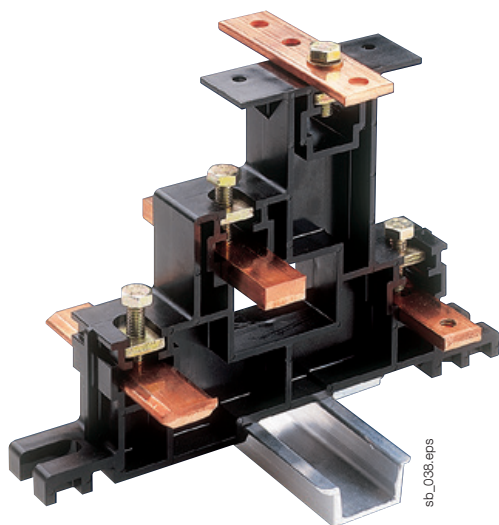


Busbar support SB E 44

Stair type support - current up to 400 A and short-circuit up to 30 kA



General characteristics

- > Thermoplastic material
- > VO self-extinguishing
- > Insulation voltage: 1000 V

Strong points

- > Insulating materials
- > Durability
- > Adaptability

Conformity to standards

- > IEC 61439-1
- > IEC 60865-1



Function

With SOCOMEC's **insulating bar supports** you can:

- mount and attach the busbars inside the electrical panel,
- cope with the forces experienced by the busbars during a short circuit.

Advantages

Insulating materials

Our range of busbar supports is made using thermoplastic. This very resistant material (reinforced fibreglass) is insulating so there are no risks in terms of clearance and creepage distances.

Durability

Most bar supports have an M8 screw connection which provides outstanding robustness to the entire busbar structure.

Adaptability

The distance between the bar support attachment points is compatible with all commercially available enclosures.

Busbar support SB E 44

Stair type support - current up to 400 A and short-circuit up to 30 kA

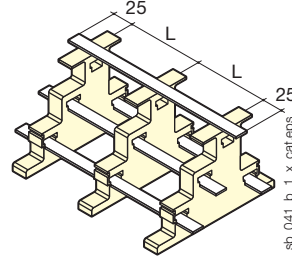
References

SB E 44

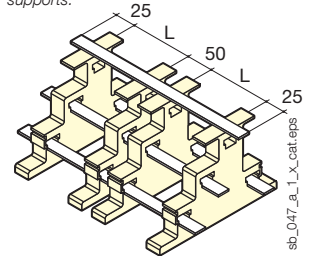
Type of busbar support	Insulation voltage (VAC)	No. of poles	Bar width (mm)	Pack qty	Reference
SB E 44 4-pole stair type support	690	4 P	15-32	1	5028 0410

Description of SBE 44 accessories	Pack qty	Reference
Protective cover kit, length 270 mm	1	5028 0411
Protective cover kit, length 420 mm	1	5026 0412
Protective cover kit, length 620 mm	1	5028 0413
Set of 20 protection cover adaption spacers	1	5026 0415

Type 1: Busbars including 3 (or more) equally spaced SB E 44 supports.



Type 2: Busbars including 3 (or more) SB E 44 supports with doubled intermediary supports.



Characteristics

SB E 44

Support	L max. (support bars in mm) for							
	peak I _{cc}	10 kA	15 kA	24 kA	38 kA	48 kA	63 kA	
	rms I _{cc}	6 kA	9 kA	12 kA	19 kA	23 kA	30 kA	
	Bar x qty							
Type 1	15 x 3 x 1	950	625	400	250	175	-	160
Type 1	15 x 5 x 1	1000	825	500	300	175	-	220
Type 1	15 x 6 x 1	1000	900	550	300	200	-	250
Type 1	15 x 8 x 1	1000	1000	650	300	200	-	290
Type 1	20 x 3 x 1	1000	825	525	300	175	-	210
Type 1	20 x 5 x 1	1000	1000	675	300	175	-	280
Type 1	20 x 6 x 1	1000	1000	750	300	175	-	310
Type 1	20 x 8 x 1	1000	1000	775	300	175	-	370
Type 1	32 x 5 x 1	1000	1000	675	250	170	-	410
Type 1	32 x 6 x 1	1000	1000	675	250	170	-	460
Type 2	15 x 3 x 1	950	625	400	250	200	150	160
Type 2	15 x 5 x 1	1000	825	500	325	250	175	220
Type 2	15 x 6 x 1	1000	900	550	350	275	200	250
Type 2	15 x 8 x 1	1000	1000	650	400	325	225	290
Type 2	20 x 3 x 1	1000	825	525	325	250	200	210
Type 2	20 x 5 x 1	1000	1000	675	425	325	225	280
Type 2	20 x 6 x 1	1000	1000	750	450	375	225	310
Type 2	20 x 8 x 1	1000	1000	850	525	375	225	370
Type 2	32 x 5 x 1	1000	1000	1000	525	325	175	410
Type 2	32 x 6 x 1	1000	1000	1000	525	325	175	460

Dimensions (mm)

SB E 44

