



Auxiliary supply U_s

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	7
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Power dissipation Max

W	0.45
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Measuring voltage inputs

Rated voltage (U_e)

phase-neutral	VAC	220...240
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Operating voltage range

phase-neutral	VAC	184...264
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Connection method

Direct

Current

IEC maximum (I_{max})

A	63
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IEC minimum (I_{min})

A	0.5
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IEC rated (I_{ref-Ib})

A	10
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IEC start (I_{st})

mA	40
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Transition (I_{tr})

A	1
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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

LED Pulse duration ms 30

Static output pulse rate pulse/kWh 1-10-100-1000 programmable

Static output pulse duration ms 100

Static output external voltage VDC 10...30

Static outputs Maximum current mA 50

Insulations

Rated insulation voltage U_i IEC/EN V 250

Rated impulse withstand voltage U_{imp} kV 6

Operating frequency withstand voltage kV 4

Mechanical features

Housing type Polyamide

Terminals type Fixed

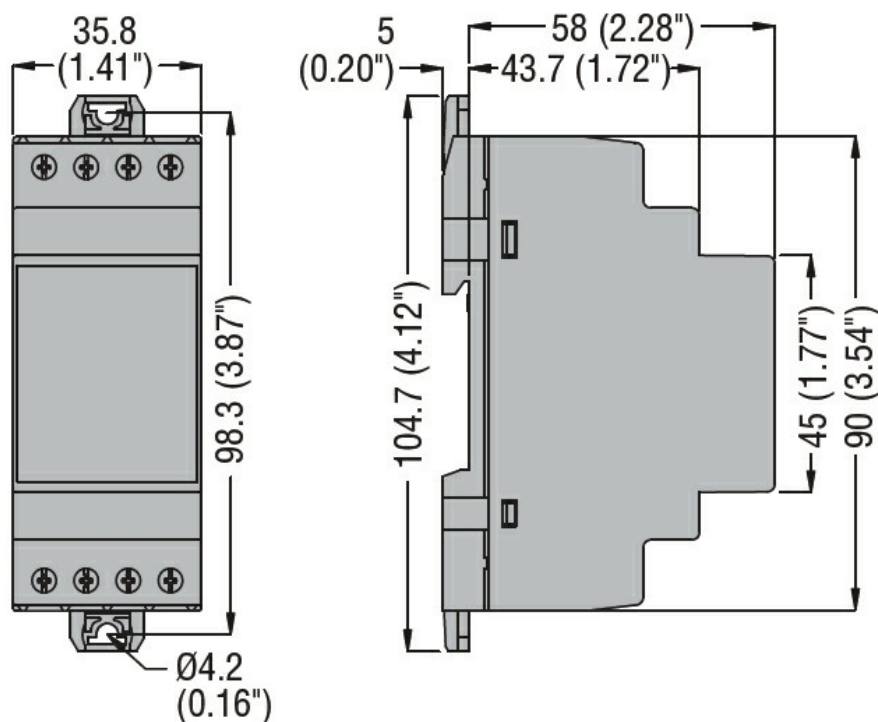
Conductor cross section

min	mm ²	2.5
Max	mm ²	16
min	AWG	14
Max	AWG	6;10

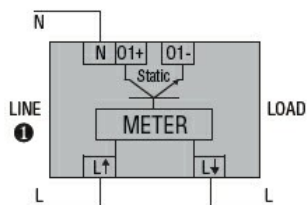
Tightening torque (Max)

	Nm	2
	lbin	17.7
Fixing		Din rail
Weight	g	148
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

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22-2 n° 61010-1

EN 50470-1

IEC/EN 61010-1

UL 61010-1

Certificates

cULus

EAC

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter