

Earth Leakage Relay

■ Features

- Indicating 1999.
- Relay tripped indicator , Adj timer
- Current setting HOLD function
Input : AC 0 to 20 mA , with ZCT
Display 0 -1999 mA or Amp
- DIN size of W96 x H48.
- Test and reset functions



■ Rating

Model	SCM 1AAA3Ro1	
Measuring	mAC	
Power supply	100/220 VAC 50/60Hz	
Operating voltage range	90 to 110% rated voltage	
Power consumption	AC : 4VA	
Display method	7 Segment LED Display	
Indicating accuracy	F.S ±0,2% rdg. 1digit	
Sampling control	30mS	
Operating method	Dual slope A/D conversion	
Response time	2sec (0 to Max)	
Max, input	20 mA AC	
Sampling time	2,5 Operation/sec	
Power consumption		250VAC 1A 1C

■ Characteristic

Insulation Resistance	100M Min. (At 500VDC) between power input terminal and control output terminal	
Impulse voltage	2000VAC 50/60Hz for 1 minute between power input terminal and control output terminal	
Noise	The square wave noise (pulse width :1 μs) by the noise simulator ±300V	The square wave noise (pulse width1 μs) by the noise simulator± 1KV
Vibration	Mechanical durability	0,75mm amplitude at frequency of 10 to 55Hz in each of X, Y, Z directions for 1hour
	Malfunction durability	0,5mm amplitude at frequency of 10 to 55Hz in each of X, Y, Z directions for 10 minutes
Shock	Mechanical durability	300m/S ² (30G) in X, Y, Z directions for 3 times
	Malfunction durability	100m/S ² (10G) in X, Y, Z directions for 3 times
Ambient operating temperature	0 to 50°C	
Ambient storage temperature	-25 to 65°C (at non-freezing status)	
Ambient humidity	35 to 85% RH	
Weight	SCM D 02Ru-B4: About 170g	