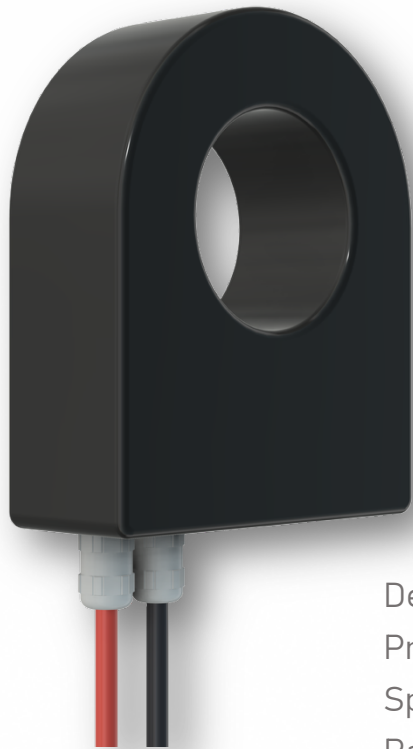




CURRENT TRANSFORMER

I010RV-25M-1818

Indoor Current Transformer for Through-Hole Cable Installation
Toroidal Core 12kV CT RV Shape (ID: 65mm)
IEC 61869-1, IEC 61869-10



Type:	Current transformer
Primary type:	100A
Shape:	Toroidal Core 12kV RV Shape [ID: 65mm]
Burden:	0.1VA
Accuracy:	0.5
Frequency:	50/60Hz
Primary value:	100A
Secondary value:	40mA
Extension:	120%
Isolation-level:	12 / 28 / 75 kV
Cable length:	10m
Cable type:	2 pole separated MV signal cable, unscreened
Connection type:	Open-end
Measuring burden:	0.1VA
Storage temperature:	-40°C – 75°C
Service temperature:	-25°C – +60°C (constant) / -40°C – 75°C (short-term)
Temperature error:	-0.1%@60°C/ +0,15%@-25°C/ -0,2%@75°C/ +0.2%@-40°C max.
TC (equivalent):	Maximal ±30PPM / Typical ±20PPM / Minimal ±<20PPM PTC
Power rating/ consumption:	0.1VA
Additional Information:	none

Describes the type of measuring product
Primary current value for fast identification/ primary product code value
Specified shape / dimensions
Rated burden of product (standard >10kΩ) / 1VA standard for classic CTs
Accuracy class(es) according to specified standard, depends on ratio
Applicable base net frequencies, depends on region
Primary value @ line = primary (ratio) / standard ratios see tabloid next page
Secondary value @ IED = secondary (ratio) / standard ratios see tabloid next page
Upper measuring limit within accuracy class / limited by I _{cont} of given ratio
Isolation level according to specified standard – for use on screened MV cables
Length of specific cable
Generic description of implemented cable
Interconnection between the sensor (transformer) and IED = input connection
Measuring burden @ testing bench, equals IED(s) input impedance/ used burden (CTs)
Maximal storage temperature range, avoid extremes for longer than 72h
Permitted constant and short-term ambience temperatures in operation
Maximal deviations in percent at temperature extremes
Corresponding temperature coefficient in parts per million (curve = quasi-linear)
Power consumption @ nominal primary value / equals burden for classic CTs

