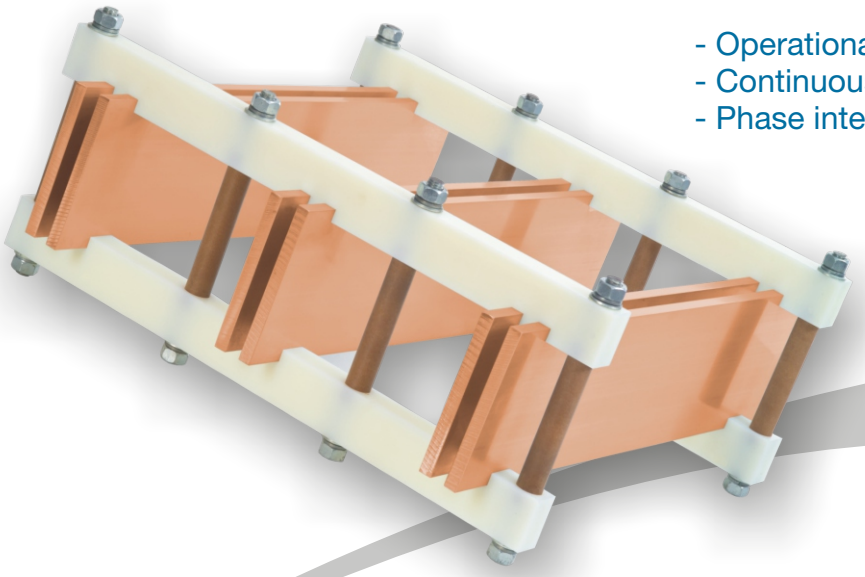
SH 185/12

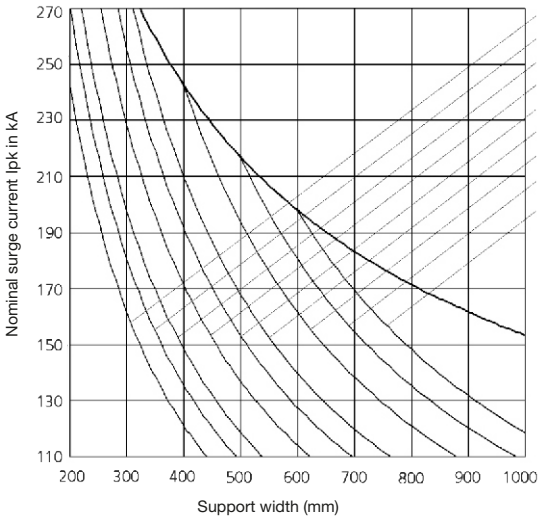
Busbar supports
made of thermoplast



- Operational alternating current 1000 Volt
- Continuous current exceeding 3500 A
- Phase interval 185 mm

Article number	Colour
011650	Natural

Short-circuit resistance of SH 185



1x 40x10
1x 50x10
1x 60x10
1x 80x10 / 2x 40x10
1x 100x20 / 2x 50x10
1x 120x10 / 2x 60x10
2x 80x10
2x 100x10
sx 120x10

Height x Thickness	Continuous current in A up to 60 Hz		Cross section	Weight
	Number of busbars			
mm	1	2	mm²	kg/m
40 x 10	715	1290	399	3,55
50 x 10	852	1510	499	4,44
60 x 10	985	1720	599	5,33
80 x 10	1240	2110	799	7,11
100 x 10	1490	2480	999	8,89
120 x 10	1790	2860	1200	10,70
160 x 10	2220	3590	1600	14,20

Installation notes:

When mounting vertically, fit the busbars into a holder. Material: Polyamide, fire behavior UL94-HB.
Use M 12 mounting bolts.
Tightening torque approximately 20 Nm.

For standing busbars, 10 mm thick, made of E-Cu F30 bare. Based on DIN 43671, the table contains the continuous currents for 35°C air and 65°C busbar temperature.

Raw material properties – Material PA

Density	DIN 53479	g/cm³	1,15
Volume resistivity	IEC 60093	Ohm x cm	10^{12} - 10^{15}
Dielectric strength	DIN 53481	kV/mm	25 - 50
Creep resistance	DIN 53480		KA 3c KA 3b
Flammability according to UL-Standard 94	UL 94		HB

(additional data available on request)

The data given are subject to certain tolerances affected by manufacturing processes as well as the inserted pre-products. That is why these figures are average values, i.e. non-binding standard values which cannot be used to derive a guarantee claim from. We reserve the right to make changes!

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