

Copper busbar, 20x10x2250mm, tinned

Part no. CU20X10-2250
 Catalog No. 009839

EL-Nummer 0001711011
 (Norway)

Delivery program

Product range			60 mm system
Accessories			Flat copper bars
Single unit/Complete unit			Modular system
Description			Flat copper busbars
Surface finish			Tinned
Rated operational current	I_e	A	400
Length		mm	2250
For use with			SH0635/4 SH0632
Cu factor		kg	4,01

Copper busbars

Width		mm	20
Height		mm	10
Interval between busbar centres		mm	60
Material			Copper, tinned

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
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 k_2 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	460
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Material characteristics

Material			Copper, tinned
Surface finish			Tinned

Notes

For rated uninterrupted current I_u of the contact the following applies: according to DIN 43671 correction factor k_2 must be taken into account in case of different temperatures.

Design verification as per IEC/EN 61439

Technical data for design verification			
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Operating ambient temperature max.	°C	35
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Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Busbar (EC001522)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar (low-voltage switching technology) (ecI@ss10.0.1-27-37-03-03 [ACN949011])		
Rated current In	A	400
Model		Flat
Length	mm	2250
Width	mm	20
Height	mm	10
Flexible		No
Surface protection		Tinned