

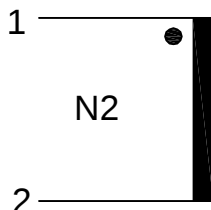


AMGIS

CT Series • Current Sensor for 50/60 Hz

Part Number	CT 1150
Customer	
Product Type	Current transformer

SCHEMATIC:



ELECTRICAL SPECIFICATION:

— Rated input current	: 150Amps
— Primary to Secondary isolation	: 2500VAC
— Operating frequency	: 50 / 60Hz
— Turns ratio	: 1:1000
— DCR	: 11.00Ω
— I_o @ $V_{rms} = 16.6V$	: 1820μArms
— Ratio correction factor (RCF*)	: 1.002 @10% (Multiply current reading by this factor to compensate for transformer losses)
— Operating temperature range	: -55°C to 120°C
— Flammability rating	: UL 94V0

Volt/Amp at rated I_p for different loads			
100Ω	500Ω	2000Ω	5000Ω
0.10	0.37	0.50	0.55

LOAD TEST DETAILS:

Rated I_p =150A
 R_L =100Ω/2.25W
 U_s =15.0V

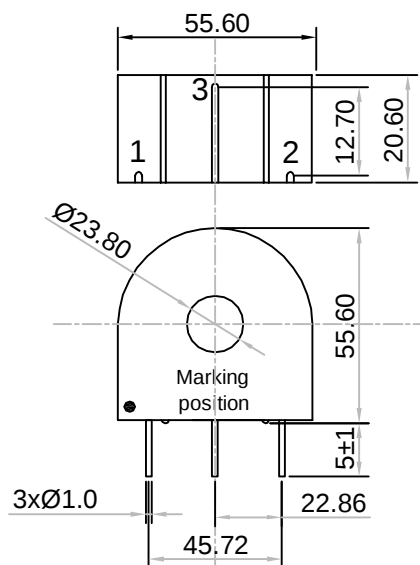
MARKING INFORMATION:

AMGIS
YY/WW CT1150

Trafo Weight:

0.150Kg/pc

MECHANICAL DIMENSIONS:



All dimensions are in mm
Linear dimensional tolerance $\pm 0.2\text{mm}$

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