



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 0.75

IEC rated (I_{ref-Ib})

A 15

IEC start (I_{st})

mA 60

Transition (I_{tr})

A 1.5

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 for 1-10-10 pulse; 60 for 1000 pulse

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
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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

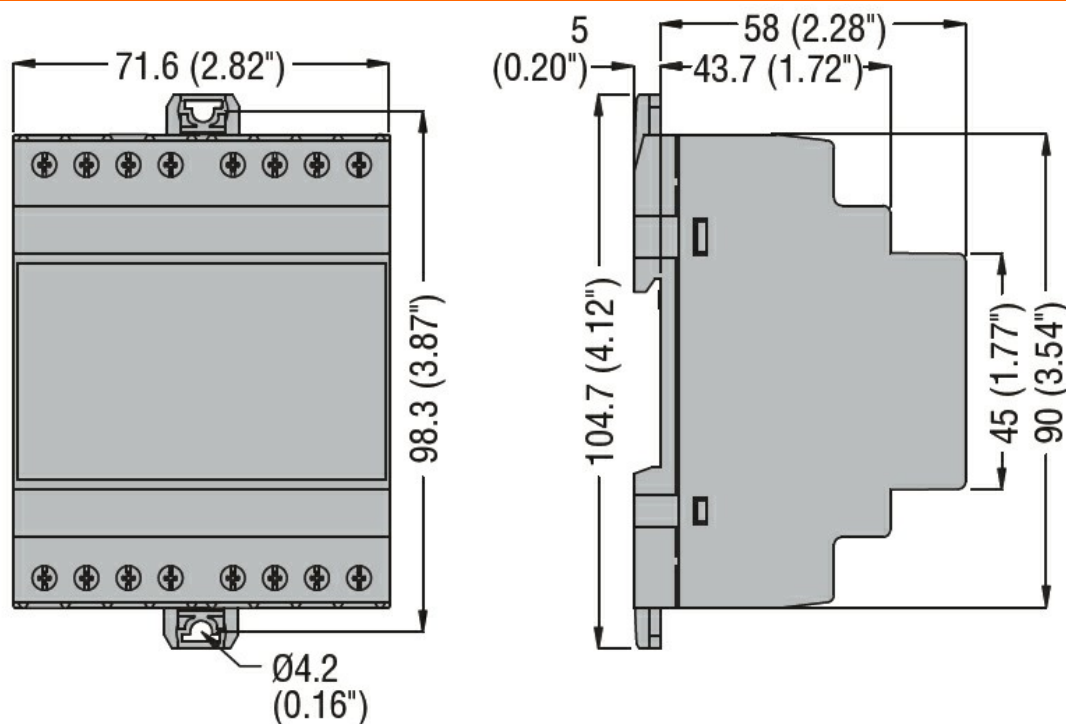
Relative humidity

% <80

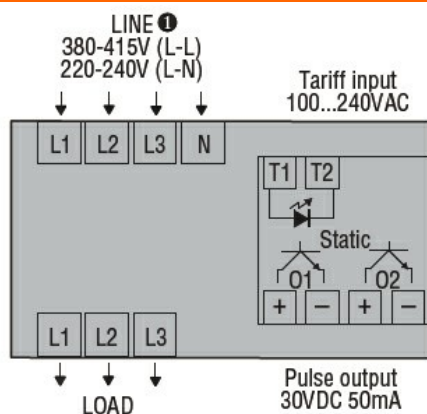
Maximum Pollution degree

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