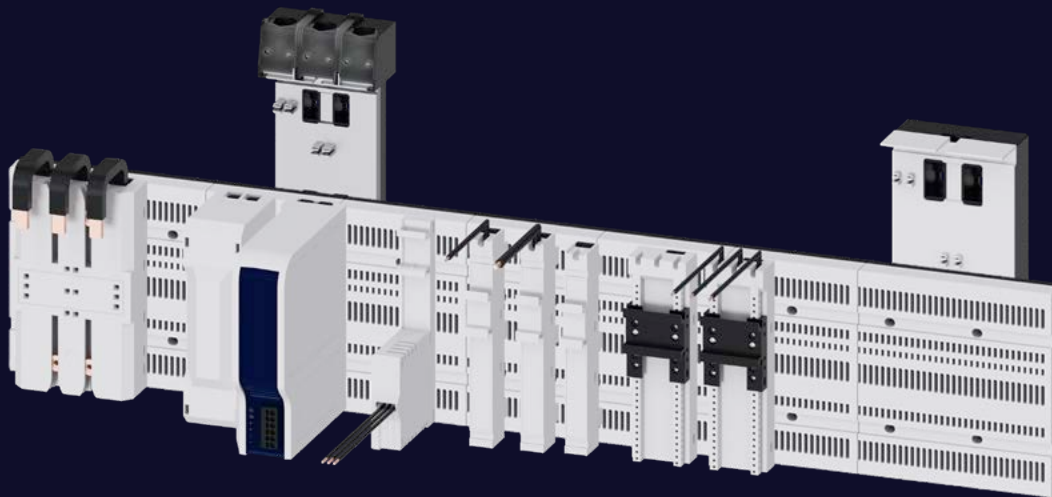




Busbar system

8US2 CrossBoard

Consistent security for users and systems

Busbar systems are used for the quick and safe installation of switching devices in the control cabinet. The electrical supply is provided by the busbar system. With the 8US2 Crossboard, the devices and adapters are snapped on quickly, easily, and safely.

Product	Item Number	Further versions
Basic systems 125 A ¹⁾		
	8US2300-3L□00	□ Width of the base system ↓ L 225 mm N 405 mm
Basic systems 250 A ²⁾		
	8US2300-3Q□00	□ Width of the base system ↓ M 300 mm N 400 mm P 500 mm Q 600 mm R 700 mm S 800 mm T 900 mm U 1.000 mm V 1.100 mm

Notes:

If higher short circuits than permissible for the base system may occur at the installation site of the base system (25 kA for the base system 125 A, 30 kA for the 250 A versions), a protective device must be connected upstream whose I_c value is lower.

- 1) Basic systems 125 A can be screwed directly onto the mounting plate or snapped onto a DIN rail. The electrical supply of the basic system is provided either via a front-mounted feed-in module or via a 3VA adapter (if system protection via the 3VA is desired).
- 2) Basic systems 250 A can be screwed directly onto the mounting plate or snapped onto the rear connection and fastening modules. The electrical supply of the basic system is provided either via a front-mounted feed-in module, via a rear connection module or via an adapter with 3VA (if system protection via the 3VA is desired).

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Product	Version	Article number	Further versions / notes	
Front connection modules				
	63 A,for cables max. 16 mm²	8US2933-3HC00	If cables ≤ 16 mm² are connected to 8US2933-2LE00, the touch protection 8US2984-0AA00 is also required.	
	125 A,for cables max. 50 mm²	8US2933-3LE00		
Rear connection and fastening modules ¹⁾				
	Connection module with terminals on one side	8US2952-3QJ00	If cables ≤ 50 mm² are connected, an additional touch protection 8US2988-0AH01 is required. The touch protection 8US2988-0AH02 is required for connecting flat conductors.	
	Connection module with terminals on both sides	8US2942-3RJ00		
	Mounting module	8US2901-0AH00		
1-pin adapters and device carriers, width 18 mm ³⁾				
	Adapter (with power supply from 8US2)	8US2410-1■B■0		
	Equipment carrier (without feed-in)	8US2400-0AB00	 16 A  63 A	 1 Feed from L1  2 Feed from L2  3 Feed from L3
3-pin adapter and device carrier, width 45 mm				
	Universal adapter (with power supply from the 8US2)	8US2410-3■E0■		
	Equipment carrier (without feed-in)	8US2400-0AE00	 16 A  25 A  32 A	 1 with short connecting cables for switching devices with screw connection  2 with long connecting cables for switching devices with spring terminals ²⁾
Extensions for 45 mm wide adapters and device carriers				
	Expansion set	8US2988-0AE0■		 0 for direct starter  1 for reversing starter
	Mounting rail 45 mm wide	8US1998-7CB45		
	Mounting rail 54 mm wide	8US2988-0AF00		
	Positioning piece for fixing long devices	8US1998-1DA45		
3-pin adapter with integrated fuse holder, width 22.5 mm				
	Universal, with DIN rail, without fuses	8US2410-3CC07		
	for SIRIUS 3RM1 motor starters, without fuses	3RM1930-1AA		
	for SIRIUS 3RM1 motor starters, with 3NW6007-1 fuses	3RM1932-1AB		
3-pole adapter for MCCB 3VA10, 3VA11 and 3VA51, width 90 mm				
		8US2410-3NH01		
Power supply				
	DC24 V, 10 A	8US2830-2BE01		
Other accessories				
	Mounting module	8US2981-0AA00	The mounting module is required if basic systems ≥ 800 mm wide can be screwed onto a mounting plate.	

Notes:

¹⁾ To mount a base system on rear modules, one connection module and one fastening module are required. (For base systems ≥ 800 mm wide, two fastening modules are required.) Maximum connection cross-section of the connection modules: 150 mm², rated current: 250 A (8US2952-3QJ00) / 320 A (8US2942-3RJ00)

²⁾ 45 mm wide adapters 25 A are only available for devices with screw connection.

³⁾ 1-pole adapters can be mechanically connected to each other using module connectors 8US1998-1AA02 (pack of 100).