

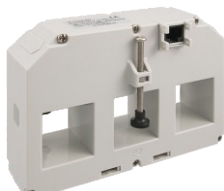
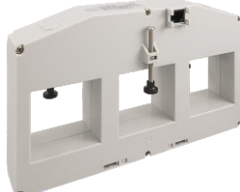


### Features :

- 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 31mm, 54 x 50mm apertures
- \*Available in 15.5 x 25mm, 16 x 20mm on request

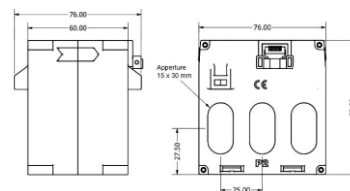
Certification : 

## PWCT Series

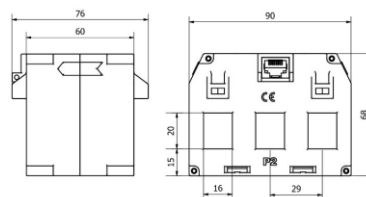
| Model                                                                                                                 | Product Code            | Primary | Output |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------|---------|--------|
| <br>* Available on special request   | PWCT-15.5/25-60A/330mV  | 60A     | 330mV  |
|                                                                                                                       | PWCT-15.5/25-100A/330mV | 100A    | 330mV  |
|                                                                                                                       | PWCT-15.5/25-125A/330mV | 125A    | 330mV  |
|                                                                                                                       | PWCT-15.5/25-150A/330mV | 150A    | 330mV  |
|                                                                                                                       | PWCT-15.5/25-160A/330mV | 160A    | 330mV  |
| <br>* 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-16/20-150A/330mV   | 150A    | 330mV  |
|                                                                                                                       | PWCT-16/20-160A/330mV   | 160A    | 330mV  |
|                                    | PWCT-21/25-60A/330mV    | 60A     | 330mV  |
|                                                                                                                       | PWCT-21/25-100A/330mV   | 100A    | 330mV  |
|                                                                                                                       | PWCT-21/25-125A/330mV   | 125A    | 330mV  |
|                                                                                                                       | PWCT-21/25-150A/330mV   | 150A    | 330mV  |
|                                                                                                                       | PWCT-21/25-160A/330mV   | 160A    | 330mV  |
|                                                                                                                       | PWCT-21/25-200A/330mV   | 200A    | 330mV  |
|                                    | PWCT-31/31-250A/330mV   | 250A    | 330mV  |
|                                                                                                                       | PWCT-31/31-300A/330mV   | 300A    | 330mV  |
|                                                                                                                       | PWCT-31/31-400A/330mV   | 400A    | 330mV  |
|                                                                                                                       | PWCT-31/31-500A/330mV   | 500A    | 330mV  |
|                                                                                                                       | PWCT-31/31-600A/330mV   | 600A    | 330mV  |
|                                                                                                                       | PWCT-31/31-630A/330mV   | 630A    | 330mV  |
|                                     | 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  |

Dimensions (All are in mm)

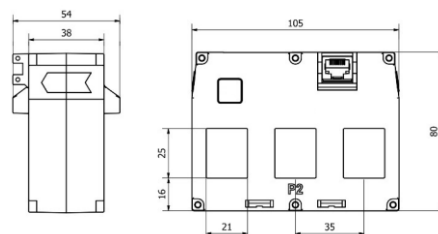
#### PWCT 15.5 x 25



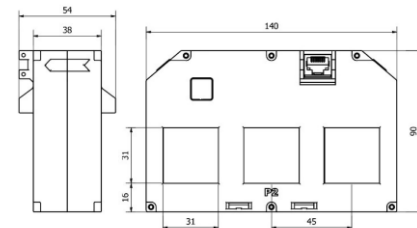
#### PWCT 16 x 20



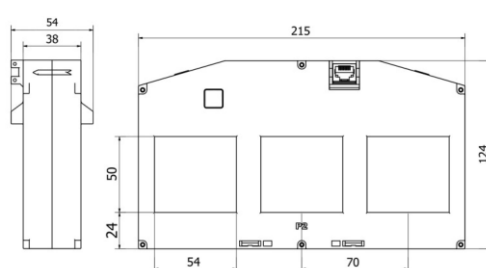
#### PWCT 21 x 25



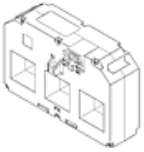
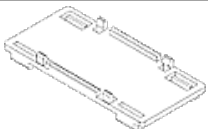
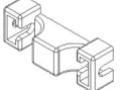
#### PWCT 31 x 31



#### PWCT 54 x 50



## ESSENTIAL PWCT ACCESSORIES

|                                                                                     |                           |   |
|-------------------------------------------------------------------------------------|---------------------------|---|
|    | Current Transformer       | 1 |
|    | Foot Mount Bracket        | 4 |
|    | DIN Rail Mounting Bracket | 1 |
|    | Screw M4 x 50mm           | 3 |
|    | Nut M4                    | 3 |
|    | Busbar Insulator          | 3 |
|   | Sealable RJ Cable Cover   | 1 |
|  | Installation Guide        |   |

## SPECIFICATIONS

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

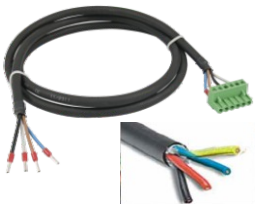


Developed and manufactured in accordance with the applicable EU regulations EN61010 and low voltage directive 2014/35/EU.

**RoHS**  
COMPLIANT

## PLUG-N-WIRE ACCESSORIES

|                                                                                     |                                                                           |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
|  | <b>RJ45 Connector to carry 330mv</b><br><br><b>Order code:</b><br>ACH-003 |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|

|                                                                                      |                                                                                            |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | <b>Power Cable</b><br><br><b>Order code:</b><br>1mtr: PWCBL_CON-F-1<br>3mtr: PWCBL_CON-F-3 |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

|                                                                                     |                                                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  | <b>Daisy Chain Connector</b><br><br><b>Order code:</b><br>1 mtr - PWCBL_CON-M/F-1<br>3 mtr - PWCBL_CON-M/F-3 |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

|                                                                                      |                                                                          |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
|  | <b>Connector</b><br><br><b>Order code:</b><br>PWCON-Male<br>PWCON-Female |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------|