

## Copper busbar, 12x5x1500mm, tinned

Part no. **CU12X5**  
Catalog No. **034121**

## 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	1500
For use with			SH0165/2
Cu factor		kg	0,80

## 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 $k_2$ 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	160
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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.

## 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) (ec1@ss10.0.1-27-37-03-03 [ACN949011])			
Rated current $I_n$		A	160

Model			Flat
Length		mm	1500
Width		mm	12
Height		mm	5
Flexible			No
Surface protection			Tinned