



Laminated copper bars Rittal Flexibar "S"

Length: 2000 mm/bar.

Material:

Cu lamina

- High-purity electrolyte copper F20

Insulation

- High-strength vinyl compound
- Expansion 370 %
- Temperature range: -30°C to +105°C
- Flame retardant version to UL 94-V0
- Dielectric strength: 20 kV/mm

Short-circuit protection diagram,
see page 1248.

Configuration ¹⁾ mm	I _n at 50 K ²⁾	I _n at 30 K ²⁾	I _n at 10 K ²⁾	Packs of	Model No. SV
8 x 6.0 x 0.5	165 A	125 A	–	1	3565.010
6 x 9.0 x 0.8	250 A	220 A	120 A	1	3565.000
6 x 13.0 x 0.5	200 A	150 A	110 A	1	3566.000
4 x 15.5 x 0.8	300 A	210 A	140 A	1	3567.000
6 x 15.5 x 0.8	350 A	290 A	170 A	1	3568.000
10 x 15.5 x 0.8	450 A	350 A	190 A	1	3569.000
5 x 20.0 x 1.0	400 A	300 A	180 A	1	3570.000
5 x 24.0 x 1.0	450 A	370 A	230 A	1	3571.000
10 x 24.0 x 1.0	800 A	600 A	340 A	1	3572.000
5 x 32.0 x 1.0	550 A	470 A	280 A	1	3573.000
10 x 32.0 x 1.0	1000 A	800 A	460 A	1	3574.000
5 x 40.0 x 1.0	800 A	600 A	340 A	1	3575.000
10 x 40.0 x 1.0	1200 A	950 A	500 A	1	3576.000
5 x 50.0 x 1.0	900 A	700 A	400 A	1	3577.000
10 x 50.0 x 1.0	1400 A	1000 A	600 A	1	3578.000
10 x 63.0 x 1.0	1600 A	1240 A	715 A	1	3579.000

¹⁾ Number of lamina x lamina width x lamina thickness

²⁾ The conductor temperature of the laminated copper bar is derived by adding the ambient temperature and the temperature increase together.

Example:

SV 3565.000 loaded with 220 A, i. e. the temperature increases by 30 K. At an ambient temperature of 35°C, this produces a resultant conductor temperature of 35°C + 30 K = 65°C.

B
2.7

Laminated copper bars



Universal support

For the attachment of laminated copper bars from 20 x 5 to 63 x 10 mm.

Material:

Fibreglass-reinforced, thermoplastic polyester (PBT).

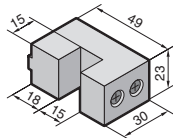
Fire protection corresponding to UL 94-V0.

Supply includes:

Screws and "U" nuts for mounting on PS/TS mounting rails.

Packs of	Model No. SV
3	3079.000

Short-circuit protection diagram,
see page 1248.



Universal holder

For the attachment of laminated copper bars from 40 x 5 to 100 x 10 mm.

Material:

Fibreglass-reinforced, thermoplastic polyester (PBT).

Fire protection corresponding to UL 94-V0.

Supply includes:

Screws and sliding nuts for attachment on C rails.

Packs of	Model No. SV
3 sets	3079.010

⊕ Accessories:

C rails 30/15,
see page 999.