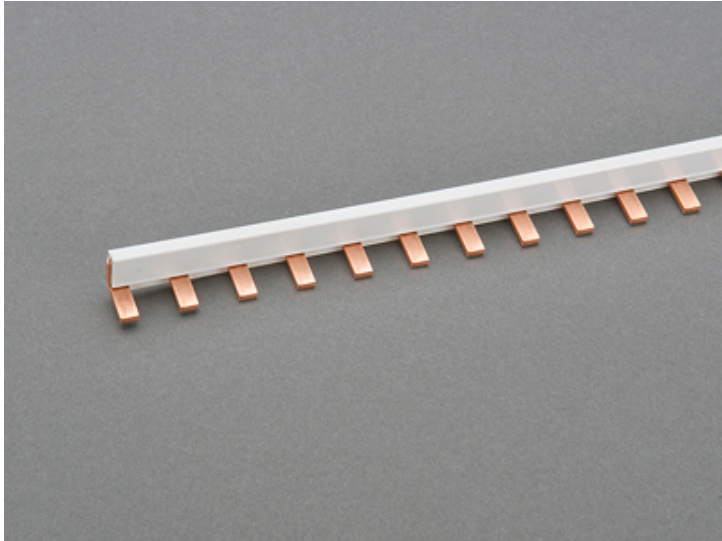


comb-type busbar, 1-pole, bridge type, pitch 18 mm  
(31548)



The picture may show a similar product.

## Description

Part No.: **31548**000

comb-type busbar, 1-pole, bridge type, pitch 18 mm

100 A, 1 m long

25 mm<sup>2</sup>

**Product group** 06

**Subgroup** 95

**pack size** 10

**EAN** 4021267315481

**ECLASS 6.1** 27371306

**ECLASS 7.1** 27371306

**ETIM 4.0** EC000215

**ETIM 5.0** EC000215

# Approvals

## Standards

IEC 61439-1:2020

UL 508

## Approvals

UL



for UL feeder circuits >250V

type number: CTB25-118

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: 1000 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 5 x 15

weight: 47.5 kg/100

cross-section: 25 mm<sup>2</sup>

## Application notes

The insulation performance of the article depends on the installation conditions.

**Reference** terminal 31 039 is to be used to feed power  
for UL feeder circuits >250V

<https://pim.woehner.de/EN/EN/1000045397>