

Busbar support, 3p, for flat busbars

Part no. **BBS-3/FL-185**
 Catalog No. **107210**

Delivery program

Product range			185 mm system
Basic function			System for profile busbars
Subrange			Busbar supports Double T/Triple T profile busbar carrier
Material			Thermoplast, silicon free, chlorine free Halogen free
Halogen free			yes
Self-extinguishing			to UL 94
Colour			RAL 7035
Track resistance			CTI 200
Temperature resistant			to 120°C
Description			Mounting without holes
Function			Can be fitted with NH-SLS...
Pole			3
Rated operational current	I_e	A	2500
For use with			30 x 10 40 x 10 50 x 10 60 x 10 80 x 10 100 x 10 120 x 10
For use with			Double T profile Triple T profile

Technical data

General

Standards			type-tested to VDE 0660 Part 500, IEC/EN 60439-1
Ambient temperature			
Operating ambient temperature max.		°C	+ 35
Interval between busbar centres		mm	185
Mounting position			Vertical, horizontal

Contacts

Rated operational voltage	U_e	V	690
Rated frequency	f	Hz	50/60
Rated insulation voltage	U_i	V	3000
Interval between busbar centres		mm	185
Distance between busbar supports	a	mm	400
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	
$T_u = 35\text{ °C}$ and $T_s = 65\text{ °C}$			
with 30 x 10 mm busbar	I_u	A	63
with 500 mm ²	I_u	A	950
with 720 mm ²	I_u	A	1200
Busbar temperature		°C	
Busbar temperature max.		°C	70
Short-circuit duration	T	ms	20

Electrical data

Rated frequency	f	Hz	50/60
Rated operational current	I_e	A	2500

Material characteristics

Material			Thermoplast, silicon free, chlorine free Halogen free
Colour			RAL 7035
Flammability characteristics			Self-extinguishing to UL 94
Track resistance			CTI 200
Temperature resistant			to 120°C

Notes

For different intervals between busbar supports see characteristic curve.

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature max.		°C	35

Technical data ETIM 8.0

Energy distribution systems (EG000015) / Busbar support (EC001166)			
Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Busbar support (ecl@ss10.0.1-27-40-06-07 [AC0377011])			
Number of poles			3
Max. rated current		A	2500
Busbar distance		mm	185