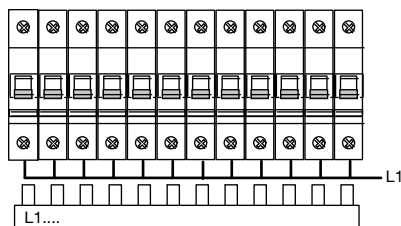


Accessories Busbars

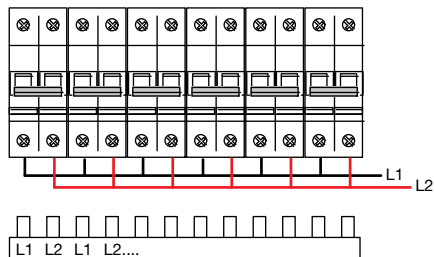
System pro M
S200 Series

1 Phase



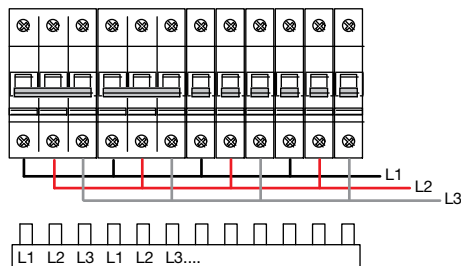
For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P ①	63	60	988	PS-END0	PS1/60	\$ 36	A	1	9
	80	60	988	PS-END0	PS1/60/16	46			
S200U & S200UP ②③	80	6	108	-	PS1/6/16BP	30	B	1	1.4
		12	216	-	PS1/12/16BP	60			2.9
		18	324	-	PS1/18/16BP	90			4.3

2 Phase



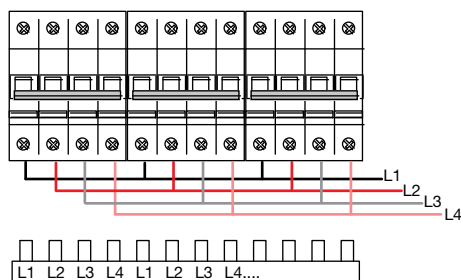
For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P ①	63	58	1035	PS-ENDSP	PS2/58SP	\$ 122	A	1	11
	80	58	1035	PS-ENDSP	PS2/58/16SP	152			18
S200U & S200UP ②③	80	6	108	-	PS2/6/16BP	40	B	1	1.8
		12	216	-	PS2/12/16BP	80			3.7
		18	324	-	PS2/18/16BP	120			5.5

3 Phase



For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P ①	63	60	1065	PS-ENDSP	PS3/60SP	\$ 130	A	1	12
	80	60	1065	PS-ENDSP	PS3/60/16SP	176			20
S200U & S200UP ②③	80	6	108	-	PS3/6/16BP	44	B	1	2
		12	216	-	PS3/12/16BP	88			4
		18	324	-	PS3/18/16BP	132			6

4 Phase



For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P	80	60	1056	PS-END1SP	PS4/60/16SP	\$ 236	B	1	22

Delivery Class

- A** - Standard item, stock to 2 weeks lead time
- B** - Stock to 4 weeks lead time
- C** - 6 to 8 week lead time

NOTE

ALL BUS BARS MAY BE CENTER FED IN ORDER TO DOUBLE THE AMPACITY RATING

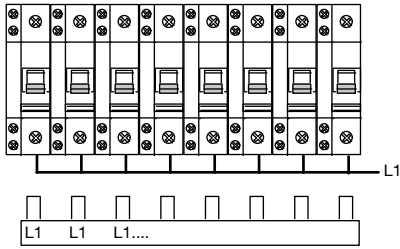
NOTE

BUS BARS MAY BE USED ON LINE OR LOAD SIDE OF MCBS

- ① UL Approved for use on UL1077 miniature circuit breakers. UL File #E76126
- ② UL approved for use on UL 489 miniature circuit breakers. UL File # E250145
- ③ UL 489 bus bars may not be cut.

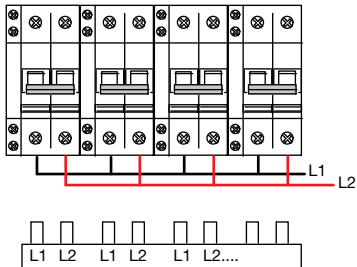
Accessories Busbars

1 Phase with 1 auxiliary



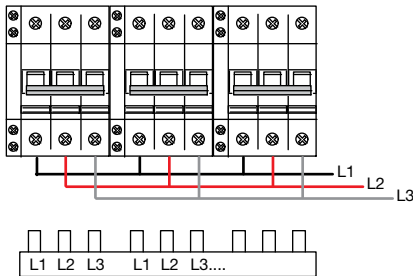
For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P	63 80	38 38	1044 1044	PS-END0 PS-END0	PS1/38H PS1/38/16H	\$ 50 56	B	1	7.4 10.1

