Copper busbar, 20x5x2250mm, tinned

Powering Business Worldwide\*

Part no. CU20X5-2250 Catalog No. 007466

EL-Nummer (Norway)

1711005

## **Delivery program**

Accessories Single unit/Complete unit Description Surface finish Rated operational current Length For use with Copper busbars Width Height Height Interval between busbar centres  Flat copper bars Modular system Modular system Flat copper busbars Flat copper busbars Flat copper busbars Flat copper busbars  Flat copper busba	- 1 P - 3			
Single unit/Complete unit  Description  Surface finish  Rated operational current  Length  For use with  Copper bushars  Width  Height  Height  Interval between busbar centres  Modular system  Modular system  Flat copper busbars  Tinned  250  mm  2250  SH0635/4 SH0632  2,00  Copper bushars  Width  mm  20  Gold  Modular system  Modular system  Modular system  Modular system  Flat copper busbars  Tinned  SH0635/4 SH0635/4 SH0632  Copper bushars  Width  mm  20  Gold  Modular system  Modular system  Modular system  Flat copper busbars  Tinned  SH0635/4 SH0635/4 SH0632  SH0635/4 SH0635/4 SH0635/4 SH0632  SH0635/4	Product range			60 mm system
Description Surface finish Rated operational current Length For use with Copper busbars  Width Height Height Interval between busbar centres  Flat copper busbars Tinned Tinned  250  250  250  250  250  250  250  25	Accessories			Flat copper bars
Surface finish Rated operational current  Length For use with Copper busbars Width Height Height Interval between busbar centres  Tinned Tinned Tinned Tinned Tinned Tinned Tinned Tinned Tinned Tone Tone Tone Tone Tone Tone Tone Tone	Single unit/Complete unit			Modular system
Rated operational current Length For use with Cu factor Width Width Height Interval between busbar centres  I e  Mm M M M M M M M M M M M M M M M M M	Description			Flat copper busbars
Length For use with Cu factor Width Mm W  2250  Mg 2,00  Copper busbars Width Mm W  20  Height Mm M  5  Mm  60	Surface finish			Tinned
For use with SH0635/4 SH0632  Cu factor kg 2,00  Copper bushars Width mm 20 Height mm 5 Interval between bushar centres mm 60	Rated operational current	l <sub>e</sub>	Α	250
Cu factor kg 2,00  Copper busbars  Width mm 20 Height mm 5 Interval between busbar centres mm 60	Length		mm	2250
Copper busbars Width mm 20 Height mm 5 Interval between busbar centres mm 60	For use with			
Widthmm20Heightmm5Interval between busbar centresmm60	Cu factor		kg	2,00
Height mm 5 Interval between busbar centres mm 60	Copper busbars			
Interval between busbar centres mm 60	Width		mm	20
	Height		mm	5
Material Copper, tinned	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  $\Longrightarrow$  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 <sub>u</sub>	Α				
$T_u = 35~^{\circ}\text{C}$ and $T_s = 65~^{\circ}\text{C}$						
with 12 x 5 mm bar	I <sub>u</sub>	Α	200			
with 20 x 5 mm busbar	Iu	Α	320			
with 30 x 5 mm bar	I <sub>u</sub>	Α	450			
with 12 x 10 mm bar	Iu	Α	360			
with 20 x 10 mm busbar	Iu	Α	520			
with 30 x 10 mm busbar	Iu	Α	630			
Electrical data						

Rated operational current I<sub>e</sub> A 250

#### **Material characteristics**

Material Copper, tinned
Surface finish Trinned

#### 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**

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