

# Product datasheet

Specifications



## current transformer tropicalised DIN mount 300 5 for bars 10x40 20x32 25x25

Local distributor code: 397547577 METSECT5MC030

### Main

|                           |                                      |
|---------------------------|--------------------------------------|
| Range                     | PowerLogic                           |
| Product name              | CT                                   |
| Product or component type | Current transformer                  |
| Secondary current         | 5 A                                  |
| Accuracy class            | Class 0.5 at 5 VA<br>Class 1 at 8 VA |
| [In] rated current        | 300 A                                |

### Complementary

|   |   |
|---|---|
| Current transformer type                    | Tropicalised for busbar and cable               |
| Current transformer ratio                   | 300/5   |
| [Ith] conventional free air thermal current | 18 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                               | Insulated locking screw<br>Clip-on<br>By screws |
| Mounting support                            | Mounting plate<br>DIN rail<br>Busbar            |
| Width                                       | 70 mm outside:<br>41 mm inner:                  |
| Height                                      | 95 mm outside:<br>41 mm inner:                  |
| Depth                                       | 45 mm frame:<br>65 mm total:                    |
| Diameter                                    | 32 mm   |
| Net weight                                  | 0.389 kg  |
| [Uimp] rated impulse withstand voltage      | 3 kV  |
| Electrical insulation class                 | Class B   |
| Cable outer diameter                        | 32 mm   |

|                        |   |
|------------------------|---|
| <b>Opening of bars</b> | 32.5 x 20.5<br>25.5 x 25.5<br>40.5 x 10.5 |
|------------------------|---|

|                |         |
|----------------|---------|
| <b>Sealing</b> | Without |
|----------------|---------|

## Environment

|                  |                         |
|------------------|-------------------------|
| <b>Standards</b> | IEC 61869-2<br>VDE 0414 |
|------------------|-------------------------|

|                               |    |
|-------------------------------|----|
| <b>Product certifications</b> | CE |
|-------------------------------|----|

|                                |      |
|--------------------------------|------|
| <b>IP degree of protection</b> | IP20 |
|--------------------------------|------|

|                          |          |
|--------------------------|----------|
| <b>Relative humidity</b> | 0...95 % |
|--------------------------|----------|

|  |             |
|--|-------------|
| <b>Ambient air temperature for operation</b> | -25...60 °C |
|--|-------------|

## Packing Units

|                               |     |
|-------------------------------|-----|
| <b>Unit Type of Package 1</b> | PCE |
|-------------------------------|-----|

|                                     |   |
|-------------------------------------|---|
| <b>Number of Units in Package 1</b> | 1 |
|-------------------------------------|---|

|                         |         |
|-------------------------|---------|
| <b>Package 1 Weight</b> | 382.0 g |
|-------------------------|---------|

|                         |      |
|-------------------------|------|
| <b>Package 1 Height</b> | 7 cm |
|-------------------------|------|

|                        |      |
|------------------------|------|
| <b>Package 1 width</b> | 9 cm |
|------------------------|------|

|                         |         |
|-------------------------|---------|
| <b>Package 1 Length</b> | 11.5 cm |
|-------------------------|---------|

|                               |     |
|-------------------------------|-----|
| <b>Unit Type of Package 2</b> | S03 |
|-------------------------------|-----|

|                                     |    |
|-------------------------------------|----|
| <b>Number of Units in Package 2</b> | 33 |
|-------------------------------------|----|

|                         |           |
|-------------------------|-----------|
| <b>Package 2 Weight</b> | 13.093 kg |
|-------------------------|-----------|

|                         |       |
|-------------------------|-------|
| <b>Package 2 Height</b> | 30 cm |
|-------------------------|-------|

|                        |       |
|------------------------|-------|
| <b>Package 2 width</b> | 30 cm |
|------------------------|-------|

|                         |       |
|-------------------------|-------|
| <b>Package 2 Length</b> | 40 cm |
|-------------------------|-------|

## Offer Sustainability

|                                 |                       |
|---------------------------------|-----------------------|
| <b>Sustainable offer status</b> | Green Premium product |
|---------------------------------|-----------------------|

|                         |                                   |
|-------------------------|-----------------------------------|
| <b>REACH Regulation</b> | <a href="#">REACH Declaration</a> |
|-------------------------|-----------------------------------|

|                           |     |
|---------------------------|-----|
| <b>REACH free of SVHC</b> | Yes |
|---------------------------|-----|

|                          |  |
|--------------------------|--|
| <b>EU RoHS Directive</b> | Compliant<br><a href="#">EU RoHS Declaration</a> |
|--------------------------|--|

|                     |     |
|---------------------|-----|
| <b>Mercury free</b> | Yes |
|---------------------|-----|

|                                   |                     |
|-----------------------------------|---------------------|
| <b>RoHS exemption information</b> | <a href="#">Yes</a> |
|-----------------------------------|---------------------|

|                              |  |
|------------------------------|--|
| <b>China RoHS Regulation</b> | <a href="#">China RoHS declaration</a> |
|------------------------------|--|

|                                 |   |
|---------------------------------|---|
| <b>Environmental Disclosure</b> | <a href="#">Product Environmental Profile</a> |
|---------------------------------|---|

|                            |   |
|----------------------------|---|
| <b>Circularity Profile</b> | <a href="#">End of Life Information</a> |
|----------------------------|---|

|             |   |
|-------------|---|
| <b>WEEE</b> | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
|-------------|---|

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|