2 Phase with 1 auxiliary



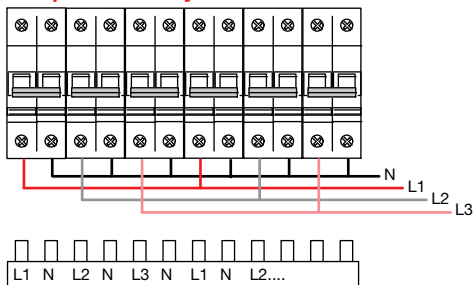
For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P	80	48	1065	PS-ENDSP	PS2/48/16SP	\$ 174	B	1	23.3

3 Phase with 1 auxiliary



For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P	80	39	980	PS-ENDSP	PS3/39/16SP	\$ 158	B	1	22.6

3 Phase + N, for use with 2 pole MCB's on 3 phase / 4W system



For use on:	Amp rating	Number of poles	Busbar length (mm)	End cap catalog number	Catalog number	List price	Delivery class	Suggested order qty. quantity	Weight (ozs)
S200 & S200P	80	58	1048	PS-END1SP	PS4/58/16NSP	\$ 238	B	1	30.8

Insulated busbar assembly contains 4 separate circuits for use with 1+N or 2 pole MCBs.

Delivery Class

- A** - Standard item, stock to 2 weeks lead time
- B** - Stock to 4 weeks lead time
- C** - 6 to 8 week lead time

NOTE

ALL BUS BARS MAY BE CENTER FED IN ORDER TO DOUBLE THE AMPACITY RATING

NOTE

BUS BARS MAY BE USED ON LINE OR LOAD SIDE OF MCBS

Accessories



S2C-H6R



S2C-S/H6R



S2C-A_



S2C-UA_

Electrical accessories	For use on:	Catalog number	List price	Delivery class	Suggested order quantities	Wgt. oz. (1 pc.)
Auxiliary contacts For field mounting: right side Form C 1 NO / 1 NC	S200 & S200P	S2C-H6R	\$ 36	A	1	1.4
	S200U & S200UP	S2C-H6RU				

The auxiliary contacts will signal whether the breaker is in the ON or OFF position. The contacts are rated 2A/277 VAC and 1.5A/125 VDC. Minimum operating voltage is 24 VAC/VDC. Wire size: 18 AWG to 16 AWG.

Bell alarm For field mounting, right side	S200 & S200P	S2C-S/H6R	48	A	1	1.4
	S200U & S200UP	S2C-S6RU				

The bell alarm includes a set of contacts that will only signal when the breaker has tripped. Typically the contacts would be connected to an alarm or bell to signal the operator that an overcurrent trip has occurred. The bell alarm also includes a test button for testing the alarm contacts without opening the breaker. The contact is rated 2A/277 VAC and 1.5A/125 VDC. Minimum operating voltage is 24 VAC/VDC.

* Combination bell alarm/auxiliary contact

Shunt trip For field mounting, right side A1: 12-60 VAC (12-60VDC) A2: 110-415 VAC (110-250 VDC)	S200 & S200P	S2C-A1 S2C-A2	138	A	1	5.2
	S200U & S200UP	S2C-A1U S2C-A2U				

For remote tripping of breaker, a shunt trip device can be added to the MCB. The solenoid device opens the breaker after control voltage is applied. Shunt trips are available for on control system voltage (12-415 VAC/VDC).

Undervoltage release For field mounting, right side 12 VDC 24 VAC 48 VAC 110 VAC 220 VAC 415 VAC	S200 & S200P	S2C-UA12	216	A	1	5.2
		S2C-UA24				
		S2C-UA48				
		S2C-UA110				
		S2C-UA230				
		S2C-UA400				

When control voltage drops below approximately 50% of rated voltage, the UVR opens the breaker. The breaker can not be operated unless proper control voltage is first applied to the UVR coil. Similar in size and mounting to the shunt trip accessory.

Factory mounting

All accessories may be easily mounted in the field. For factory mounting of any accessory devices, add \$30 list to total price per breaker. To create complete catalog number, take suffix of accessory device following "S2C-" and add suffix to end of breaker part number. Multiple suffixes must be added in alphabetical order.

Example: S202-K20A1 \$ 264 (2 pole, 20A breaker with type A1 shunt trip) S202-K20 @ \$96 + S2C-A1 @ \$138 + factory mounting @ \$30 = \$264
S202-K20A2H6R \$ 300 (2 pole, 20A breaker with type A2 shunt trip and H6R aux. contacts) S202-K20 @ \$96 + S2C-A1 @ \$138 + S2C-H6R @ \$36 + factory mounting @ \$30 = \$300

Auxiliary contacts and shunt trips may be mounted in combination.

Delivery Class

- A** - Standard item, stock to 2 weeks lead time
- B** - Stock to 4 weeks lead time
- C** - 6 to 8 week lead time

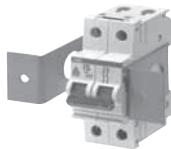
Accessories S200



S500-ME2



MB-CL



MB-3PD



SA1



SA2



12404



S2C-DH



SMR-39

Electrical accessories	Catalog number	List price	Delivery class	Suggested order quantities	Wgt. oz. (1 pc.)
Front mounting kit					
For 2 poles	S500-ME1	\$ 60	A	1	2.1
For 2 – 5 poles	S500-ME2	70			2.9
For 2 – 10 poles	S500-ME3	80			3.6
Optional rear terminals	S500-K1	16			1.5

Includes flange, mounting rail and hardware.

