

# Product datasheet

Specifications



## current transformer tropicalised DIN mount 100 5 for cables d. 21

Local distributor code: 397544062    METSECT5CC010

### Main

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Range                     | PowerLogic                                                  |
| Product name              | CT                                                          |
| Product or component type | Current transformer                                         |
| Secondary current         | 5 A                                                         |
| Accuracy class            | Class 0.5 at 2 VA<br>Class 1 at 2.5 VA<br>Class 3 at 3.5 VA |
| [In] rated current        | 100 A                                                       |

### Complementary

|                                             |                              |
|---------------------------------------------|------------------------------|
| Current transformer type                    | Tropicalised for cable       |
| Current transformer ratio                   | 100/5                        |
| [Ith] conventional free air thermal current | 6 kA                         |
| Dynamic withstand current                   | 2.5 Ith                      |
| Maximum safety factor                       | 5                            |
| [Ue] rated operational voltage              | < 720 V AC 50/60 Hz          |
| [Ui] rated insulation voltage               | 3 kV                         |
| Mounting mode                               | By screws<br>Clip-on         |
| Mounting support                            | Mounting plate<br>DIN rail   |
| Width                                       | 44 mm outside:               |
| Height                                      | 65 mm outside:               |
| Depth                                       | 30 mm frame:<br>37 mm total: |
| Diameter                                    | 21 mm                        |
| Net weight                                  | 0.19 kg                      |
| [Uimp] rated impulse withstand voltage      | 3 kV                         |
| Electrical insulation class                 | Class B                      |
| Cable outer diameter                        | 21 mm                        |
| Sealing                                     | With                         |

## Environment

|                                       |                         |
|---------------------------------------|-------------------------|
| Standards                             | VDE 0414<br>IEC 61869-2 |
| Product certifications                | EAC<br>CE               |
| IP degree of protection               | IP20                    |
| Relative humidity                     | 0...95 %                |
| Ambient air temperature for operation | -25...60 °C             |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 200.0 g |
| Package 1 Height             | 6 cm    |
| Package 1 width              | 5.5 cm  |
| Package 1 Length             | 8.5 cm  |
| Unit Type of Package 2       | P12     |
| Number of Units in Package 2 | 400     |
| Package 2 Weight             | 88.8 kg |
| Package 2 Height             | 45 cm   |
| Package 2 width              | 80 cm   |
| Package 2 Length             | 120 cm  |
| Unit Type of Package 3       | S02     |
| Number of Units in Package 3 | 50      |
| Package 3 Weight             | 10.0 kg |
| Package 3 Height             | 15 cm   |
| Package 3 width              | 30 cm   |
| Package 3 Length             | 40 cm   |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|