



Auxiliary supply U_s

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	1
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Power dissipation Max

W	0.4
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Measuring voltage inputs

Rated voltage (U_e)

phase-neutral	VAC	110...240
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Operating voltage range

phase-neutral	VAC	93...264
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Connection method

Direct

Current

IEC maximum (I_{max})

A	40
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IEC minimum (I_{min})

A	0.25
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IEC rated (I_{ref-Ib})

A	5
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IEC start (I_{st})

mA	20
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Transition (I_{tr})

A	0.5
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Accuracy

Active energy

Class 1 (IEC/EN 62053-21)

Reactive energy

Class 2 (IEC/EN 62053-23)

Output characteristics

LED Pulse rate

pulse/kWh	1000
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LED Pulse duration

ms	30
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Static output external voltage

VDC	10...30
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Static outputs Maximum current

mA	50
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Insulations

Rated insulation voltage U_i IEC/EN

V	250
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Rated impulse withstand voltage U_{imp}

kV	6
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Operating frequency withstand voltage

kV	4
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Mechanical features

Housing type

Polyamide

Terminals type

Fixed

Conductor cross section

min	mm ²	1.5
Max	mm ²	10
min	AWG	16
Max	AWG	6

Tightening torque (Max)

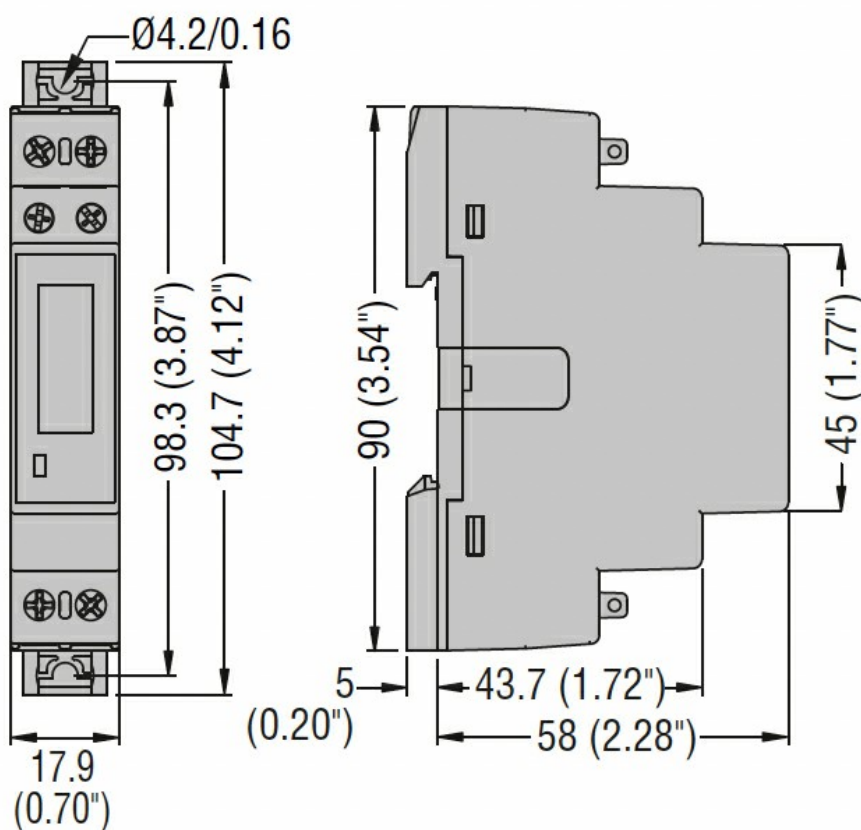
Nm	1.5
lbin	14

Fixing

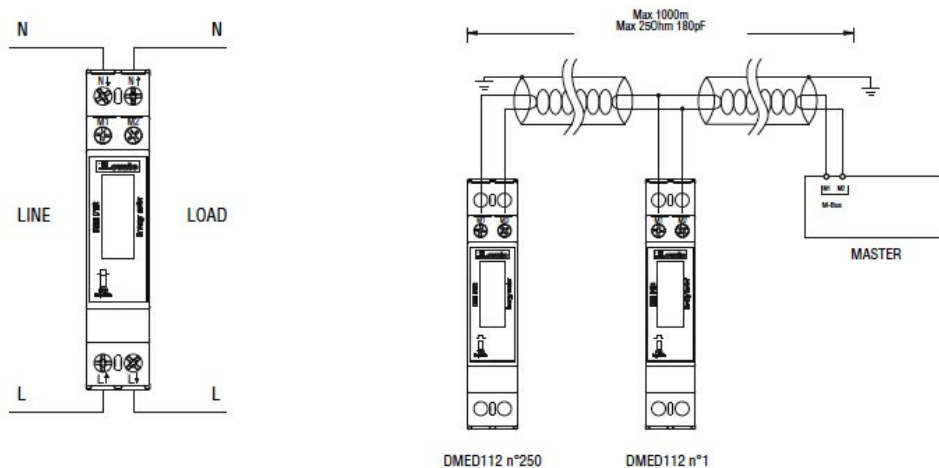
Din rail

Weight	g	90
Ambient conditions		
Temperature		
Operating temperature	min	°C -25
	max	°C +55
Storage temperature	min	°C -25
	max	°C +70
Relative humidity	%	<80
Maximum Pollution degree		2
Mechanical environment		Class M1
Magnetic environment		Class E2

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

Certificates

CB

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter