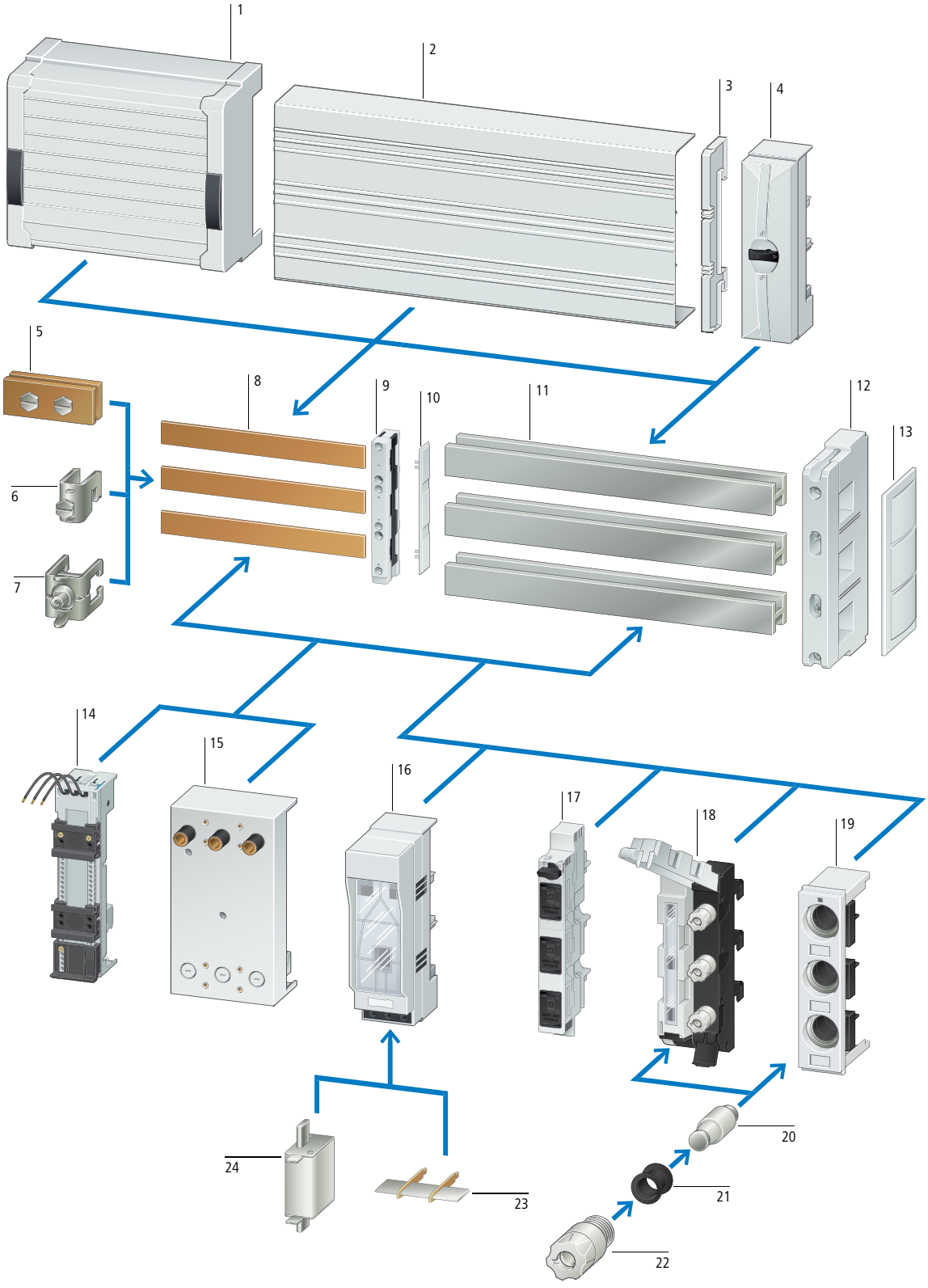
The SASY 60i busbar system ensures maximum efficiency inside the control cabinet

SASY 60i – safe and reliable: SASY 60i is a comprehensive and UL-certified switching, control and power distribution solution that is designed for use with our standard and motor-protective circuit breakers. The modular SASY 60i busbar system has been specifically designed for efficient power distribution inside the control panel. Thanks to the busbar adapter, incoming and outgoing circuit breakers can be mounted directly on the busbar system – quickly, easily and in a space-saving manner.

