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SR60 Busbar System

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SR60 Busbar System

Busbar routing

Selection and ordering data



		Dimensions W x H x D mm x mm x mm	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
	Busbar support for SR60 busbar system for busbars with a bar thickness of 5 or 10 mm and a 12, 15, 20, 25 or 30 mm busbar height 60 mm busbar distance						
	external 3-phase	20 x 220 x 50/55	8US19 23-2AA00		103	0.214	10
	internal 3-phase	20 x 185 x 50/55	8US19 23-3AA00		103	0.200	10
	internal 4-phase	20 x 245 x 50/55	8US19 23-4AA00		103	0.269	10
	N/PE busbar support for mounting onto busbar supports, can also be used as single support 1-phase	20 x 90 x 50/55	5SH3 506		016	0.070	1/10
	SR60 connecting terminal plate 3-phase, for conductors from 150 to 300 mm ² (illustration without cover)		5SH3 535		016	1.657	1
	Connector block for SR60 busbars 3-phase, for conductors from 35 to 120 mm ²		8US19 21-1AA00		103	0.607	1

Accessories

		Conductor cross-section	Tightening torque	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
		up to mm ²	Nm		1 item		kg	Items
Terminals								
	Terminals for one busbar 12 mm x 5 mm	1.5 ... 16	1.4	8JH4 102		046	0.010	1
		16 ... 35	3.0	8JH4 104		046	0.030	1
	Terminal for two busbars 12 mm x 10 mm	16 ... 70	6.0	8JH4 105		046	0.030	1
		16 ... 95	10.0	8JH4 106		046	0.070	1
		25 ... 120	10.0	8JK3 061		046	0.090	1
	Terminal for two busbars 12 mm x 10 mm	16 ... 35	6.0	8JH4 105		046	0.030	1
		16 ... 70	10.0	8JH4 106		046	0.070	1
		25 ... 50	10.0	8JK3 061		046	0.090	1
	Extension terminal for 12 mm x 5 mm busbar Busbar not included in delivery		6.0	8JK3 201		046	1 set 0.100	1 set
	Terminal for circular conductor 20 mm x 5 mm to 30 mm x 10 mm	150 ... 240		8US19 41-2BB00		103	0.307	6

* You can order this quantity or a multiple thereof.

Selection and ordering data






Size	Rated current A	Rated voltage V	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
							
NEOZED SR60 bus-mounting base							
for busbar thickness 5 mm							
for NEOZED adapter sleeves							
3-pole							
D02	63	400	5SG6 202		016	0.141	1/10
excess width with clearance for wiring							
D02	63	400	5SG6 204		016	0.154	1/10
for busbar thickness 10 mm							
for NEOZED adapter sleeves							
3-pole							
D02	63	400	5SG6 203		016	0.138	1/10
excess width with clearance for wiring							
D02	63	400	5SG6 205		016	0.149	1/10
							
DIAZED SR60 bus-mounting base							
for busbar thickness 5 mm							
for use of DIAZED SR60 adapter rings							
3-pole							
DII	25	500	5SF6 014		016	0.230	1/10
DIII	63	690	5SF6 214		016	0.318	1/10
for use of DIAZED screw adapters							
3-pole							
DII	25	500	5SF6 015		016	0.222	1/10
DIII	63	690	5SF6 215		016	0.310	1/10
for busbar thickness 10 mm							
for use of DIAZED SR60 adapter rings							
3-pole							
DII	25	500	5SF6 016		016	0.233	1/10
DIII	63	690	5SF6 216		016	0.316	1/10
for use of DIAZED screw adapters							
3-pole							
DII	25	500	5SF6 017		016	0.220	1/10
DIII	63	690	5SF6 217		016	0.328	1/10

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SR60 Busbar System


Mounting components


Selection and ordering data

	Size	MW	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items	
	NEOZED SR60 cover							
	D02	1.5	5SH5 241		016	0.026	1/10	
	excess width with clearance for wiring							
	D02	2	5SH5 242		016	0.031	1/10	
	with double width for a larger clearance for wiring							
	D02	3	5SH5 243		016	0.040	1/10	
	DIAZED SR60 cover							
	DII	2.3	5SH2 042		016	0.050	1/10	
	DIII	3.2	5SH2 242		016	0.061	1/10	
	with double width for a larger clearance for wiring							
	DII	4.7	5SH2 043		016	0.084	1/10	
	DIII	6.4	5SH2 243		016	0.106	1/10	
	Size	Thread	for fuse links A	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
	DIAZED SR60 adapter rings only for DIAZED SR60 bus-mounting bases							
	DII	E 27	2	5SH3 071		016	0.005	10
			4	5SH3 072		016	0.005	10
			6	5SH3 073		016	0.005	10
			10	5SH3 074		016	0.005	10
			16	5SH3 075		016	0.005	10
			20	5SH3 076		016	0.004	10
	DIII	E 33	2	5SH3 078		016	0.008	10
			4	5SH3 080		016	0.008	10
			6	5SH3 081		016	0.008	10
			10	5SH3 082		016	0.008	10
			16	5SH3 083		016	0.008	10
			20	5SH3 084		016	0.006	10
25			5SH3 085		016	0.007	10	
35	5SH3 086		016	0.006	10			
50	5SH3 087		016	0.005	10			

NEOZED screw caps, adapter sleeves and fuse links, please refer to chapter "Low-voltage fuse systems", NEOZED fuse system.
DIAZED screw caps, screw adapters and fuse links, please refer to Chapter "Low-voltage fuse systems", DIAZED fuse system.