Front mounting clip

For 1 – 4 poles	MB-CL	35	A	1	2
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Simple mounting clip for up to four module mounting.

Front mounting bracket

For 1 – 3 poles	MB-3PD	35	A	1	2.5
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For flush mounting of three pole MCBs: includes hardware.

Locking device

Adaptor only	SA1	9	A	10	0.7
Padlock only w/ 2 keys	SA2	19			0.1

Allows breaker to be locked in ON or OFF position.

Labeling accessory

1 sheet = 40 blank labels	BS	74	A	1	—
1 sheet = 40 numbered labels	BS1/40	74			—

Adhesive labels mount on front face of components.

Enclosure, IP40

For 2 modules	12402	32	B	1	2.0
For 4 modules	12404	45			2.8
For 6 modules	12406	56			3.4
For 8 modules	12408	66			4.1

For additional protection against accidental contact. Includes integrated mounting rail.

Enclosure, IP55

For 4 modules	12644	84	A	1	8.1
For 6 modules	12646	98			10.8
For 10 modules	12650	126			20.4
For 20 modules	12652	210			41.0

Molded plastic complete with mounting rail and knock-outs for cable entries.

Blanking plates

Single pole (set of 10)	BP-1P	6	A	1	—
Twelve pole (snap-off, set of 1)	BP-12P	7	—	—	—

Handle mechanism

	S2C-DH	76	A	1	9.2
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For use with 2, 3 and 4 pole S2 MCBs and disconnect switch handles with 5mm shaft.

DIN rail

Universal mounting	SMR-39	21	A	1	8
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35mm DIN rails are available in 39-inch strips (1 meter).

Delivery Class

- A - Standard item, stock to 2 weeks lead time
- B - Stock to 4 weeks lead time
- C - 6 to 8 week lead time

Accessories S200

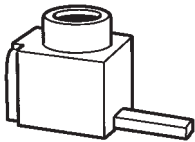
System pro M
S200 Series



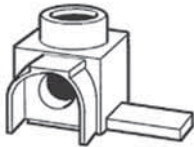
SZ-BSK



SZ-ESK2



SZ-AST55_



SZ-AST50_

Busbar accessories

Description	Catalog number	List price	Delivery class	Suggested order qty.	Weight ounce qty. (2 pc.)
Busbar end caps 2 & 3 phase 4 phase	PS-ENDSP PS-END1SP	\$ 2	A	10	—
Busbar tooth covers (shrouds unused portion of busbar)	SZ-BSK	4	A	10	—
Busbar mounted terminal block, 1 pole, for use on all busbars. Wire size: 14 AWG to 2 AWG	SZ-ESK2	10	A	1	1.0

Electrical accessories

Item	Catalog number	List price	Delivery class	Suggested order quantities	Wgt. oz. (1 pc.)
Posidrive tools					
Screwdriver, #1	SD-PZ1	\$ 40	A	1	4
Screwdriver, #2	SD-PZ2	40	A	1	4
Bit, #1	BIT-PZ1	4	A	1	4
Bit, #2	BIT-PZ2	4	A	1	4

Connection terminals

Cross section AWG/mm ²	For use on:	Catalog number	List price	Delivery class	Suggested order quantities	Wgt. oz. (1 pc.)
1/0 (50mm ²) Straight	S200 & S200P	SZ-AST55I	\$ 15	B	10	0.5
1/0 (50mm ²) 90°		SZ-AST50I	15			
1/0 (50mm ²) Straight	S200U & S200UP	SZ-AST55U	15	B	10	0.5
1/0 (50mm ²) 90°		SZ-AST50U	15			

Ring tongue accessories

Description	For use on	Catalog number	List price	Delivery class	Suggested order qty. (2 pc.)	Weight ounce
Ring tongue terminal	S200 & S200P S200U & S200UP	SZ-AST55UPRT	\$ 5	A	10	0.5
Plug		S2C-P	N/C	A	10	—

Factory mounting

Ring tongue connection terminals may be easily mounted in the field. For factory mounting, add \$5 list per connector. To create a complete catalog number, add the suffix as defined below:

Top & bottom: S201 - K20W	\$ 62	(Single pole, 20A breaker with 2 ring tongue terminals) S201-K20 @ \$42 + SZ-AST55UPRT times 2 @ \$5 + factory mounting times 2 @ \$5 = \$62
Bottom only: S201 - K20BW	\$ 52	(Single pole, 20A breaker with 1 ring tongue terminal) S201-K20 @ \$42 + SZ-AST55UPRT @ \$5 + factory mounting @ \$5 = \$52
Top only, S201 - K20TW	\$ 52	(Single pole, 20A breaker with 1 ring tongue terminal) S201-K20 @ \$42 + SZ-AST55UPRT @ \$5 + factory mounting @ \$5 = \$52

Delivery Class

A - Standard item, stock to 2 weeks lead time
B - Stock to 4 weeks lead time
C - 6 to 8 week lead time