The double-T busbars of the SASY 60i system reduce the time and effort required for preparing the contact points. The busbar has a very high rated impulse withstand current and yet requires only a small number of supports, thus making optimum use of the limited space inside the control cabinet. In addition, the large surface area of the busbar ensures the best possible dissipation of power losses.

Get more information



1 System cover
2 Modular cover for empty sections
3 Support for the cover for empty sections
4 Terminal plates
5 Busbar end-to-end connectors
6 Universal conductor terminals
7 Clamp terminal
8 Flat busbars
9 Double-T busbar supports
10 End shroud
11 Double-T busbars
12 Busbar supports
13 End shroud
14 Busbar adapter for PKZ and PKE
15 Busbar adapter for NZM
16 NH fuse switch-disconnector
17 D fuse switch-disconnector with flash function
18 D fuse switch-disconnector without flash function
19 D busbar-mounted fuse device
20 Fuse link
21 Fuse adapter
22 Screw cap
23 NH disconnecting blades
24 NH fuse link

	Description	Poles	Rated operational current I_e A	For use with	**Part no.** Article no.
Busbar supports					
Thermoplast, silicone- and chlorine-free Halogen-free					
IEC busbar supports					
	Can be adapted to busbar sizes using a concertina mechanism With screw blocks on the inside	3	630	Flat busbars	**BBS-3/FL** 107066
		4	630	Flat busbars	**BBS-4/FL** 138381
UL busbar supports					
	Can be adapted to busbar sizes using a concertina mechanism With screw blocks on the inside	3	630	Flat busbars	**BBS-3/FL-NA** 107067
PE/N busbar supports					
	Can be adapted to busbar sizes using a concertina mechanism Can be individually mounted	1	630	Flat busbars	**BBS-1/FL** 107161
		2	630	Flat busbars	**BBS-2/FL** 107069
Double-T busbar supports					
	Can be used to assemble a PE or N busbar	1	1600	Double-T busbars	**BBS-1/PR-N-PE** 302105
	Can be used at the end or in the middle of the busbar With screw blocks on the inside	3	1600	Double-T busbars	**BBS-3/PR** 107162
End shroud					
	For covering the busbars	-	-	BBS-3/FL BBS-3/FL-NA	**ES-BBS-3/FL** 107068
		-	-	BBS-3/PR	**ES-BBS-3/PR** 107164
		-	-	BBS-1/PR-N-PE	**ES-BBS-1/PR-N-PE** 302107
UL bottom plate					
	To be used use if the air gap between the busbars and the mounting plate is insufficient	-	-	BBS-3/FL BBS-3/FL-NA BBS-3/PR	**BBC-BT-NA** 107172
Busbar covers					
	-	-	-	All flat busbars with a thickness of 5 mm	**BBC-FL5** 107173
	-	-	-	All flat busbars with a thickness of 10 mm	**BBC-FL10** 107174
	-	-	-	Double-T busbars	**BBC-CU-BAR/PR** 107175
Double-T busbars					
	Cross-section: 500 mm², 2400 mm long, tin-plated	-	1250	BBS-3/PR, BBS-1/PR-N-PE	**CU-BAR-500/T** 107166
	Cross-section: 720 mm², 2400 mm long, tin-plated	-	1600	BBS-3/PR, BBS-1/PR-N-PE	**CU-BAR-720/T** 107167
Complete system covers					
	Length: 228 mm	3	-	-	**BBC-CS1** 107209
	Length: 228 mm	4	-	-	**BBC-CS4** 138387

	Description	Width mm	Poles	Rated operational current I_e A	Terminal capacity	For use with	**Part no.** Article no.
Terminal plates							
	The terminal can be removed to connect uncut conductors Looping is not possible	54	3	300	6 - 50 mm² AWG 10 - AWG 2/0	Double-T 12 x 5/10 15 x 5/10 20 x 5/10 25 x 5/10 30 x 5/10	**BBA-TP3/50** 107183
Clamp terminals							
	No drilling required fortermination on busbars	38	-	480	35 - 150 mm² AWG2/0 - MCM 300	12 x 5/10 20 x 5/10	**AKS150** 138374
	No drilling required fortermination on busbars	38	-	500	95 - 185 mm² AWG3/0 - MCM 350	Double-T 20 x 5/10 25 x 5/10 30 x 5/10	**AKS185** 107195
Profile terminals							
	No drilling required fortermination on busbars	72	-	1600	800 mm², terminal area 41 x 20 - 42	Double-T	**AKP800** 107198
Universal conductor terminals							
	With integrated retaining spring, open terminal chamber and captive terminal screw	11.5	-	180	1.5 - 16 mm² AWG 14 - AWG 6.	All flat busbars with a thickness of 5 mm	**AKU16/5** 107187
		23.5	-	440	16 - 120 mm² AWG 4 - MCM 250	All flat busbars with a thickness of 10 mm	**AKU120/10** 107194
		38	-	630	M10 cable lugs	All flat busbars with a thickness of 10 mm	**AKU-M10/10** 138361

