

Fast Bus

8US and Fast Bus Busbar Adapter System

60 mm system

Selection and ordering data

for sharp-edged copper busbars to DIN 46 433, width 12 mm to 30 mm, thickness 5 mm and 10 mm		Busbar adapters		Number of mounting rails (35 mm)	Rated current A	Connect- ing leads AWG	Adapter length mm	Adapter width mm	Rated voltage V	Order No.	List Price \$	Standard Package Quantity
For SIRIUS devices												
	Direct feeder	Size S00/S0										
		MSP	1	25	12	182	45	690		8US12 51-5DM07	39.00	
		Contactor + overload relay	–	–	–	–	–	–				
		Direct feeder	–	–	–	–	–	–				
		Reversing feeder adapter	–	–	–	–	–	–				
		+ switching device holder	1	–	–	182	45	–		+ 8US12 50-5AM00	40.00	
		+ connection keys (2 units needed for attachment) (packg. with 100 units)	–	–	–	–	–	–		+ 8US19 98-1AA00	1.05 ea.	100
		Size S00 – Cage Clamp										
		Direct feeder	1	12.5	14	182	45	690		8US12 51-5CM47	39.00	
		Size S2										
	Reversing feeder	MSP	–	56	8	182	55	690		8US12 61-5FM08	54.00	
		Contactor + overload relay	–	–	–	–	–	–				
		Direct feeder	1	56	8	242	55	690		8US12 61-5FP08	56.00	
		Reversing feeder adapter	1	56	8	242	55	690				
		+ switching device holder ¹⁾	–	–	–	242	55	–		+ 8US12 60-5AP00	35.00	
		+ connection keys (2 units needed for attachment) (packg. with 100 units)	–	–	–	–	–	–		+ 8US19 98-1AA00	1.05 ea.	100
		Size S3										
		MSP	–	100	Busbars	182	70	to 460 ²⁾		8US11 11-4SM00	102.00	
		MSP	–	80 ⁴⁾	4	182	72	480 ... 690 ³⁾		8US12 11-4TM00	91.00	
		For ED and FD circuit-breakers										
	For E or F frame circuit breakers (includes mounting plate)	–	250	4-2/0	270	108	600		FBS250108	282.00		
	For E or F frame circuit breakers (includes mounting plate) terminals on the bottom of the shoe	–	250	4-2/0	270	108	600		FBS250108M	282.00		
8US12 50-5RM07												
Busbar adapters with supply terminals (at top) for any arrangement of components												
	1.5 mm ² up to 4 mm ²	1	25	–	182	45	690		8US12 50-5RM07	32.00		
8US12 60-5AM00												
Switching device holders for lateral attachment to busbar adapter of the same length												
	Switching device holder	1	–	–	182	45	–		8US12 50-5AM00	40.00		
	Switching device holder	1	–	–	182	55	–		8US12 60-5AM00	42.00		
	Switching device holder	–	–	–	242	55	–		8US12 60-5AP00	45.00		
	Connection keys (2 units needed for attachment) (packg. with 100 units)	–	–	–	–	–	–		8US19 98-1AA00	1.05 ea.	100	
	Lateral modules for extending busbar adapters and switching device holders of the same length											
	Lateral module	–	–	–	182	13,5	–		8US19 98-2BM00	12.00		
Cross Reference								MLFB	MLFB			
Function												
Adapter shoe w/wire for SIRIUS S00 and S0								FBS2545	8US1251-5DM07			
Adapter shoe w/wire for SIRIUS S2								FBS5055	8US1261-5FM08			
Adapter shoe w/wire for SIRIUS S2 combos								FBS5055L	8US1261-5FP08			
Adapter shoe for SIRIUS S3								FBS10070	8US1111-4SM00			
Adapter shoe w/o wire for SIRIUS S00 and S0								FBS0045	8US1250-5AM00			
Adapter shoe w/o wire for SIRIUS S2								FBS0055	8US1260-5AM00			
Adapter shoe w/o wire for SIRIUS S2 combos								FBS0055L	8US1250-5AP00			

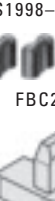
- 1) Spacer and fixing screws for reverse contactor are included in the scope of supply.
2) ≤ 400 V max. 50 kA, 400 V to 460 V max. 25 kA.

- 3) 480 V to 525 V max. 30 kA, 525 V to 690 V max. 12 kA.
4) 80 A UL 100 A IEC

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Adapter shoes and accessories

Illustration	Adapter Shoes Provide mechanical mounting and electrical power connection to busbar system.	Width	Length	For use with Device Type	Catalog No	List Price \$
 FBS2545	With wire: 25 amp rated (12AWG)	45 mm	182 mm	3RV101, 3RV102	FBS2545	39.00
	With wire: 50 amp rated	55 mm	185 mm	3RV103	FBS5055	54.00
		55 mm	242 mm		FBS5055L	56.00
	With terminals for wire size #10-#6: 80 amp rated	72 mm	182 mm	FBCB15-80	FBS8072	77.00
 FBS10070	With wire: 100 amp rated	70 mm	182 mm	3RV104	FBS10070	102.00
	With terminals for wire #4-2/0 Includes mounting plate for mounting E or F frame breakers Rated 250 amps (terminals on top of shoe)	108 mm	270 mm	FBCB	FBS250108	282.00
		108 mm	270 mm	FBCB	FBS250108M	282.00
	Without wire: For mechanical mounting only Contactor Support	45 mm	182mm	3RV101	FBS0045	40.00
 FBS0045		55 mm	185 mm	3RV102	FBS0055	42.00
		55 mm	242 mm	3RV103	FBS0055L	56.00
		70 mm	—	3RT104	FBS0070B	23.00
	Support Bracket for 3RT104 Contactor For use with FBS10070	70 mm	—	3RT104	FBS0070B	23.00
 8US1998-2BM00	Side module for Adaptor Shoe expansion	10 mm	182 mm	—	8US1998-2BM00	12.00
	Feeder Breaker Mounting Plate For mounting 3-pole E-frame Siemens circuit breakers through 80 amps. Mounts to FBS8072 Adaptor Shoe.	72 mm	160 mm	FBCB15-80	FBP80	49.00
	Fast Clips For fastening 2 or more shoes together. 2 required per pair of shoes. .	—	—	—	FBC20	9.00 Pack of 20
	Spacer For supporting a 3RT101 or 3RT102 contactor to a Fastbus shoe when used with a 3RV MSP. 1 required per contactor.	—	—	—	8US1998-1BA00	.78 ea. Standard pkg quantity = 100
 FBC20						
 8US1998-1BA00						

Cross Reference

Function

Adapter shoe w/wire for SIRIUS S00 and S0
 Adapter shoe w/wire for SIRIUS S2
 Adapter shoe w/wire for SIRIUS S2 combos
 Adapter shoe for SIRIUS S3
 Adapter shoe w/o wire for SIRIUS S00 and S0
 Adapter shoe w/o wire for SIRIUS S2
 Adapter shoe w/o wire for SIRIUS S2 combos

MLFB	MLFB
FBS2545	8US1251-5DM07
FBS5055	8US1261-5FM08
FBS5055L	8US1261-5FP08
FBS10070	8US1111-4SM00
FBS0045	8US1250-5AM00
FBS0055	8US1260-5AM00
FBS0055L	8US1250-5AP00