

CST-1020

Description:

Triad current sense transformers are used to detect the current passing through a conductor. These transformers are very reliable and operate efficiently at 50/60 Hz.

Electrical Specifications (@25C)

IP Amps	Turns Ratio	Terminating Resistor		DCR (Ω) Nominal	Volts/Amp@ rated IP for various loads (Ω)				Net Weight Grams
					100	500	2K	5K	
		± 3 Turns	Ohms	Watts					
20	1000:1	100	.04	40	.0977	.3943	.6174	.7662	20

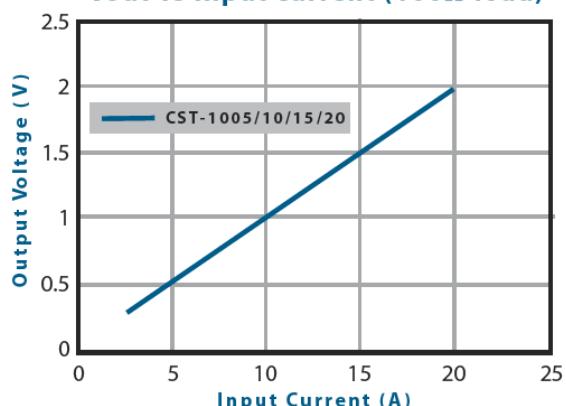
Dimensions:

A	B	C	D	E	F	G
23.50	24.80	12.00	15.00	7.50	8.50	7.50

Units: In mm

Response Curves:

Vout vs Input current (100 Ω load)



Technical Notes:

1. Pin3 for mechanical support only.
2. Pin diameter is 0.8 \pm 0.1 mm.
3. Pin length is 5 \pm 1mm.
4. Accuracy: $\pm 3\%$ from 2A – 20A.
5. Operating Temperature: -10~65°C
6. Storage Temperature: -25~85°C

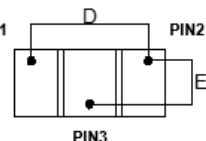
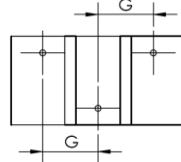
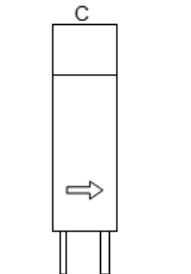
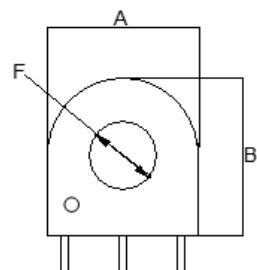
Agency Files:

UL file E205349 – Component, Instrument Transformer (XODW2)

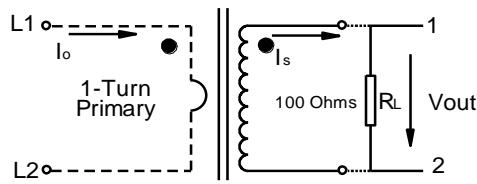


RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics website for the most current version. For soldering and washing information please see <http://www.triadmagnetics.com/faq.html>



BOTTOM VIEW



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Triad Magnetics:](#)

[CST-1020](#)