

# Product datasheet

Specifications



current transformer tropicalised  
DIN mount 500 5 cables d. 40 -  
bars 12x50 20x40

METSECT5MD050

## Main

Range	PowerLogic
Product name	CT
product or component type	Current transformer
Secondary current	5 A
Accuracy class	Class 0.5 at 4 VA Class 1 at 6 VA
[In] rated current	500 A

## Complementary

current transformer type	Tropicalised for busbar and cable
Current transformer ratio	500/5
[Ith] conventional free air thermal current	30 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 Clip-on By screws
mounting support	DIN rail Busbar Mounting plate
Width	Outside: 70 mm
Height	Outside: 95 mm
Depth	Frame : 45 mm Total : 65 mm
Diameter	40 mm
net weight	0.329 kg
[Uimp] rated impulse withstand voltage	3 kV
Electrical insulation class	Class B
Cable outer diameter	40 mm
Opening of bars	50.5 x 12.5 40.5 x 20.5
Sealing	Without

## Environment

<b>Standards</b>	VDE 0414 IEC 61869-2
<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 Height</b>	7.0 cm
<b>Package 1 Width</b>	9.0 cm
<b>Package 1 Length</b>	11.5 cm
<b>Package 1 Weight</b>	339.0 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	33
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	11.674 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins