

Current transformers for Fronius Smart Meters

Flexible measurements

Risk-free photovoltaic optimization: In large PV systems, high output current can no longer be recorded with Smart Meters that measure directly. The Fronius Smart Meter CT current transformer alters the current into a signal that is reliably measured and converted. Installing the Fronius Smart Meter CT is especially convenient. Thanks to the split-core technology, the current transformer can be placed around the conductor without having to disconnect the cable for installation.



			Fronius Smart Meter CT A				
			100A/5A	150A/5A	200A/5A	250A/5A	400A/5A
Technical data	Compatible Fronius Smart Meters		Fronius Smart Meter TS 5kA-3 Fronius Smart Meter 50kA-3				
	Accuracy		1 ¹				
	Type of installation		Split-core				
	Dimensions (height x width x depth)	mm	66.5 x 45 x 34.4			81.5 x 57 x 38.4	
	Diameter	mm	24			36	
	Cable length	m	1				
	Temperature range	°C	-40 to +65				
Apparent ohmic resistance	Class 1	VA	0.3	1	1	2.5	5

¹ Depending on the apparent ohmic resistance



			Fronius Smart Meter CT V		
			100A/333mV	250A/333mV	400A/333mV
Technical data	Compatible Fronius Smart Meters		Fronius Smart Meter WR 100-600 V-3 Fronius Smart Meter IP		
	Accuracy		1		
	Type of installation		Split-core		
	Dimensions (height x width x depth)	mm	46 x 31.5 x 31.5	66.5 x 45 x 34.4	81.5 x 57 x 38.4
	Diameter	mm	16	24	36
	Cable length	m	1		
	Temperature range	°C	-40 to +65		