

FEATURES

- AC sinusoidal measurement
- Panel mounting
- Average responding
- Voltage output

RS PRO AC Current Transducer

RS Stock No.: 2100644, 2100642, 2100639



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 waveforms*
- *With galvanic isolation between the primary (high power) and the secondary circuit (electronic circuit)*
- *Application: automation systems - analogy current reading for remote monitoring*
- *Panel meter: simple connection displays power consumption*

General Specifications

Operating temperature	-25~ +65 degree C
Storage temperature	-25~ +65 degree C
Operating humidity	<85% RH, no condensation, in-house & any direction installable

Mechanical Specifications

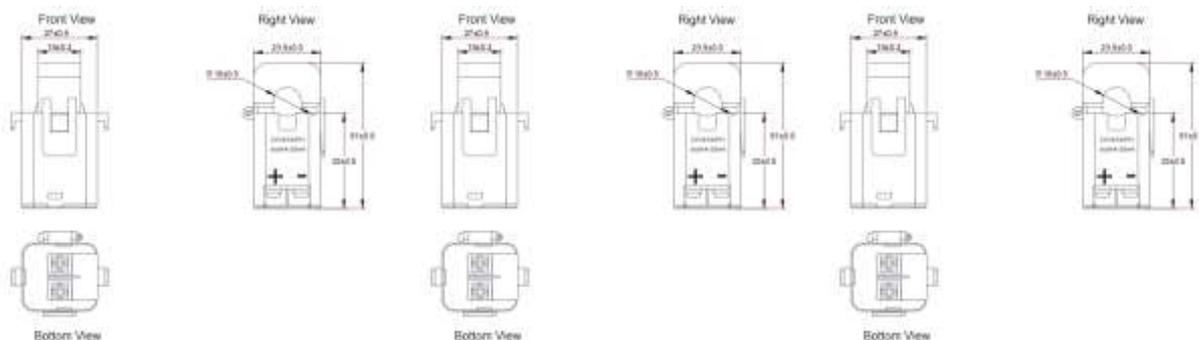
Primary current (A)	15A /5A /50A
Output signal	4-20 mA/dc
Supply voltage (+/-5%)	24 Vdc
Load resistance	<250 Ohm
Accuracy	+/- 2 %
Linearity	+/- 1%
Response time	<400 mS
RMS isolation voltage test, 50Hz 1min	3KV
Frequency bandwidth	50-60 Hz
Output ripple voltage	Within 2% of output voltage
Output terminals	2 xM4-screw, with terminals cover

Approvals

Standards Met	RoHS compliant, CE, UL94
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Similar Products

Stock No.	Brand	Product Name	Primary current
2100639	RS PRO	AC Current Transducer	15A
2100644	RS PRO	AC Current Transducer	5A
2100642	RS PRO	AC Current Transducer	50A



Connection Diagrams / Assembly Diagrams / Illustrations / Accessories