Product data sheet
Characteristics

METSECT5HD030
PowerLogic Split Core Current Transformer - Type HD, for cable diameter 27.9mm, 0300A / 5A



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 1 at 1.5 VA
[In] rated current	300 A

Complementary

Current transformer type	Standard for cable Split core
Current transformer ratio	300/5
[Ith] conventional free air thermal current	360 A
Maximum safety factor	5
Permissible current	18000 A during 1 s
[Ue] rated operational voltage	< 720 V 50 Hz
[Ui] rated insulation voltage	3 KV 50 Hz for 1 minute
Mounting mode	Clip-on
Width	Outside: 49 mm
Height	Outside: 79.5 mm
Depth	59 Mm
Diameter	27 Mm inner:
Electrical insulation class	Class E
Cable outer diameter	27.9 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 Cm
Package 1 Width	7.0 Cm
Package 1 Length	7.7 Cm
Package 1 Weight	252.0 G
Unit Type of Package 2	S02
Number of Units in Package 2	18
Package 2 Height	15.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	4.8 Kg

Offer Sustainability

Recyclability potential, in %	78
Total lifecycle Carbon footprint	46 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.6196364709146833
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1544345563839025
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.016342872642050844
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	43.66700457940764
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	44 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.39199050613099146
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	46
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
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