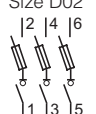

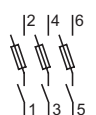


Selection and ordering data

	Width mm	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
 <p>SR60 LV HRC bus-mounting fuse base Size 000 and 00 with cover, top terminals, for 5 and 10 mm busbar thickness 3-pole Terminals up to 70 mm² Rated voltage 690 V AC with saddle-type terminal connection with flat termination, screw M8</p>		3NH4 052		014	0.641	1
		3NH4 053		014	0.646	1

I_U	for LV HRC links	Conductor cross- section	Type of connection/ adapter	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
A	Size	up to mm ²						
 <p>Fuse switch disconnectors for SR60 busbars climate-proof, rated operational voltage 690 V AC delivered without LV HRC fuse links</p>	100	000 and 00	1.5 ... 35	top bottom	3NP40 16-1CK01 3NP40 16-1CJ01	103	0.916 0.950	1 1
	160	000 and 00	up to 2 × 70	top bottom	3NP40 76-1CE01 3NP40 76-1CF01	103	1.200 1.200	1 1
	160	000 and 00	2.5 ... 70 (SIGUT terminal)	top bottom	3NP40 76-1CK01 3NP40 76-1CJ01	103	1.290 1.240	1 1
	250	0 and 1	max. 150	top or bottom	3NP42 76-1CG01	103	3.710	1
	400	2	max. 240	top or bottom	3NP43 76-1CG01	103	5.440	1
	630	3	max. 2 × 240	top or bottom	3NP44 76-1CG01	103	7.680	1

For additional busbar adapters and fuse switch disconnectors, please refer to Chapter "Low-voltage fuse systems, LV HRC fuse systems, LV HRC fuse switch disconnectors".

Selection and ordering data

	Rated current AC A	Rated voltage AC V	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
 <p>NEOZED SR60 bus-mounting switch disconnectors for busbar thickness 5 and 10 mm for 3-phase busbar system Width: 1.5 MW 3-pole Size D02</p> 	63	400	5SG7 230		016	0.700	1
 <p>SR60 bus-mounting disconnectors for 10 x 38 mm cylindrical fuses for busbar thickness 5 and 10 mm for 3-phase busbar system 3-pole</p> 	32	690	3NW7 430		018	0.700	1
 <p>Auxiliary switch 1 changeover contact, 24 to 230 V AC, AC 2 A</p>			5SH5 525		016	0.007	1
 <p>Lateral module for NEOZED SR60 bus-mounting switch disconnectors for better heat conduction at permanent loads over 35 A Width: 0.5 MW</p>			5SH5 526		016	0.060	1/5
<p>Reducer for NEOZED fuse links D01 in the SR60 bus-mounting switch disconnectors</p>			5SH5 527		016	0.003	10

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Accessories

Selection and ordering data

	Length	Order No.	Price	PG	Weight 1 item	PS*/ P. unit
	mm		1 item		kg	Items
SR60 covers						
	Base Height 230 mm, for 3 busbars 290 mm, for 4 busbars	1100	5SH3 526	016	1.100	2
			5SH3 527		1.300	2
	Blanking cover Depth 32 mm	1000	5SH3 537	016	0.075	2
	Cover profile for busbars up to 30 x 5 mm up to 30 x 10 mm	1000	8US19 22-2AA00	103	0.156	10
			8US19 22-2BA00	103	0.105	10
	Edge H x W 17 x 36 mm, for 3 busbars 77 x 36 mm, for 4 busbars	1100	5SH3 528	016	0.311	2
			5SH3 530	016	0.583	2
	Partition slotted H x W 17 x 86 mm	1100	5SH3 531	016	0.365	2
			End cover for busbar support, lateral Height 230 mm		016	0.038
			5SH3 533		1 set	
		290 mm (1 set = 2 items)	5SH3 534	016	0.048	1 set
	End cover for busbar support, top 3-pole 4-pole		8US19 22-1AC00	103	0.020	10
			8US19 22-1AB00	103	0.055	1
	Edge support and support for partition		5SH3 532	016	0.106	2
	Support for blanking cover for blanking cover		5SH3 536	016	0.040	4