

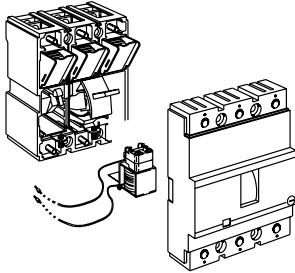
## Electrical accessories

### Shunt trip, undervoltage release

#### S1



K1S4



S1 with K1S4



K2U1

#### Shunt trip

Voltage	Factory installation		Field installation ②	
	Catalog number suffix ①	List price adder	Catalog number S1	List price
48VAC/60VDC	S1	\$ 212	K1S1	\$ 197
220/250VAC	S2		K1S2	
24 – 30VAC	S3		K1S3	
110 – 130VAC	S4		K1S4	
250VDC	S5		K1S5	
110VDC	S6		K1S6	
48VDC	S7		K1S7	
24VDC	S8		K1S8	
220VDC	S9		K1S9	

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 undervoltage releases. All shunt trips are approved for use in ground fault systems. Shunt trips must be ordered with correct connector.

#### Shunt trip connectors

Type	Voltage	Factory installation	Field installation ②	
			Catalog number S1	List price
Fixed mounted	All	Included	K2C-SU	\$ 15

#### Electrical specifications

V	24, 120, 240, 480VAC ~ 50/60 Hz 24, 48, 125, 250VDC –
For S1 P	100VA~/120W– Instantaneous duty

#### Undervoltage releases (IEC)

Voltage	Factory installation		Field installation ②	
	Catalog number suffix ①	List price adder	Catalog number S1	List Price
380/400VAC	U1	\$ 212	K2U1	\$ 197
220/230VAC	U2		K2U2	
24VAC	U3		K2U3	
110VAC	U4		K2U4	
110VDC	U6		K2U6	
48VDC	U7		K2U7	
24VDC	U8		K2U8	
48VAC	U9		K2U9	

Will trip circuit breaker when connected voltage drops to 35 – 70% of undervoltage release voltage rating. Will allow circuit breaker to close (ON) when voltage is approximately 85% of rated voltage. All undervoltage releases are left pole mounted and can not be used with shunt trips. Undervoltage releases must be ordered with correct connector.

#### Undervoltage release connectors

Type	Voltage	Factory installation	Field kit ②	
			Catalog number S1	List Price
Fixed mounted	All	Included	K2C-SU	\$ 15

#### Electrical specifications

V	24, 120, 240, 480VAC ~ 50/60 Hz 24, 48, 125, 250VDC –
For S1 P	6VA~/3W– Continuous duty

① For factory installation add suffix given to end of circuit breaker catalog number per accessory format.  
② Not UL approved for field installation.