

Technical data

MID meter



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Architecture

Bus system	S0 interface
Pole type	3P+N

Electrical current

Rated current (A)	80
Maximum current in the measurement current circuit (A)	80

Capacity

Number of modules	4 TUs
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Connectivity

Connection/connector type	Direct connection
Connection type	S0 2 wire

Dimensions

WxHxD (mm)	72x90x70
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Main electrical features

Pulse generator type	Optical
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Compatibility

Suitable for	Energy measurement
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Connection

Max. connection cross-section of meter input cable (mm ²)	33
Max. connection cross-section of meter output cable (mm ²)	33

Installation, mounting

Nominal torque (Nm)	2
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Mechanical functions

Nominal torque of digital terminal (Nm)	0.5
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Measurement

Measurement system	Direct measurement
Measuring device type	Electronic
Current measuring range (A)	0.015 - 80
Measurement voltage range (VAC)	92 - 276
Measurement voltage range (VAC)	160 - 480
Frequency measuring range (Hz)	45 - 65

Measurement

Accuracy class	B
Conformities	EN 50407-1, MID-compliant

Safety

IP protection rating	IP51 ¹⁾ /IP40
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Operating conditions

Operating temperature (°C)	-25 to +55
Storage/transport temperature (°C)	-25 to +70

Supply voltage and power consumption

Operating voltage range	92 - 276 / 160 - 480
Power consumption (VA)	<0.7
Total power loss under rated current (W)	<0.6

The specifications can be changed without prior announcement.

2-year warranty.

Use of the MID meter only in combination with a home power station.

The data are certified for the calibration period in accordance with the MID Directive subject to adherence to the installation conditions. The data can be used by the user according to the statutory metrology guidelines.

¹⁾ The measuring device must be installed in a housing with a protection rating of IP51 or better.

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