



## Profile busbar, T, cu, 500mm<sup>2</sup>, tin-plated 2.40 m



Powering Business Worldwide™

**Part no.** CU-BAR-500/T  
**Article no.** 107166

### Delivery program

Product range			60 mm system 185 mm system
Subrange			Profiled busbars E-CU double T profile busbars
Material			Copper, tinned
Cross-section		mm <sup>2</sup>	500
Length		mm	2400
Rated operational current	I <sub>e</sub>	A	1250
Cu factor		kg	10,44
For use with			BBS-3/PR, BBS-1/PR, BBS-3/FL-185
<b>Notes</b>			
Current load→[TB_CUBAR_PRO__Current load_P]			

### Technical data

#### General

Standards			EN 13061, UL 508
Interval between busbar centres		mm	60 185

#### Contacts

Interval between busbar centres		mm	60 185
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>	A	
T <sub>u</sub> = 35 °C and T <sub>s</sub> = 65 °C			
with 500 mm <sup>2</sup>	I <sub>u</sub>	A	950
with 720 mm <sup>2</sup>	I <sub>u</sub>	A	1200

#### Electrical data

Rated operational current	I <sub>e</sub>	A	1250
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#### Material characteristics

Material			Copper, tinned
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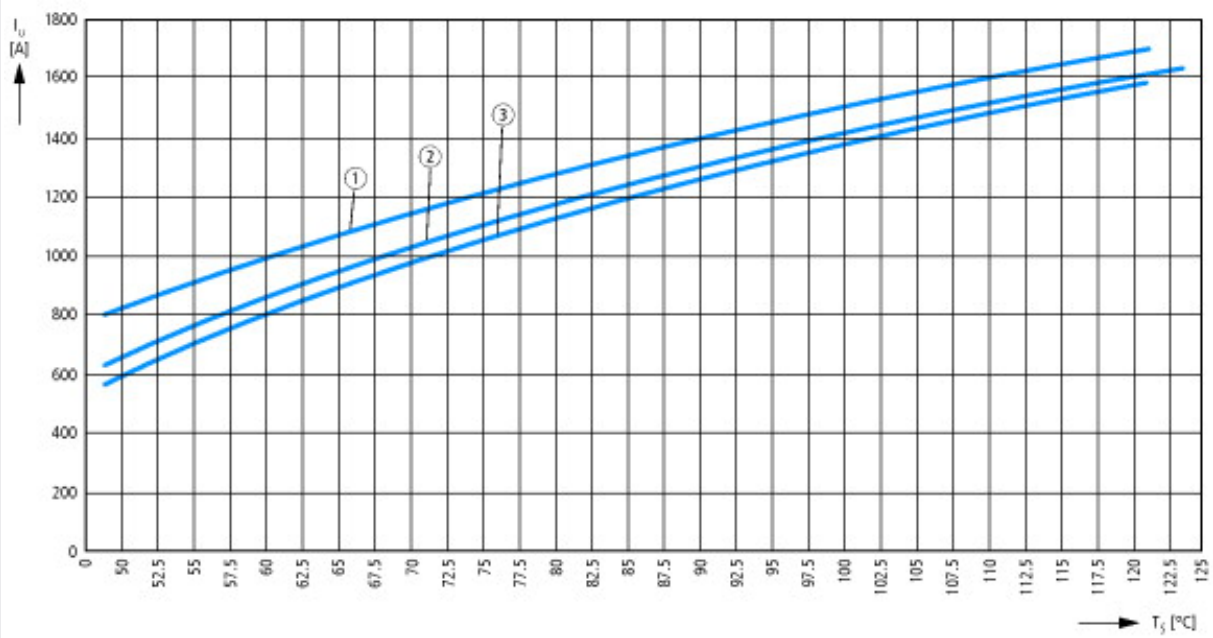
#### Notes

For rated uninterrupted current I<sub>u</sub> of the contact the following applies: according to DIN 43671 correction factor k2 must be taken into account in case of different temperatures.

### Approvals

Product Standards			UL508A; CSA-C22.2 No. 14; IEC 60439-1; CE marking
UL File No.			E300273
UL Category Control No.			NMTR, NMTR7
CSA File No.			236217
CSA Class No.			3211-37
North America Certification			UL listed, CSA certified
Conditions of Acceptability			Refer to approbation report
Specially designed for North America			No
Suitable for			Feeder circuits
Current Limiting Circuit-Breaker			Refer to approbation report
Max. Voltage Rating			600 V AC
Degree of Protection			Feeder circuits

## Characteristics



Ambient temperature:

① 30°C

② 35°C

③ 40°C

$I_u$  = Rated uninterrupted current

$T_s$  = busbar temperature

## Dimensions

