Product data sheet
Characteristics

METSECT5HM040
PowerLogic Split Core Current Transformer - Type HM, for cable diameter 42.4mm, 0400A / 5A



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 1 at 5 VA
[In] rated current	400 A

Complementary

Current transformer type	Standard for cable Split core
Current transformer ratio	400/5
[Ith] conventional free air thermal current	480 A
Maximum safety factor	5
Permissible current	24000 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: 67 mm Inner: 42.4 mm
Height	Outside: 139 mm Inner: 85 mm
Depth	69 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.3 Cm
Package 1 Width	7.0 Cm
Package 1 Length	14.4 Cm
Package 1 Weight	466.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	11.7 Kg

Offer Sustainability

Recyclability potential, in %	78
Total lifecycle Carbon footprint	59 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2.995042045421597
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2855813622019784
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.030221343853951164
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	55.42204027988519
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	55 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]	0.7248713327660398
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	59
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