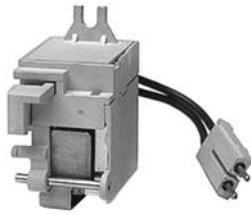


# Electrical accessories

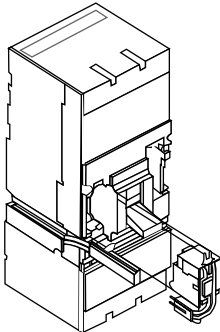
## Shunt trip, undervoltage release

### S3 – S7

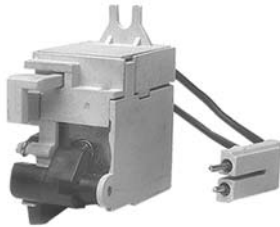
Isomax  
MCCBs



K5S1



S5 with K5S2



K5U1



K6C-SUP

#### Shunt trips

Voltage	Factory installation		Field installation		List price
	Catalog number suffix ①	List price adder	Catalog numbers S3 – S4 – S5	Catalog numbers S6 – S7	
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		List price
	Catalog number suffix ①	List price adder	Catalog numbers S3 – S4 – S5	Catalog numbers S6 – S7	
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		List price
			S3 – S4 – S5 – S6	S7	
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		List price
	Catalog number suffix ①	List price adder	Catalog numbers S3 – S4 – S5	Catalog numbers S6 – S7	
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		List price
			S3 – S4 – S5 – S6	S7	
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.