

**Copper busbar, 20x10x2250mm, tinned**

**Part no.** CU20X10-2250  
**Catalog No.** 009839

**EL-Nummer (Norway)** 1711011

**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	460
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 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	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 k2 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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## 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 I <sub>n</sub>	A	460
Model		Flat
Length	mm	2250
Width	mm	20
Height	mm	10
Flexible		No
Surface protection		Tinned