Product data sheet
Characteristics

METSECT5MA030
current transformer tropicalised DIN mount 300 5 cables d. 27 - bars 10x32 15x25



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 0.5 at 8 VA Class 1 at 10 VA
[In] rated current	300 A

Complementary

Current transformer type	Tropicalised for busbar and cable Solid core
Current transformer ratio	300/5
[Ith] conventional free air thermal current	18 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	Insulated locking screw By screws Clip-on
Mounting support	DIN rail Busbar Mounting plate
Width	Outside: 56 mm
Height	Outside: 80 mm
Depth	Frame : 43 mm Total : 63 mm
Diameter	27 Mm
Net weight	0.303 Kg
[Uimp] rated impulse withstand voltage	3 KV
Electrical insulation class	Class B
Cable outer diameter	27 Mm
Opening of bars	32.5 x 10.5 25.5 x 15.5
Sealing	Without

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	7.200 Cm
Package 1 Width	7.000 Cm
Package 1 Length	9.000 Cm
Package 1 Weight	313.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	11.710 Kg

Offer Sustainability

Recyclability potential, in %	71
Total lifecycle Carbon footprint	39 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.880140248565467
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.17278291726177072
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.05171331069801137
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	36.320394493771865
Carbon footprint of the use phase [B2, B3, B4, B6]	36 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]	0.520258050135644
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	39
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	76ef2415-e8df-41ac-934d-14936531e31b
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 and

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised