



ECN140D

1 Phase kWhmeter direct 40A 1M

Technical Features

Architecture

Type of pole	1P+N
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Electric current

Rated current	40 A
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Capacity

Number of modules	1
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Connectivity

Type of connection	Direct connection
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Dimensions

Height	92 mm
Width	18 mm
Depth	58 mm

Equipment

Type of pulse generator	Optical
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Compatibility

Suitable for	Purchase
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Connection

Cross-section of metering input	16 - 16 mm ²
Cross-section of metering output	16 - 16 mm ²

Installation, mounting

Nominal tightening torque	1 - 1 Nm
Mounting on	DIN rail

Measurement

Measuring system	Direct measurement
Type of measuring instrument	Electronic
Current measurement range	0.25 - 40.0 A
Measurement range voltage Ph-N	184 - 276 V
Frequency measuring range	45 - 65 Hz

Power supply

Number of phases for power supply	1
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Functions

Accuracy class	B
Tariff type	One-tariff
Is calibrated	Yes

Safety

Ingress Protection (IP) class	IP20
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Use conditions

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

Power

Power consumption VA	2 VA
Total power loss under IN	1 W

Electric current

Maximum measuring circuit current	40 A
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Frequency	
Frequency	50 - 50 Hz
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes