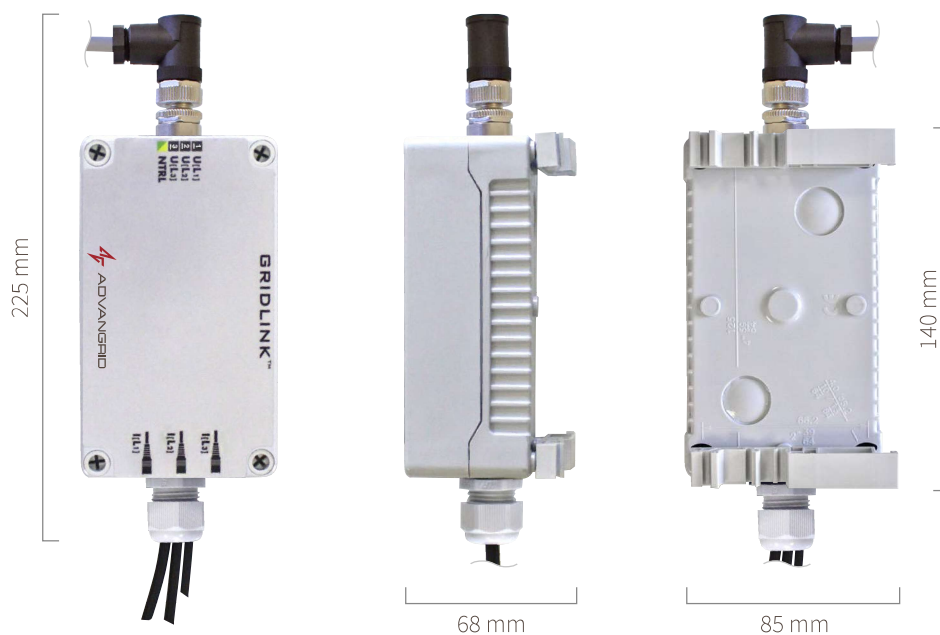


View



Specification

Connection	Type	4-wire, 3-element (3P4W)
	Voltage	Direct
	Current	Rogowski coils with open loop (opening diameter 50–200 mm)
Voltage	Nominal working voltage	3x230/400 V
	Working voltage range	0.5- U_n ... 1.15- U_n
	Nominal frequency	50 Hz
Current*	Nominal current, I_n	10A; 20A; 40A
	Max current, I_{max}	100A; 200A; 400A (1000A, 2000A, 5000A)
	Min current, I_{min}	0.05- I_n
	Starting current, I_{st}	0.002- I_n * switchable range
Registered parameters	Voltage	RMS, max instantaneous value, sag/swell, frequency
	Current	RMS, max instantaneous value, overcurrent
	Active power	By phase, total
	Apparent power	By phase, total
	Reactive power	By phase
	Power factor	Absolute value, sign, inductive/capacitive
	Active energy	By phase, total, direction, load profile
Conformity	Certification	CE, UL 61010-1 (Rogowski coils)
	Accuracy class	B (to EN 50470-3)
	UV resistance	According to material UL recognition files
Intrinsic consumption	Voltage circuits	10 VA
	Current circuits	-
Data transfer	Interface	GSM/GPRS
	Data type	Measurements, time synchronisation, diagnostic/configuration SMS
Physical	Dimensions (LxWxH)	225 x 85 x 68 mm
	Weight	420 g
	Mounting	On 35 mm DIN-rail
	Enclosure	Polycarbonate plastic, UL94-V0
	External connections	Connector for U cable, 3 connectors for Rogowski coils
	Cable length	2-5 m
Operating conditions	IP protection class	IP67 (enclosure, connectors, Rogowski coils)
	Working temperature	-40°C to +70°C -40°C to +55°C (with built-in Li-ion battery)