

# Insulated Bus Bar



## Description

Insulated bus bar kit for the power supply in housings and cabinets.

The features of the bus bars:

- ✓ High current capacity up to 120 A.
- ✓ Safe against accidental hand contact up to 500 V in accordance with VDE 0106.
- ✓ The protective profile makes the bus bar safe against accidental finger contact up to 220 V in accordance with VDE 0470.
- ✓ Deliverable in any desired length.
- ✓ With a width of 25 mm, 3-pole use is possible.
- ✓ Insulating materials in accordance with the stipulations of VDE 0606.

Two connection versions are available:

### 1. Connection version A:

Alternating terminal lugs for A 6.3 x 0.3 flat push-on connectors and screw attachment

### 2. Connection version B:

Alternating terminal lugs for A 6.3 x 0.3 flat push-on connectors and double terminal lugs for A 2.8 x 0.8 flat push-on connectors or one A 6.3 x 0.8 flat push-on connector. Intermediate lengths can be produced by simply sawing.

## Technical data

Number of poles	2- or 3-pole
Connection version A	A 6.3 x 0.8 DIN 46244/connection Ø 4.2 mm
Connection version B	A 6.3 x 0.8 / 2 x A 2.8 x 0.8 DIN 46244
Utilization category	-25 °C, +70°C, no condensation
Phase current	120 A at an ambient temperature of 20 °C; 80 A at 55 °C; 70 A at 70 °C
Max. operating voltage	500 V
Insulation class	group C in accordance with DIN/VDE 0110
Test voltage	3.1 kV
Amp capacity at 20°C	25 A per pin connection A 6.3 x 0.8
Material	bus bar: E-Cu F 37, hot-dip tinned insulating body: Hostacom x 4301, gray end cap: PC, black mounting parts: steel, galvanized yellow chromated
Fire protection class	insulating UL 94-V-0

## Delivery

assembled

## Kit consists of:

Rails  
1 Plastic body  
2 End caps  
Mounting parts

## Accessories

	order no. 409.
Mounting parts 401 (2 position points)	065 430
Mounting parts from 1600 mm (4 position points)	059 270
Connection lug 100 A	057 680

## Ordering details for kits

	nom. length [mm]	for cabinet height	A 2poles order no. <b>409.</b>	A 3poles order no. <b>409.</b>	B 2poles order no. <b>409.</b>	B 3poles order no. <b>409.</b>
Bus bar 100 A-	401	-	-	<b>061 443</b>	-	<b>080 695</b>
Bus bar 100 A-	1600	1800	<b>062 093</b>	<b>058 447</b>	-	<b>080 939</b>
Bus bar 100 A-	1800	2000	<b>062 094</b>	<b>058 449</b>	<b>080 696</b>	<b>080 941</b>
Bus bar 100 A-	2000	2200	<b>062 095</b>	<b>058 451</b>	<b>080 697</b>	<b>080 943</b>