

Part no. **CU30X10**
 Article no. **051211**

Delivery program

Product range			60 mm system
Accessories			Flat copper bars
Single unit/Complete unit			Modular system
Description			Flat copper busbars
Surface finish			Untreated
Rated operational current	I_e	A	630
Length		mm	1500
For use with			SH1005/4
Cu factor		kg	4,02

Copper busbars

Width		mm	30
Height		mm	10
Interval between busbar centres		mm	60
Material			Copper, non-insulated

Notes

Calculating material allowance → General information chapter

Selecting the busbar cross-section and the device to be used → Engineering chapter

Technical data

General

Standards			EN 13061, UL 508
Ambient temperature			
Operating ambient temperature max.		°C	+ 35
Interval between busbar centres		mm	60

Contacts

Interval between busbar centres		mm	60
Rated uninterrupted current			With temperature deviations, DIN 43671 stipulates that a correction factor k2 must be taken into account
Rated uninterrupted current	I_u	A	
$T_u = 35\text{ °C}$ and $T_s = 65\text{ °C}$			
with 12 x 5 mm bar	I_u	A	200
with 20 x 5 mm busbar	I_u	A	320
with 30 x 5 mm bar	I_u	A	450
with 12 x 10 mm bar	I_u	A	360
with 20 x 10 mm busbar	I_u	A	520
with 30 x 10 mm busbar	I_u	A	630

Electrical data

Rated operational current	I_e	A	630
---------------------------	-------	---	-----

Material characteristics

Material			Copper, non-insulated
Surface finish			Untreated

Notes

For rated uninterrupted current I_u of the contact the following applies: according to DIN 43671 correction factor k2 must be taken into account in case of different temperatures.

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature max.		°C	35

