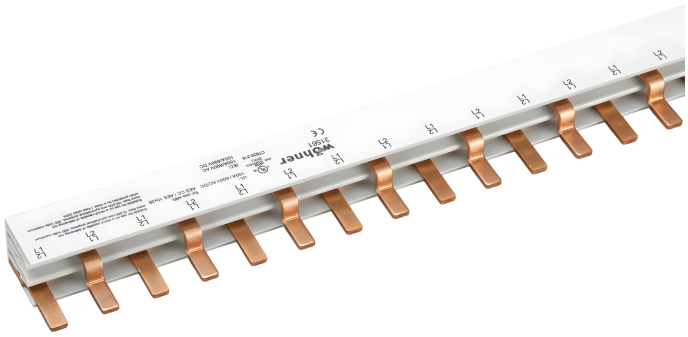
wöhner

comb-type busbar, 2-pole, bridge type, pitch 18 mm (31561)



The picture may show a similar product.

Description

Part No.: **31561** 000
comb-type busbar, 2-pole, bridge type, pitch 18 mm
100 A, 1 m long
25 mm²

Product group 06
Subgroup 95

pack size 10
EAN 4021267315610

ETIM 5.0 EC000215
ETIM 8.0 EC000215
ETIM 10.0 EC000215

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Approvals

Standards
IEC 61439-1:2020
UL 508

Approvals
UL


for UL feeder circuits >250V

type number: CTB25-318

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

Technical data

Details IEC
Standards
IEC 61439-1:2020

Electrical data IEC
rated current (IEC): 100 A
rated voltage (IEC) AC: 690 V

rated voltage (IEC) DC: 600 V

rated surge voltage U_{imp} : 4 kV

power dissipation of the article:
The power dissipation at a typical load of 80 % results to 1.8 W.
(The power dissipation at full load would be 2.8 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 carrying capacity for centre feed: 200 A

UL / CSA :
480V AC, with AES CC or AES 10x38 also 600V AC
100A for side feed
200A for centre feed

SCCR = 10kA
SCCR = 100kA for Class J 200A fuse

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 100 A
rated voltage (UL) AC: 600 V
rated frequency (UL): 50 / 60 Hz
rated voltage (UL) DC: 600 V

SCCR unprotected max.: 10 kA
3 cycles (without OPD) @ 600 V AC

SCCR: 100 kA with fuse Class J 200 A

Mechanical data

W x H x D: 997 x 23 x 22
weight: 81.0 kg/100
cross-section: 25 mm²

Material properties

halogen-free: Yes

Application notes

for UL feeder circuits >250V

Accessories

connection accessories



31550 000
connection terminal, front connection
6 - 35 mm²
for: 31549, 31561



31562 000
feeder module 1-pole
dircet feeding of the comb-type busbar
2,5 - 50 mm² / AWG 14 - 1
for: 31548, 31549, 31561

covers



31552 000
end cap
for 2-pole and 3-pole comb-type busbars 25 mm²

https://pim.woehner.de/EN/EN/1000045416

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