

ECR300C

3 Phase kWhmeter via CT 1A or 5A 4M MODBUS MID

Technical properties

Architecture

Bus system	MODBUS
Type of pole	3P+N

Electric current

Rated current	5 A
Maximum measuring circuit current	6 A

Capacity

Number of modules	4
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Connectivity

Connectivity type	ModBus RS-485 3 wires
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Dimensions

Height	90 mm
Width	72 mm
Depth	60 mm

Main electrical attributes

Type of pulse generator	Optical
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Compatibility

Suitable for	Purchase/supply
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Connection

Connector/plug type Bus system	Bus connection terminal
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Installation, mounting

Nominal tightening torque	1 - 1 Nm
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Mechanical features

Nominal tightening torque digital terminal	0,50 - 0,50 Nm
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Measurement

Measuring system	Measurement transformer
Type of measuring instrument	Electronic
Current measurement range	0,01 - 6,0 A
Measurement range voltage Ph-N	92 - 276 V
Measurement range voltage Ph-Ph	160 - 480 V
Frequency measuring range	45 - 65 Hz

Power supply

Number of phases for power supply	4
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Functions

Accuracy class	B
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Tariff type	T1...T2 (230V AC)/T1...T8 Modbus
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Is calibrated	Yes
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Safety

Ingress Protection (IP) class	IP20
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Use conditions

Operating temperature	-25 - 55 °C
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Storage/transport temperature	-25 - 70 °C
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Power

Power consumption VA	2 VA
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Total power loss under IN	0,60 W
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