# Copper busbar, 30x10x1500mm, untreated

Powering Business Worldwide

Part no. CU30X10 Catalog No. 051211

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Accessories Single unit/Complete unit Description Surface finish Rated operational current Length For use with Cu factor Copper busbars Width Height  Flat copper bars Modular system Modular system Industry State opper busbars Untreated Untreated Vintreated Vintrea	7.1 0			
Single unit/Complete unit  Description Surface finish Rated operational current Length For use with Cu factor Copper busbars Width Height  Modular system Modular system Ital copper busbars Untreated A 630  630  540  630  630  630  630  630  640  640  6	Product range			60 mm system
Description Surface finish Rated operational current Legth For use with Cu factor Width Height  Flat copper busbars Untreated Untreated 1500 Flat copper busbars SH1005/4  Flat copper busbars  Flat copper busbars  Untreated  4 00  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  None  Flat copper busbars  Flat copper busbars  None  Flat copper b	Accessories			Flat copper bars
Surface finish Rated operational current  Length For use with Cu factor Width Height  Length	Single unit/Complete unit			Modular system
Rated operational current Length For use with Cu factor Width Width Height  A 630  SH1005/4  SH1005/4  Cupper busbars  mm 30  mm 10	Description			Flat copper busbars
Length         mm         1500           For use with         SH1005/4           Cu factor         kg         4,00           Copper busbars           Width         mm         30           Height         mm         10	Surface finish			Untreated
For use with SH1005/4 Cu factor kg 4,00  Copper busbars Width mm 30 Height 10	Rated operational current	le	Α	630
Cu factor kg 4,00  Copper busbars  Width mm 30 Height 10	Length		mm	1500
Copper busbars  Width mm 30 Height mm 10	For use with			SH1005/4
Width mm 30 Height 10	Cu factor		kg	4,00
Height mm 10	Copper busbars			
	Width		mm	30
Interval between busher centres mm 60	Height		mm	10
interval between busban centres	Interval between busbar centres		mm	60
Material Copper, non-insulated	Material			Copper, non-insulated

#### Notes

Calculating material allowance  $\Longrightarrow$  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		

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	I <sub>u</sub>	Α	320
with 30 x 5 mm bar	I <sub>u</sub>	Α	450
with 12 x 10 mm bar	I <sub>u</sub>	Α	360
with 20 x 10 mm busbar	I <sub>u</sub>	Α	520
with 30 x 10 mm busbar	I <sub>u</sub>	Α	630

### **Electrical data**

630 Rated operational current

#### **Material characteristics**

Material	Copper, non-insulated
Surface finish	Untreated

#### **Notes**

For rated uninterrupted current Iu 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

# **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) (ect@ss10.0.1-27-37-03-03 [ACN949011])

(ecl@ss10.0.1-27-37-03-03 [ACN949011])		
Rated current In	А	630
Model		Flat
Length	mm	1500
Width	mm	30
Height	mm	10
Flexible		No
Surface protection		Untreated