Product data sheet
Characteristics

METSECT5CC010
current transformer tropicalised DIN mount 100 5 for cables d. 21



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 0.5 at 2 VA Class 1 at 2.5 VA Class 3 at 3.5 VA
[In] rated current	100 A

Complementary

Current transformer type	Tropicalised for cable Solid core
Current transformer ratio	100/5
[Ith] conventional free air thermal current	6 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 50 Hz for 1 minute
Mounting mode	By screws Clip-on
Mounting support	Mounting plate DIN rail
Width	Outside: 44 mm
Height	Outside: 65 mm
Depth	Frame : 30 mm Total : 37 mm
Diameter	21 Mm
Net weight	0.19 Kg
[Uimp] rated impulse withstand voltage	3 KV
Electrical insulation class	Class B
Cable outer diameter	21 Mm
Sealing	With

Environment

Standards	VDE 0414 IEC 61869-2
Product certifications	EAC[RETURN]CE
IP degree of protection	IP20
Relative humidity	0…95 %
Ambient air temperature for operation	-25…60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.600 Cm
Package 1 Width	5.600 Cm
Package 1 Length	8.400 Cm
Package 1 Weight	190.300 G
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	9.810 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	400
Package 3 Height	27.500 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	90.080 Kg

Offer Sustainability

Recyclability potential, in %	77
Total lifecycle Carbon footprint	16 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.205794659373765
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.11702423927983283
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.03349915068797785
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	14.550149386966917
Carbon footprint of the use phase [B2, B3, B4, B6]	15 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.33240721691294367
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	16
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	Cff808d6-5d51-48cc-84b9-1e988cc717ac
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised