

Copper busbar, 12x5x2250mm, tinned

Part no. CU12X5-2250  
 Catalog No. 005093

### 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
<b>Copper busbars</b>			
Width		mm	12
Height		mm	5
Interval between busbar centres		mm	60
Material			Copper, tinned
<b>Notes</b>			
Calculating material allowance → General information chapter			
Selecting the busbar cross-section and the device to be used → Engineering chapter			

### Technical data

<b>General</b>			
Standards			EN 13061
Interval between busbar centres		mm	60

<b>Contacts</b>			
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

<b>Electrical data</b>			
Rated operational current	$I_e$	A	160

<b>Material characteristics</b>			
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.