PWCT

Plug-N-Wire Current Transformer



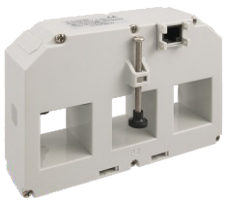
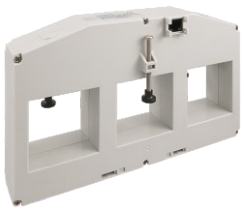
General characteristics

- Rj45 connector, 330mV output
- Safe to leave transformers on load with output disconnected
- Foot, busbar or DIN rail mounting
- Fits standard moulded circuit breaker frame sizes
- Available in 21 x 25mm, 31 x 31 mm, 54 x 50mm apertures

*Available in 15 x 30mm, 16 x 20 mm on request

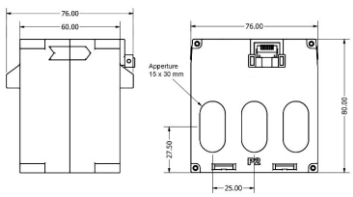
Certifications : CE

PWCT Series

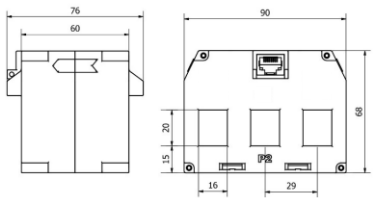
Model	Product Code	Primary	Output
PWCT-15/30  * Available on special request	PWCT-15/30-60A/330mV	60A	330mV
	PWCT-15/30-100A/330mV	100A	330mV
	PWCT-15/30-125A/330mV	125A	330mV
	PWCT-15/30-160A/330mV	160A	330mV
PWCT-16/20  * Available on special request	PWCT-16/20-60A/330mV	60A	330mV
	PWCT-16/20-100A/330mV	100A	330mV
	PWCT-16/20-125A/330mV	125A	330mV
	PWCT-16/20-160A/330mV	160A	330mV
	PWCT-16/20-200A/330mV	200A	330mV
PWCT-21/25 	PWCT-21/25-60A/330mV	60A	330mV
	PWCT-21/25-100A/330mV	100A	330mV
	PWCT-21/25-125A/330mV	125A	330mV
	PWCT-21/25-160A/330mV	160A	330mV
	PWCT-21/25-200A/330mV	200A	330mV
	PWCT-21/25-250A/330mV	250A	330mV
PWCT-31/31 	PWCT-31/31-250A/330mV	250A	330mV
	PWCT-31/31-400A/330mV	400A	330mV
	PWCT-31/31-600A/330mV	600A	330mV
	PWCT-31/31-630A/330mV	630A	330mV
PWCT-54/50 	PWCT-54/50-800A/330mV	800A	330mV
	PWCT-54/50-1000A/330mV	1000A	330mV
	PWCT-54/50-1250A/330mV	1250A	330mV
	PWCT-54/50-1600A/330mV	1600A	330mV

Dimension (All are in mm)

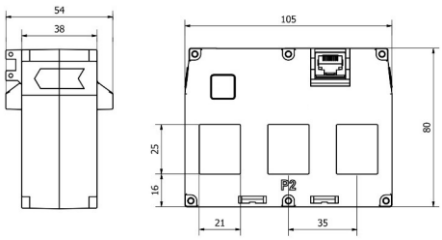
PWCT 15 x 30



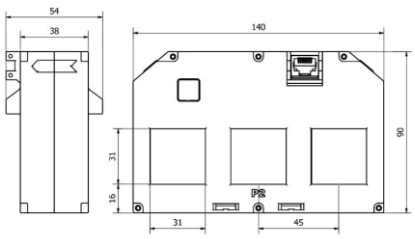
PWCT 16 x 20



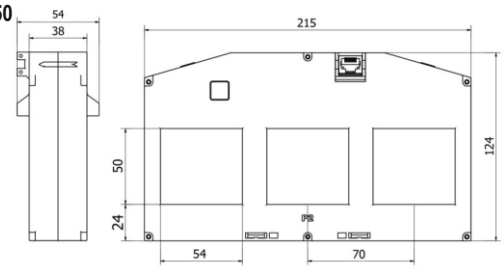
PWCT 21 x 25



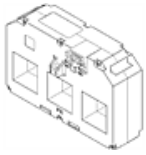
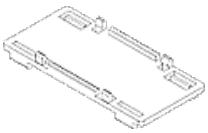
PWCT 31 x 31



PWCT 54 x 50



ESSENTIAL PWCT ACCESSORIES

	Current Transformer	1 1
	Food Mount Bracket	4
	DIN Rail Mounting Bracket	1
	Screw M4 x 50mm	3
	Nut M4	3
	Busbar Insulator	3
	Installation Guide	1

SPECIFICATIONS

Accuracy Class	Class 1 to IEC/ EN60044-8 & IEC/EN61869-2
Frequency range (f^R)	47 to 63 Hz
Highest Voltage (Um)	0.72 kV R.M.S.
Rated continuous overcurrent	1.2 x rated current
Rated short time thermal current (Ith)	<60 In / 1 second
Rated dynamic current (Idyn)	2.5 Ith
Rated secondary burden	>5 k Ω
Rated insulation level	3kV R.M.S. 50 Hz / 1min
Operating temperature range	-25 C to 40 C
Storage temperature range	-40 C to 85 C
Relative humidity	≤ 85% non-condensing
IP rating	Housing : IP40,Terminal : IP20
Housing material	Self - extinguishing polycarbonate
Altitude of operation	≤ 2000m

CE Developed and manufactured in accordance with the applicable EU regulations En61010 and low voltage directive 2014/35/EU.

RoHS COMPLIANT

PLUG-N-WIRE ACCESSORIES



Rj45 Connector to carry 330mv

Order code:
ACH-003



Power Cable

Order code:
1 mtr - PWCBL_CON-M/F-1
3 mtr - PWCBL_CON-M/F-3



Daisy Chain Connector

Order code:
1 mtr - PWCBL_CON-M/F-1
3 mtr - PWCBL_CON-M/F-3



Connector

Order code:
PWCON-Male
PWCON-Female