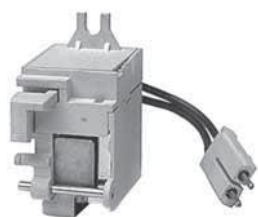


Electrical accessories

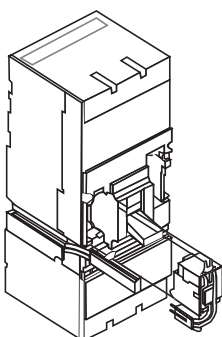
Shunt trip, undervoltage release

S3 – S7

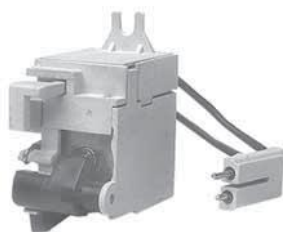
Isomax
MCCBs



K5S1



S5 with K5S2



K5U1



K6C-SUP

Shunt trips

Voltage	Factory installation		Field installation		
	Catalog number suffix ①	List price adder	Catalog numbers		List price
480VAC/250VDC	S1	\$ 430	K5S1	K7S1	\$ 415
240VAC	S2		K5S2	K7S2	
120VAC/125VDC	S4		K5S4	K7S4	
48VDC	S7		K5S7	K7S7	
24VAC/VDC	S8		K5S8	K7S8	
12VDC	S9		K5S9	K7S9	

Low power shunt trips

Voltage	Factory installation		Field installation		
	Catalog number suffix ①	List price adder	Catalog numbers		List price
24VDC	SA	\$ 430	K5SA	K7SA	\$ 415
120VAC	SB		K5SB	K7SB	

For remote opening of circuit breaker and includes internal cut-off switch to protect solenoid. All shunt trips are left pole mounted and can not be used with UVRs. Except for 12VDC, all shunt trips are approved for use in GF systems. Shunt trips must be ordered with correct connector.

Shunt trip connectors (required)

Type circuit breaker	Voltage	Factory installation ①	Field kit catalog number		
			S3 – S4 – S5 – S6	S7	List price
Fixed mounted	All	included	K6C-SU	K7C-SU	\$ 15
Plug-in/Draw-out	All	included	K6C-SUP	K7C-SUP	

Electrical specifications – shunt trips (standard)

V	24, 120, 240, 480VAC ~ 50/60 Hz 12, 24, 48, 125, 250 VDC –
For S3-S5 P	100 VA~/120W– Instantaneous duty
For S6-S7	150 VA~/150W–

Undervoltage releases

Voltage	Factory installation		Field installation		
	Catalog number suffix ①	List price adder	Catalog numbers		List price
480VAC	U1	\$ 430	K5U1	K7U1	\$ 415
240VAC	U2		K5U2	K7U2	
120VAC	U4		K5U4	K7U4	
24VAC	U3		K5U3	K7U3	
250VDC	U5		K5U5	K7U5	
125VDC	U6		K5U6	K7U6	
48VDC	U7		K5U7	K7U7	
24VDC	U8		K5U8	K7U8	

Will trip CB when connected voltage drops to 35-70% of UVR voltage rating. Will allow CB to close (ON) when voltage is approximately 85% of rated voltage. All UVRs are left pole mounted and can not be used with shunt trips. UVRs must be ordered with correct connector.

Undervoltage release connectors (required)

Type circuit breaker	Voltage	Factory installation ①	Field kit catalog number		
			S3 – S4 – S5 – S6	S7	List price
Fixed mounted	All	included	K6C-SU	K7C-SU	\$ 15
Plug-in/Draw-out	All	included	K6C-SUP	K7C-SUP	

Electrical specifications – UVR & low power shunt trips

V	24, 120, 240, 480 VAC ~ 50/60 Hz 24, 48, 125, 250 VDC –
For S3-S5 P	6 VA~/3W– Continuous duty
For S6-S7	10 VA~/4W–

① For factory installation add suffix given to end of circuit breaker catalog number per accessory format.

External accessories

Flange handle operators

S3 – S7



K7FCH

Flange handle

Cable linkage

Breaker	NEMA type	Mechanism only	List price	Cable only	Cable length	List price	Handle only	List price
S3-S4	1,3R,12	K4FPM	110	K5C036	36" (91cm)	114	K5FCH	213
				K5C048	48" (122cm)	146	K5FCH4	243
	4, 4X	K4FPM	110	K5C060	60" (152cm)	160		
				K5C072	72" (183cm)	175	K5FCH	213
S5	1,3R,12	K5FPM	128	K5C084	84" (213cm)	204		
				K5C096	96" (244cm)	221		
	4, 4X	K5FPM	128	K5C108	108" (274cm)	238		
				K5C120	120" (305cm)	256	K5FCH4	243
S6	1,3R,12	K6FPM	220	K7C048	48" (122cm)	190	K7FCH	310
				K7C060	60" (152cm)	220	K7FCH4	415
	4, 4X	K6FPM	220	K7C072	72" (183cm)	256		
				K7C084	84" (213cm)	270	K7FCH	310
S7	1,3R,12	K7FPM	220	K7C096	96" (244cm)	320		
	4, 4X	K7FPM	220	K7C120	120" (305cm)	350	K7FCH4	415

Notes: For complete assembly; mechanism, cable and handle are required.
All cables mount onto the right side of the breaker.
Handle can be mounted on the right or left side.

Door hardware kits — S3 - S7 Cable operated

Item	Catalog number	List price
Door hardware kit, right hand, 2 point latch for enclosures less than 40 inches high	KDH2R	\$ 200
Door hardware kit, right hand, 3 point latch for enclosures 40 inches high or greater	KDH3R	225

Enclosure depths

Minimum

Breaker	Depth (inches)
S3 - S6	8
S7	10

Maximum

Maximum depth is determined by cable length.