

SMARTFOX

Additional - current transformer 200/5A & 500/5A

Technical data sheet

Systems with maximum currents of 200A or 500A can be detected via the 200/5A or 500/5A current transformers. The hinged core rings are particularly suitable for retrofitting in the distribution system. The robust construction and the high measuring accuracy distinguish these current transformers. The connection to one of the SMARTFOX energy managers is established via an 80A or 100A current transformer from the SMARTFOX product range. A direct connection of the 200A or 500A current transformers to a SMARTFOX energy manager is not possible.



Product information

Technical data

	Current transformer 200/5A	Current transformer 500/5A
Article number (EAN)	0791732486490	0791732486650
Current transformer core version	divisible	divisible
Primary/secondary current	200A / 5A	500A / 5A
Nominal voltage primary	230VAC / 400VAC	230VAC / 400VAC
Rated voltage secondary	0.33VAC	0.33VAC
Minimum primary power	1,5VA	2.5VA
Uiso / Uprimary (max.)	600VAC / 5000VAC	600VAC / 5000VAC
Test voltage	3kV	3kV
Frequency range	50Hz - 60Hz	50Hz - 60Hz
Operating temperature	-15°C to +60°C	-15°C to +60°C
Implementation for measuring conductors	ø24mm	ø50mm
Connection lines secondary	105cm / 2, ⁵ mm ²	105cm / 2, ⁵ mm ²
Terminating plug connection	Kabellize tin plated	Kabellize tin plated
Measurement tolerance	Class 1	Class 1
Certificates	RoHS / CE	RoHS / CE

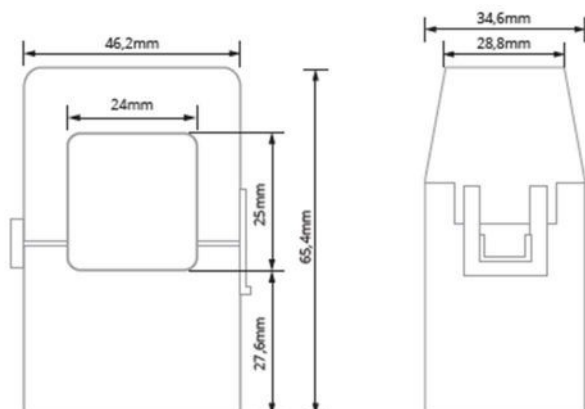
Function overview

Current transformer 200/5A or 500/5A in combination with a SMARTFOX energy manager

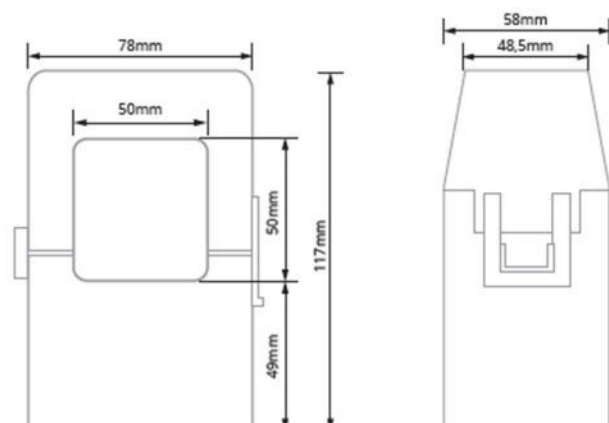


Dimensions

Current transformer 200/5A (divisible)



Current transformer 500/5A (divisible)



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SMARTFOX Energy Management