DATASHEET - CU12X5-2250

Copper busbar, 12x5x2250mm, tinned

Part no. CU12X5-2250
Catalog No. 005093

Powering Business Worldwide™

Delivery program

Product range			60 mm system Compact system
Accessories			Flat copper bars
Single unit/Complete unit			Modular system
Description			Flat copper busbars
Surface finish			Tinned
Rated operational current	I_e	A	160
Length		mm	2250
For use with			SH0165/2
Cu factor		kg	1,20
Copper busbars			
Width		mm	12
Height		mm	5
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
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 °C and T_s = 65 °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	160

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.

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) (ecl@ss10.0.1-27-37-03-03 [ACN949011])

Rated current In		A	160

Model			Flat
Length		mm	2250
Width		mm	12
Height		mm	5
Flexible			No
Surface protection			Tinned