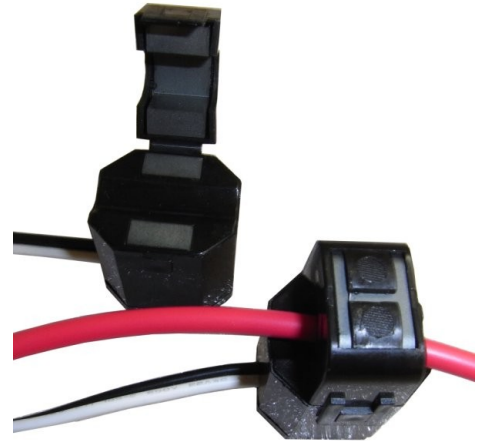
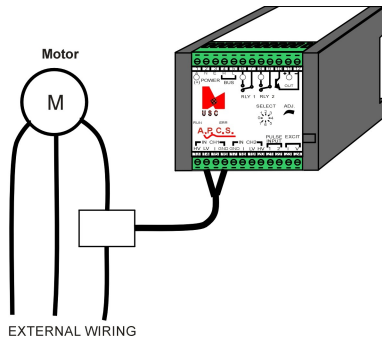


DESCRIPTION

The SCT007 allows removal and refitting without interfering with the load wiring. The SCT007 will extend the current range of any APCS module up to 50A. Very high isolation levels are achieved as the primary conductors insulation is added to the already high isolation level of the SCT007 (5kVrms). The SCT007 develops 0.33mA per Amp-turn in the secondary. The secondary can be safely left short circuit or open circuit. A combined linearity of 0.5% is achieved when the SCT007 is used with an APCS signal conditioning module.

**SPECIFICATION**

Size:	25 W x 38 H x 25 D mm
Input termination:	Feed primary wire through 9 mm hole
Output termination:	1.5m cable
Protection class:	IP65
Weight:	0.1 kg
Housing material:	Duroplastic (type 31)
Input range:	1 to 50A rms.
Accuracy:	Combined accuracy when used with an APCS module generally 0.5 % FSD
Temperature range:	-10 °C to +60 °C
Input/Output Isolation:	5kV rms
Maximum input:	120A rms
Output Current:	Input current x number of primary turns x 0.33mA
Recommended Load Resistor:	100Ω / 0.5W
Frequency range:	25 Hz to 400 Hz
Open circuit output:	40V
Use with:	ACT141, ACT241, DI739 (2 channels), USC701

Typical Application

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