	No. of poles	Rated operational current I_e A	Adapter width mm	For use with	**Part no.** Article no.
Adapters for circuit breakers and switch-disconnectors					
For surface mounting on flat copper busbars (12 - 30 x 5 - 10) as well as double-T					
	3-pole	160	92	NZM1, PN1, N(S)1	**NZM1-XAD160** 104554
		250	106	NZM2, PN2, N(S)2	**NZM2-XAD250** 104555
		630	140	NZM3, PN3, N(S)3	**NZM3-XAD630** 107206
	4-pole	250	140	NZM2(-4), PN2(-4), N2(-4) NS2(-4)	**NZM2-4-XAD250** 138388
		630	185	NZM3(-4), PN3(-4), N3(-4) NS3(-4)	**NZM3-4-XAD630** 138389
Connection blocks for component adapters					
	3-pole	250	-	NZM2, PN2, N(S)2	**NZM2-XKR4** 281666
		630	-	NZM3, PN3, N(S)3	**NZM3-XKR13** 281668
	4-pole	250	-	NZM2-4, PN2-4, N2-4	**NZM2-4-XKR4** 118907
		630	-	NZM3-4, PN3-4, N3-4	**NZM3-4-XKR13** 119020
Busbar adapters for DIN devices					
Dual adapters					
	3-pole	35	54	Double-T 12x5/10 15x5/10 20x5/10 25x5/10 30x5/10	**Z-SS-60-ADD/6-54** 288791

	Rated operational current I_e A	Frame size	Terminal type	**Part no.** Article no.
NH fuse-switch disconnectors				
IEC/EN 60947-3 3-pole With reach-over guard Rated conditional short-circuit currents of 120 kA (500 V) and 100 kA (690 V) Flammability characteristics as per UL94 (self-extinguishing) Cable connection at the top or bottom Contacts made of silver-plated electrolytic copper				
NH fuse switch-disconnectors without flash function				
	160	NH00	Box terminal: 1.5 - 95 mm²	**XNH00-S160-BT1** 183034
	250	NH1	Box terminal: 35 - 150 mm²	**XNH1-S250-BT** 183052
	400	NH2	Box terminal: 95 - 300 mm²	**XNH2-S400-BT** 183066
	630	NH3	Box terminal: 95 - 300 mm²	**XNH3-S630-BT** 183078
NH fuse switch-disconnector with flash function The flash function indicates that the fuse link has blown				
	160	NH00	Box terminal: 1.5 - 95 mm²	**XNH00-FCL-S160-BT1** 183037
	250	NH1	Box terminal: 35 - 150 mm²	**XNH1-FCL-S250-BT** 183054
	400	NH2	Box terminal: 95 - 300 mm²	**XNH2-FCL-S400-BT** 183068
	630	NH3	Box terminal: 95 - 300 mm²	**XNH3-FCL-S630-BT** 183080

	Rated operational current I_e A	Rated operating voltage U_e V AC	Frame size	Mounting width mm	For use with	**Part no.** Article no.
D busbar-mounted fuse devices						
Gauge ring Supplied empty, without screw caps						
	63	400	E18, D 02	27	12 x 5/10 20 x 5/10 25 x 5/10 30 x 5/10 Double-T	**D02-SO/63/3-R-27** 114315
D fuse switch-disconnectors without flash function						
Gauge ring Supplied empty, without screw caps						
	63	400	E18, D 02	36	20 x 5/10 30 x 5/10 Double-T	**D02-S/63/3-RS** 284649
D fuse switch-disconnector with flash function						
The flash function indicates that the fuse link has blown Supplied empty, without adapter sleeves or fuse links Contact-position indicator Switches the load on all poles without any manual intervention Sealable and lockable						
	63	400	E18, D02	27	12 x 5/10 15 x 5/10 20 x 5/10 25 x 5/10 30 x 5/10 Double-T	**D02-LTS/63/3-R** 114316