

200A Split Core Current Transformer

SCT008

DESCRIPTION

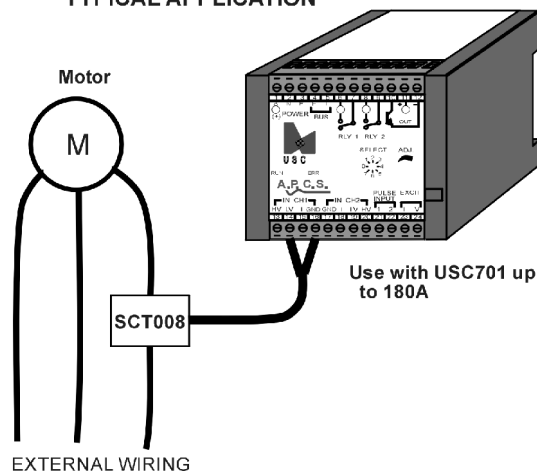
The split core current transformer SCT008 allows fitting and removal without interfering with the load wiring and may be used with any APCS module with AC current input. The SCT008 output or secondary is connected using screw terminals accessible under a clip on cover. Primary termination is achieved by means of one or more turns passed through the window in the SCT008. Very high isolation levels are achieved as the primary conductor insulation level is added to the already high isolation level of the SCT008 (5kVrms). The SCT008 develops 0.33mA per Amp-turn in the secondary. The secondary can be safely left short or open circuit. A combined linearity of 0.5% is available when the SCT008 is used with an APCS module.



SPECIFICATION

Size:	45 W x 76 H x 36 D mm
Input termination:	Feed primary wire through 24 mm window
Output termination:	Screw terminals
Protection class:	IP55
Weight:	0.2 kg
Housing material:	Duroplastic (type 31)
Input range:	10 to 200 A.
Accuracy:	Combined accuracy when used with an A.P.C.S. module generally 0.5 % FSD
Temperature range:	-10 °C to +60 °C
Input/Output Isolation:	5kV rms
Maximum input drive:	200 amp-turns
Output Current:	Input current x number of primary turns x 0.33mA
Recommended Load Resistor:	100 Ω / 0.5W
Frequency range:	25 Hz to 400 Hz
Open circuit output:	16V
Use with:	ACT141, ACT241, DI739 (2 channels), USC701, ACR541 (up to 3 channels)

TYPICAL APPLICATION



*) Price Extra..

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