

Product datasheet

Specifications



PowerLogic Split Core Current Transformer - Type HJ, for cable - 0500A / 5A

METSECT5HJ050

Main

Range	PowerLogic
Product Name	CT
Product Or Component Type	Current transformer
Secondary Current	5 A
Accuracy Class	Class 1 at 5 VA
[In] Rated Current	500 A

Complementary

Current Transformer Type	Standard for cable Split core
Current Transformer Ratio	500/5
[Ith] Conventional Free Air Thermal Current	600 A
Maximum Safety Factor	5
Permissible Current	30000 A during 1 s
[Ue] Rated Operational Voltage	< 720 V 50 Hz
[Ui] Rated Insulation Voltage	3 kV
Mounting Mode	Clip-on
Width	Outside: 67 mm
Height	Outside: 96 mm
Diameter	42.4 mm inner:
Electrical Insulation Class	Class E
Cable Outer Diameter	42.4 mm
Connections - Terminals	Cable 2 cable(s) 0.5...1.5 mm² 0.5 m

Environment

Standards	DIN EN 60044-1 DIN EN 61869-1 DIN EN 61869-2 VDE 0414
Ambient Air Temperature For Operation	-5...50 °C
Ambient Air Temperature For Storage	-25...70 °C

Packing Units

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	7.0 cm
Package 1 Length	10.0 cm
Package 1 Weight	416.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	16
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.95 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-CO₂ 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 >](#)

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Compliant	EU RoHS Declaration
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	