

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.



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@lpn VDC	
Supply voltage	Self-powered	
Load resistance	1 MOhm	
Accuracy	+/- 2 %	
Linearity	+/- 1 %	
Response time	300 ms	
RMS isolation voltage test, 50Hz, 1min	ЗКV	
Output ripple voltage	Within 5% of output voltage	
Output terminals	2x M4 -screw, with terminals cover	
Frequency bandwidth	50- 60 Hz	



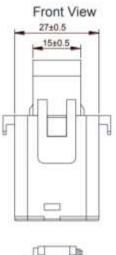
Approvals

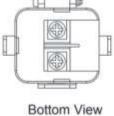
Standards Met

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





Right View

