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FEATURES

- AC sinusoidal measurement
- Average responding
- Voltage output
- Self-powered transducers
- Panel mounting
- Jumper selectable ranges

RS PRO Self-Powered Current Transducer

RS Stock No.: 2100645, 2100643, 2100640



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

AC Current Sensor

Product Description

- *Transducer for the electronic measurement of AC sinusoidal waveform*
- *With galvanic isolation between the primary (high power) and the secondary circuit (electronic circuit) Jumper selectable ranges and self-powered transducers*
- *Application: automation systems analogy current reading for remote monitoring*
- *Data loggers: self-powered transducer does not drain data logger batteries*
- *Panel meter: simple connection displays power consumption*

General Specifications

Operating temperature	-20 degree ~ +65 degree C
Storage temperature	-20 degree ~ +65 degree C
Operating humidity	< 85% RH, No condensation, in-house & any direction installable
Storage humidity (non-condensing)	<85% RH
Mass	45gram
Note	Insulated plastic case recognized according to UL 94-V0

Mechanical Specifications

Primary current	15A/ 5A/ 50A
Output signal	10@Ipn VDC
Supply voltage	Self-powered
Load resistance	1 MOhm
Accuracy	+/- 2 %
Linearity	+/- 1 %
Response time	300 ms
RMS isolation voltage test, 50Hz, 1min	3KV
Output ripple voltage	Within 5% of output voltage
Output terminals	2x M4 -screw, with terminals cover
Frequency bandwidth	50- 60 Hz

AC Current Sensor

Approvals

Standards Met	RoHS compliant, CE, UL94-V0

Similar Products

Stock No.	Brand	Product Name	Primary current
2100640	RS PRO	AC Current Transducer	15A
2100645	RS PRO	AC Current Transducer	5A
2100643	RS PRO	AC Current Transducer	50A

