



Auxiliary supply U_s

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	20
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Power dissipation Max

W	1.35
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Measuring voltage inputs

Rated voltage (U_e)

phase-phase	VAC	380...415
phase-neutral	VAC	220...240

Operating voltage range

phase-phase	VAC	323...456
phase-neutral	VAC	187...264

Connection method

Direct

Current

IEC maximum (I_{max})

A	80
---	----

IEC minimum (I_{min})

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

A	10
---	----

IEC start (I_{st})

mA	60
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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)

RS485 serial interface

Baud rate

bps	Programmable 1200...38400
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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	2.5
Max	mm ²	25
min	AWG	14
Max	AWG	4

Tightening torque (Max)

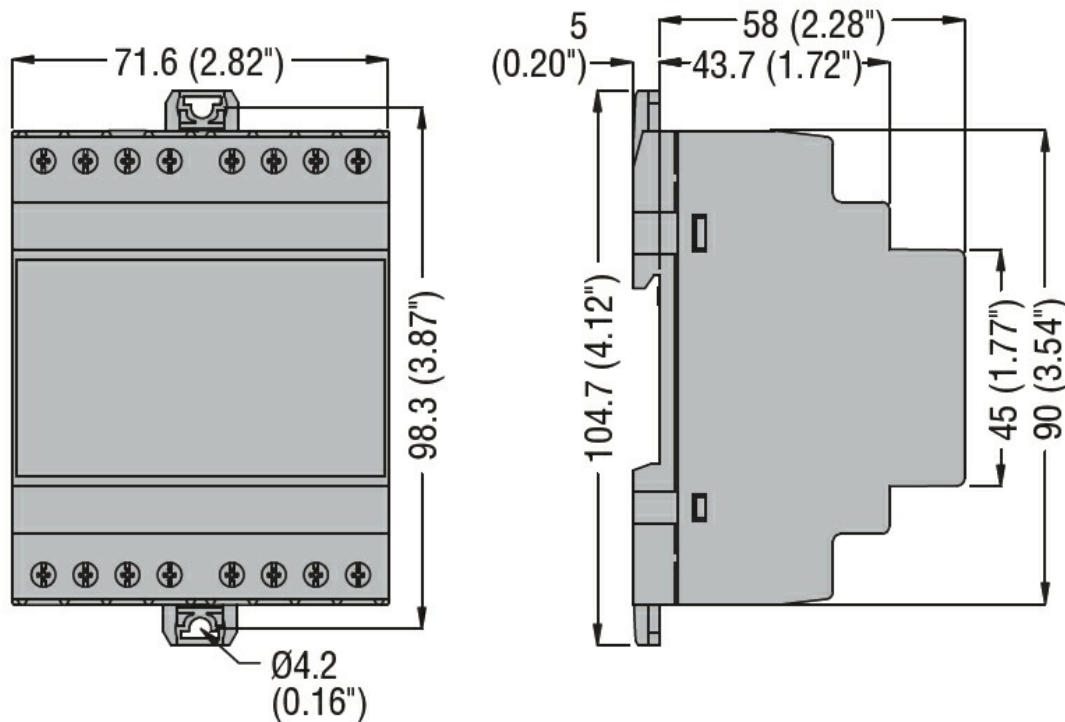
Nm	2
lbin	17.7

Fixing

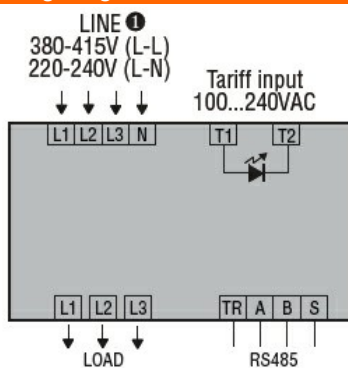
Din rail

Weight	g	360
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

IEC/EN 50470-1
IEC/EN 61010-1
IEC/EN 61010-2-030

Certificates

EAC
RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter