



Profile busbar, T, cu, 500mm², tin-plated 2.40 m

Part no. CU-BAR-500/T
Catalog No. 107166

EL-Nummer (Norway) 2465008

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 ²	500
Length		mm	2400
Rated operational current	I _e	A	1250
Cu factor		kg	10,44
For use with			BBS-3/PR, BBS-1/PR, BBS-3/FL-185
Notes			
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 _u	A	
T _u = 35 °C and T _s = 65 °C			
with 500 mm ²	I _u	A	950
with 720 mm ²	I _u	A	1200

Electrical data

Rated operational current	I _e	A	1250
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Material characteristics

Material			Copper, tinned
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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

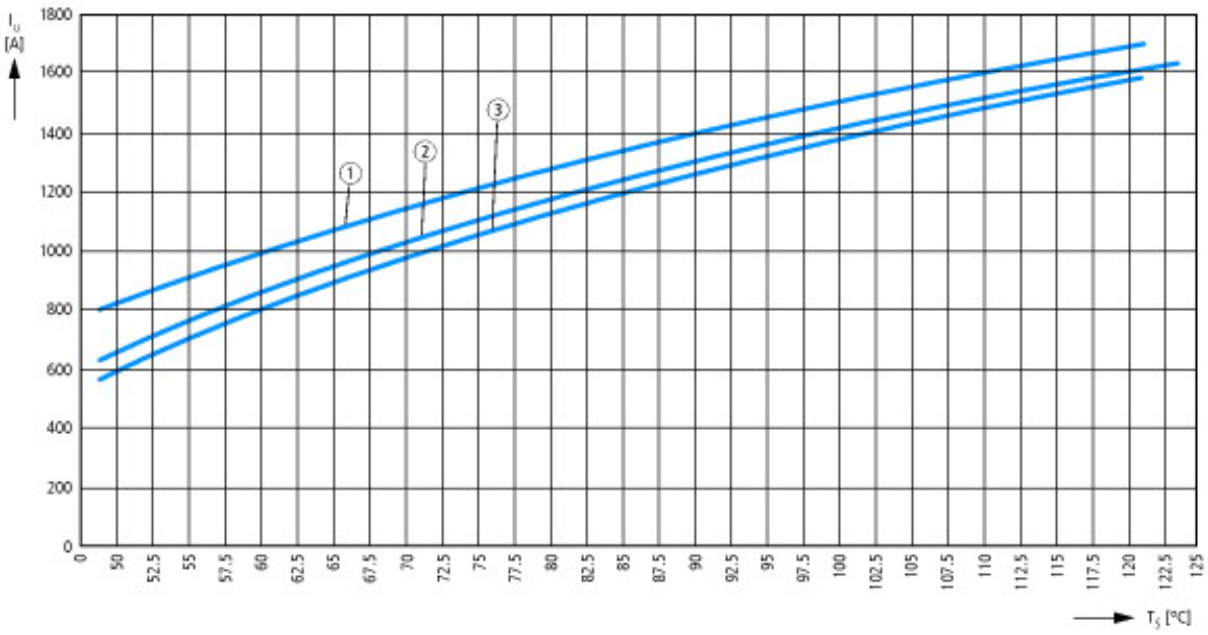
Low-voltage industrial components (EG000017) / Busbar (EC001522)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar (low-voltage switching technology) (ecl@ss10.0.1-27-37-03-03 [ACN949011])			
Rated current I _n		A	1250
Model			Profile
Length		mm	2400
Width		mm	40
Height		mm	30
Flexible			No
Surface protection			Tinned

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

