



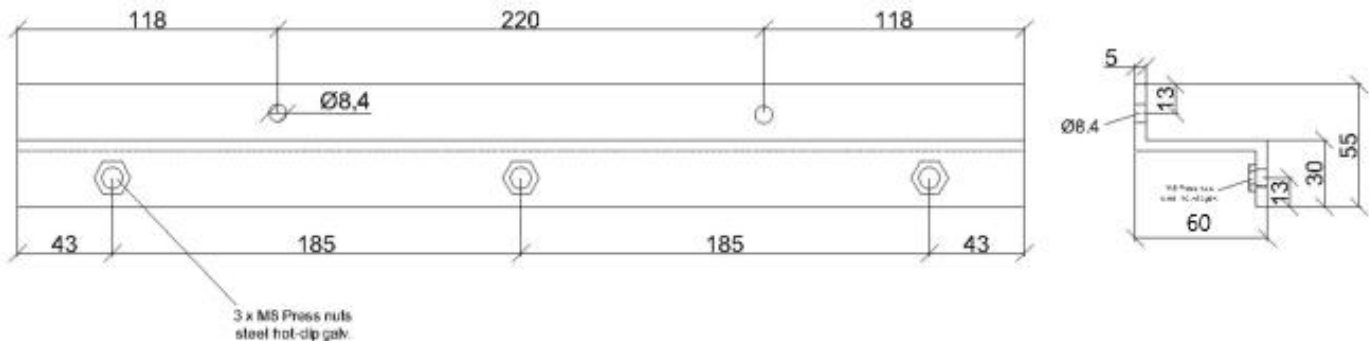
Z 185/1 55x40 mm. BUSBAR SUPPORT

PROPERTIES

- Operational alternating current 1000 V
- Continuous current exceeding 4000 A
- Phase interval 185 mm
- Colour : RAL 7035
- Nuts : M8 Steel Zinc coated
- Made from GFRP - SMC

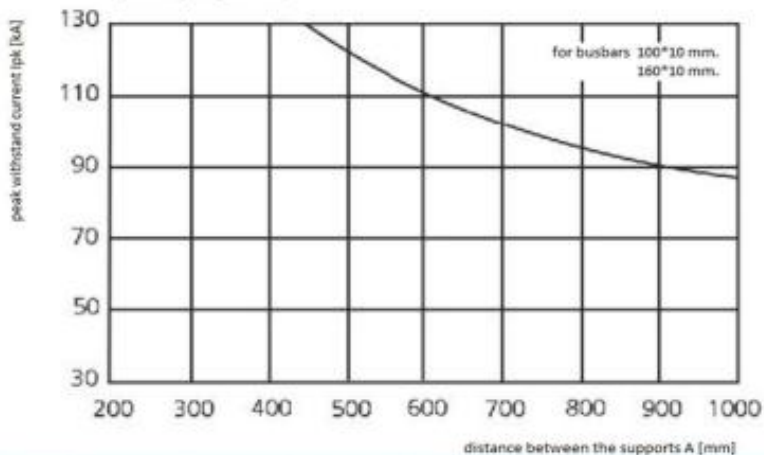


TECHNICAL DRAWING



SHORT CIRCUIT RESISTANCE DIAGRAM

Short-circuit resistance for busbars thickness 10 mm depending on the distance between the supports (busbar spacing 185 mm).





RATED SHORT-TIME CURRENT WITHSTAND (RMS)

copper bars (mm)	bus bar system (mm) a	I _{cw} (1s) (kA)
100x10	185	50
80x10	185	50
50x10	185	40
30x10	185	30

RAW MATERIAL PROPERTIES

1	Density	1,73 gr/cm ³	TS EN ISO 1183-1, Method A
2	Charpy impact strength	114 kJ/m ²	TS EN ISO 179-1/1eU
3	Water absorption	24 mg.	TS EN ISO 62, Method 1
4	Compression Strength	264 Mpa	TS EN ISO 604, Type B
5	Glow wire test	960 C	POSITIVE TSE EN 60695-2-13
6	Thermal endurance	178,5 C	TS EN ISO 75-1/3 IEC 60216
7	Flexural Strength	277,7 Mpa	TS EN ISO 178
8	Elasticity modulus	12780 Mpa	TS EN ISO 178
9	Proof tracking index CTI600	POSITIVE	TSE EN 60695-11-10 IEC 60112"
10	Flammability UL 94 Category	V0	TSE EN 60695-11-10 IEC 60112
11	Electric strength in 90C oil	13,88 kV/mm.	IEC 60243-1
12	Breakdown voltage in 90 C oil	151,46 kV	IEC 60243-1