

Molded Case Circuit Breakers

Internal Accessories

Spectra® RMS Circuit Breakers

Section 3

Universal Field-Installable Internal Accessories

All Spectra® RMS circuit breakers from the SE150 through the SK1200, including instantaneous-trip Mag Break motor circuit protectors and molded case switches, use the same UL listed, field-installable internal accessories that do not require cover removal to install.

Accessory Mounting

All accessories mount in pouches accessible from a front cover. All breakers have a left-side pouch and right-side pouch. The following combinations may be installed:

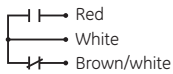
Left-Side Pouch—either shunt trip or undervoltage release plus bell alarm.

Right-Side Pouch—auxiliary switch (single or double pole).

Auxiliary Switch

Auxiliary switches provide remote indication of whether the circuit breaker main contacts are opened or closed via open or closed SPDT switch elements.

Switch Rating	Number of Switch Elements	Auxiliary Switch Product Number	List Price GO-135S
5A @240 Vac/	1 form C	SAUXPAB1	\$149.00
0.5A @ 125 Vdc	2 form C	SAUXPAB2	\$295.00
Gold-Plated Contacts	1 form C	SAUXGAB1	\$149.00
0.5A @ 30V	2 form C	SAUXGAB2	\$295.00
One each of above types	2 form C	SAUXGPAB2	\$295.00



All accessory contacts shown with the circuit breaker in tripped position.

Shunt Trip

For remote tripping of breaker, use with momentary close contact. Not recommended for use with latching relay contact since electronics in shunt trip will pulse power to the coil if continuously energized, and breaker shunt tripping upon reclosure will be delayed 1-2 seconds at rated control voltage. (A short-circuit trip would be instantaneous.)

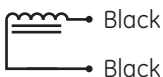
If maintained (latching relay) contact must be used and delayed shunt tripping is not acceptable, use small bell alarm in series with control power for SE150 and SF250 frames and auxiliary switch for SG600 and SK1200 breakers.

These devices are suitable for use with ground fault sensing and relaying equipment. Maximum VA is 75. AC devices are UL listed for 50-60 Hz.

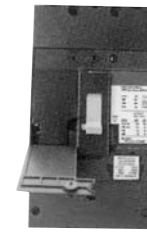
Voltage		Current (mA)		Product Number	List Price GO-135S
ac	dc	Inrush	Cont		
120	125	500	6.0	SAST1	\$363.00
240	250	400	5.0	SAST2	\$363.00
—	12	1000	800	SAST5 ¹	\$363.00
24	24	300	10.0	SAST3	\$363.00
48	48	300	10.0	SAST4	\$363.00

¹Not suitable for use with ground fault sensing and relaying equipment.

Note: UL listed at 200,000 AIC without internal accessories, 100,000 AIC with internally mounted accessories.



All accessory contacts shown with the circuit breaker in tripped position.



Left Side Pouch



Right Side Pouch



Auxiliary Switch



Shunt Trip

