



Auxiliary supply U_s

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	20
	W	1.35

Power dissipation Max

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

IEC rated (I_{ref-Ib})

A 10

IEC start (I_{st})

mA 40

Transition (I_{tr})

A 1

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 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

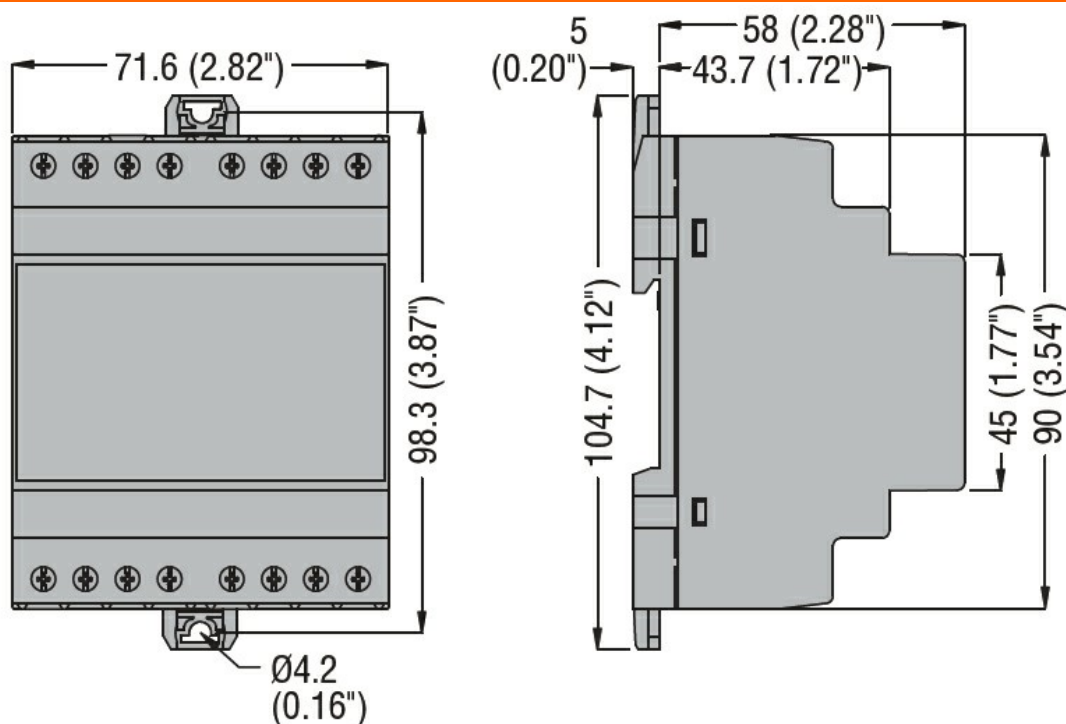
min	mm ²	2.5
Max	mm ²	25
min	AWG	14
Max	AWG	4

Tightening torque (Max)

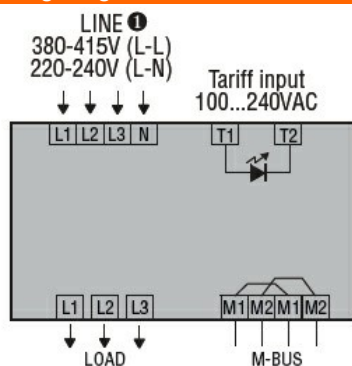
Nm 2

		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