







mo&energy

	Gateway Energy meter to Cloud 	Kit Energy meter 30-300A Range 	Kit Energy meter 1000A Range 	Energy meter TA sec. /5A 
Power Supply	18...35V DC or 8...24 V AC	Aux Supply: 80...300 V AC	Aux Supply: 80...300 V AC	Aux Supply: 80...300 V AC
Consumption	3.5W @24V DC	Aux Supply: 2W	Aux Supply: 2W	Aux Supply: 2W
Communication interfaces	1 RJ45 10/100 Mbit/s Auto MDI/MDI-X DHCP Client or Static IP	1 RS485 up to 38400 Baud. 1 RJ45 10/100 Mbit/s Auto MDI/MDI-X	1 RS485 up to 38400 Baud. 1 RJ45 10/100 Mbit/s Auto MDI/MDI-X	1 RS485 up to 38400 Baud. 1 RJ45 10/100 Mbit/s Auto MDI/MDI-X
Voltage and Current	-	PhV 30 to 300V AC PPV 30 to 500V AC Phase to Neutral THD% Phase to Phase THD% Current THD% for each phase PF and Frequency (Hz) Max. Demand	PhV 30 to 300V AC PPV 30 to 500V AC Phase to Neutral THD% Phase to Phase THD% Current THD% for each phase PF and Frequency (Hz) Max. Demand	PhV 30 to 300V AC PPV 30 to 500V AC Phase to Neutral THD% Phase to Phase THD% Current THD% for each phase PF and Frequency (Hz) Max. Demand
Power Measurement	-	Active power Reactive power Apparent power Maximum demanded power Maximum neutral demand current	Active power Reactive power Apparent power Maximum demanded power Maximum neutral demand current	Active power Reactive power Apparent power Maximum demanded power Maximum neutral demand current

	Gateway Energy meter to Cloud	Kit Energy meter 30-300A Range	Kit Energy meter 1000A Range	Energy meter TA sec. /5A
Energy Measurement	-	Import/Export active energy Import/Export reactive energy Total active energy Total reactive energy (Active energy cl.0,5 IEC62053-22)	Import/Export active energy Import/Export reactive energy Total active energy Total reactive energy (Active energy cl.0,5 IEC62053-22)	Import/Export active energy Import/Export reactive energy Total active energy Total reactive energy (Active energy cl.0,5 IEC62053-22)
Measured inputs	-	Voltage: 4-way 2.5mm ² connector Current: 6-way 2.5mm ² connector	Voltage: 4-way 2.5mm ² connector Current: 6-way 2.5mm ² connector	Voltage: 4-way 2.5mm ² connector Current: 6-way 2.5mm ² connector
Current Inputs options	-	TA s.c. Ø10mm - Pri. 30, 50A TA s.c. Ø16mm - Pri. 80, 100A TA s.c. Ø24mm - Pri. 100, 200, 300A	Rogowski coil Ø115mm 2mt cable	Compatible with all TA with /5A secondary
Fieldbus and Protocols options	Modbus RTU Master Modbus TCP Client Modbus gateway (up to 3 clients)	Modbus RTU Slave/ Master Modbus TCP Server Modbus gateway (up to 3 clients)	Modbus RTU Slave/ Master Modbus TCP Server Modbus gateway (up to 3 clients)	Modbus RTU Slave/ Master Modbus TCP Server Modbus gateway (up to 3 clients)
Configuration	Remote Cloud Setup Desktop Software Tools	Integrated display Embedded Web Interface	Integrated display Embedded Web Interface	Integrated display Embedded Web Interface
Maximum dimensions	2 DIN: 35 x 95 x 60 mm (W x H x D) 4 DIN: 72 x 95 x 60 mm (W x H x D)	72 x 100 x 66 mm (W x H x D)	72 x 100 x 66 mm (W x H x D)	72 x 100 x 66 mm (W x H x D)
Operating temperature	-35°C / +75°C	-20°C / +65°C	-20°C / +65°C	-20°C / +65°C
IP Protection degree	IP22	IP51	IP51	IP51
Weight	2 DIN: 95 g 4 DIN: 130 g	350 g	350 g	350 g
Mounting	DIN Rail 35 mm	DIN Rail 35 mm	DIN Rail 35 mm	DIN Rail 35 mm
Enclosure	Material: PC/ABS e PPO (DIN Clip) UL94 Class: V-0 Color: Gray (RAL 7035)	UL94 Class: V-0 Color: Gray (RAL 7035)	UL94 Class: V-0 Color: Gray (RAL 7035)	UL94 Class: V-0 Color: Gray (RAL 7035)
Regulations	CE, RoHS, Reach	CE, IEC62053-22	CE, IEC62053-22	CE, IEC62053-22
Warranty	2 years	2 years	2 years	2 years