



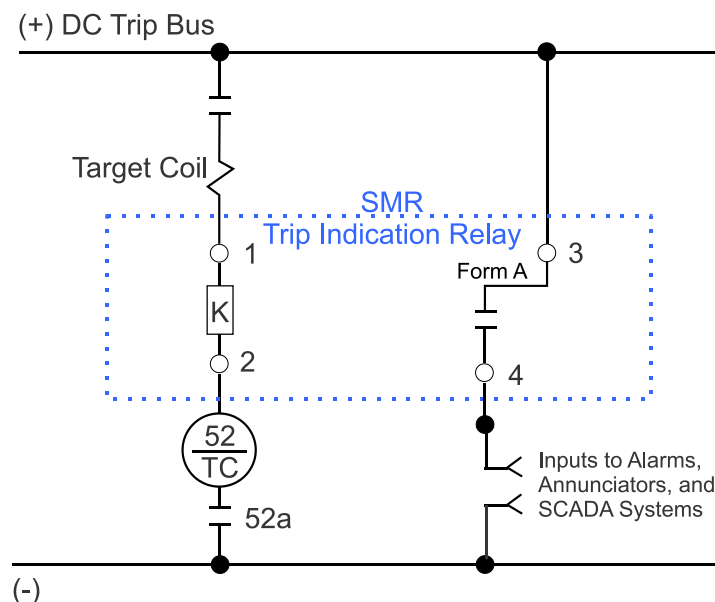
- High Reliability
- Millisecond Actuation
- Low Coil Resistance
- Simple Installation
- Low Cost
- RoHS Compliant (Directive 2002/95/EC)

The SMR Relay is designed for stud-mounting on the rear terminals of a protective relay for detection of the presence of trip current.

The SMR is self-mounted in existing installations without panel drilling. The trip lead is removed from the terminal, the relay screwed into its place and the lead connected to the terminal on the other end of the SMR. Once the contact leads are connected the installation is complete.

The terminals are separated by isolation fins and are designed to allow use of standard tools for securing to the terminals. Terminals to ground and coil to contact isolation is 2500 V rms.

SAMPLE APPLICATION



ORDERING INFORMATION

Part No.	Maximum Continuous Current (dc amps)	Maximum Current for 1 second (dc amps)(max)	Operate Current (dcamps)	Maximum Resistance @25° C Ohms	Max Response Time (Msecs) Including Bounce	Breakdown Voltage (Vdc)	Switch Form	Contact Rating Switching	Contact Rating Carrying
631A013	40	120	5	0.01	1.0	600	A	25 Watts	3.0 Amps
631A014	30	100	2.5	0.015	1.0	600	A	2.0 A max	Maximum
631A015	10	30	1	0.01	1.0	600	A	300 V max.	
631A016	5	15	0.5	0.3	1.0	600	A	(0.25 A max.	
631A017	1.5	4.5	0.15	3	1.0	600	A	inductive)	
631A018	0.6	2	0.06	50	1.0	600	A		
631A019	40	120	5	0.01	0.5	500	A	10 Watts	1.5 Amps
631A020	30	100	2.5	0.015	0.5	500	A	1.0 A max	Maximum
631A021	10	30	1	0.1	0.5	500	A	250 V max.	
631A022	5	15	0.5	0.3	0.5	500	A	(0.125 A max.	
631A023	1.5	4.5	0.15	3	0.5	500	A	inductive	
631A024	0.6	2	0.06	50	0.5	500	A		
631A028	0.6	2	0.02	90	0.5	500	A		

Operating Temperature: 0° to 50° Centigrade
 Storage Temperature: -54° to 85° Centigrade
 Altitude Range: 0 to 50,000 feet
 Moisture Resistance: 95% Relative Humidity

Life Expectancy: 1 x 10⁶ Operations Minimum
 Weight: 5 oz maximum Form A
 Cycling Rate: 60 cps maximum

SMR TRIP INDICATION RELAY DIMENSIONS

ALL DIMENSIONS IN INCHES

