GWP greenwood power

CURRENT SENSOR

ExxxE

Indoor Residual Current Sensor for Retrofit Installation over 3 cables
Flexible Split Core Current Sensor Big ECO Shape E
IEC 61869-1, IEC 61869-10

Type:	Current sensor	Describes the type of measuring product
Primary type:	60A (standard)	Primary current value for fast identification/ primary product code value
Shape:	Split Core Current Sensor Big ECO Shape E	Specified shape / dimensions
Burden:	>10kΩ	Rated burden of product (standard >10kΩ) / 1VA standard for classic CTs
Accuracy:	3/1 (standard; 0.5 max.)	Accuracy class(es) according to specified standard, depends on ratio
Frequency:	50/60Hz (standard)	Applicable base net frequencies, depends on region
Primary value:	60A (other variants on request)	Primary value @ line = primary (ratio) / standard ratios see tabloid next page
Secondary value:	225mV standard (other values on request)	Secondary value @ IED = secondary (ratio) / standard ratios see tabloid next page
Extension:	120% standard (400% max.)	Upper measuring limit within accuracy class / limited by I_{cont} of given ratio
Isolation-level:	- / 0.72 / 3 kV	Isolation level according to specified standard – for use on screened MV cables
Cable length:	2m standard (available lengths: 3.7m / 5m / 8m / 10m)	Length of specific cable
Cable type:	2 pole, 0.34, twisted pair, grey, shielded + braid, assembled 80°C	Generic description of implemented cable
Connection type:	Open-end (standard) / RJ45 (variable pinning) / BNC	Interconnection between the sensor (transformer) and IED = input connection
Measuring burden:	>10kΩ [maybe >30kΩ on low primaries]	Measuring burden @ testing bench, equals IED(s) input impedance/ used burden (CTs)
Storage temperature:	-40°C – 75°C	Maximal storage temperature range, avoid extremes for longer than 72h
Service temperature:	-25°C - +60°C (constant) / -40°C – 75°C (short-term)	Permitted constant and short-term ambience temperatures in operation
Temperature error:	-0.1%@60°C/ +0,15%@-25°C/ -0,2%@75°C/ +0.2%@-40°C max.	Maximal deviations in percent at temperature extremes
TC (equivalent):	Maximal ±30PPM / Typical ±20PPM / Minimal ±<20PPM PTC	Corresponding temperature coefficient in parts per million (curve = quasi-linear)
Power rating/ consumption:	<1VA	Power consumption @ nominal primary value / equals burden for classic CTs

Additional Information:

Data Fields in Green are customer-defined, and therefore vary with specific product
Every specific product has a specific code
All this specific data fields are also shown in the official offers and orders
All data is locked to a specific no/ code, so if a value changes this code will change