# Product data sheet
## Characteristics

# METSECT5DC250
current transformer tropicalised 2500 5 double output for bars 54x127



## Main

| | |
|---|---|
| Range | PowerLogic |
| Product or component type | Current transformer |
| Product name | CT |
| Secondary current | 5 A |
| Accuracy class | Class 0.5 at 30 VA<br>Class 1 at 50 VA |
| [In] rated current | 2500 A |

## Complementary

| | |
|---|---|
| Current transformer type | Tropicalised for busbar<br>Solid core |
| Current transformer ratio | 2500/5 |
| [Ith] conventional free air thermal current | 60 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 |
| Mounting support | Busbar |
| Width | Outside: 125 mm<br>Inner: 54 mm |
| Height | Outside: 160 mm<br>Inner: 127 mm |
| Depth | Frame : 40 mm<br>Total : 87 mm |
| Net weight | 0.85 Kg |
| [Uimp] rated impulse withstand voltage | 3 KV |
| Electrical insulation class | Class B |
| Opening of bars | 54 x 127 |
| Sealing | With |

## Environment

| | |
|---|---|
| Standards | VDE 0414<br>IEC 61869-2 |
| Product certifications | EAC[RETURN]CE |
| IP degree of protection | IP20 |
| Relative humidity | 0…95 % |
| Ambient air temperature for operation | -25…50 °C |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 13.600 Cm |
| Package 1 Width | 10.400 Cm |
| Package 1 Length | 17.000 Cm |
| Package 1 Weight | 1.015 Kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 30.000 Cm |
| Package 2 Width | 30.000 Cm |
| Package 2 Length | 40.000 Cm |
| Package 2 Weight | 10.546 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 83 |
| Total lifecycle Carbon footprint | 229 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 7.983461052162188 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 8 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.775434880675256 |
| Carbon footprint of the distribution phase [A4] | 0.8 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.113023338825431 |
| Carbon footprint of the installation phase [A5] | 0.1 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 218.63443622927852 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 219 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 1.4390166206107478 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 1 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 229 |
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| SCIP Number | 76ef2415-e8df-41ac-934d-14936531e31b |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which |
| End of life manual availability | End Of Life Information |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised