

## universal busbar support (01430)



The picture may show a similar product.

### Description

Part No.: **01430 000A**

universal busbar support

for busbars 30, 40, 60, 80, 100, 120 x 10

### System

185Power

**Product group** 06

**Subgroup** 24

**pack size** 4

**EAN** 4021267014308

**ECLASS 6.1** 27400607

**ECLASS 7.1** 27400607

**ETIM 4.0** EC001166

**ETIM 5.0** EC001166

# Approvals

## Standards

IEC 61439-1:2020

UL 508

## Approvals

UL



for UL feeder circuits >250V

type number: S185-A120

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 voltage (IEC) AC: 800 V

rated frequency (IEC): 50 / 60 Hz

rated isolation voltage  $U_i$  AC: 1000 V

rated surge voltage  $U_{imp}$ : 8 kV

rated peak withstand current  $I_{pk}$  max.: 106 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 0.0 W.

(The power dissipation at full load would be 0.0 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.

max. permitted voltage (IEC) DC: 1500 V

short-circuit capacity IEC / EN :

$I_{pk}$  max. = 106 kA (busbars 120x10, 2 busbar supports in 550 mm distance)

go to calculation for 3-pole system (IEC)

### Details UL

#### Standards

UL 508

for UL feeder circuits >250V

### Electrical data UL

rated voltage (UL) AC: 1000 V

rated frequency (UL): 50 / 60 Hz

rated voltage (UL) DC: 1000 V

SCCR unprotected max.: 50 kA

3 cycles (without OPD) @ 1000 V AC

### Mechanical data

W x H x D: 30 x 583 x 59

weight: 50.0 kg/100

poles: 3-pole

for busbars: 30, 40, 60, 80, 100, 120 x 10

## Application notes

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

Torque with 4Nm for screw M6 or M8 on mounting plate 3mm

for UL feeder circuits >250V

# Accessories

## accessories for mounting



**01421 000A**  
spacer  
set, suitable for 01430

## covers



**01431 000A**  
end cover for busbar support 01430  
set for one left and one right busbar support



**01432 000A**  
centre cover for busbar support 01430  
when using the busbar support as a centre support



**01420 000A**  
system shrouding, rear  
set for busbar support distance 550 mm (centre to centre)



**01436 000A**  
system shrouding, rear  
set for busbar support distance 700 mm (centre to centre)

<https://pim.woehner.de/EN/INT/1000155636>