



Auxiliary supply Us

Auxiliary rated supply voltage AC	VAC	230
Auxiliary operating voltage range AC	min VAC	187
	Max VAC	264
Operational frequency	min Hz	45
	max Hz	66
Rated frequency	Hz	50
Power consumption	Max VA	6.6
Power dissipation Max	W	0.45

Measuring voltage inputs

Rated voltage (Ue)	phase-neutral VAC	230
Operating voltage range	phase-neutral VAC	187...264
Connection method		Direct

Current

IEC maximum (Imax)	A	63
IEC minimum (Imin)	A	0.5
IEC rated (Iref-Ib)	A	10
IEC start (Ist)	mA	40
Transition (Itr)	A	1

Accuracy

Active energy		Class B (EN 50470-3)
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	Programmable
Static output external voltage	VDC	10...30
Static outputs Maximum current	mA	50

Insulations

Rated insulation voltage Ui IEC/EN	V	250
Rated impulse withstand voltage Uimp	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	13
Max	AWG	5

Tightening torque (Max)

Nm	1.3
lbin	11.5

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

Max altitude

m 2000

Maximum Pollution degree

2

Overvoltage category

III

Protection degree

IP40 (Front)

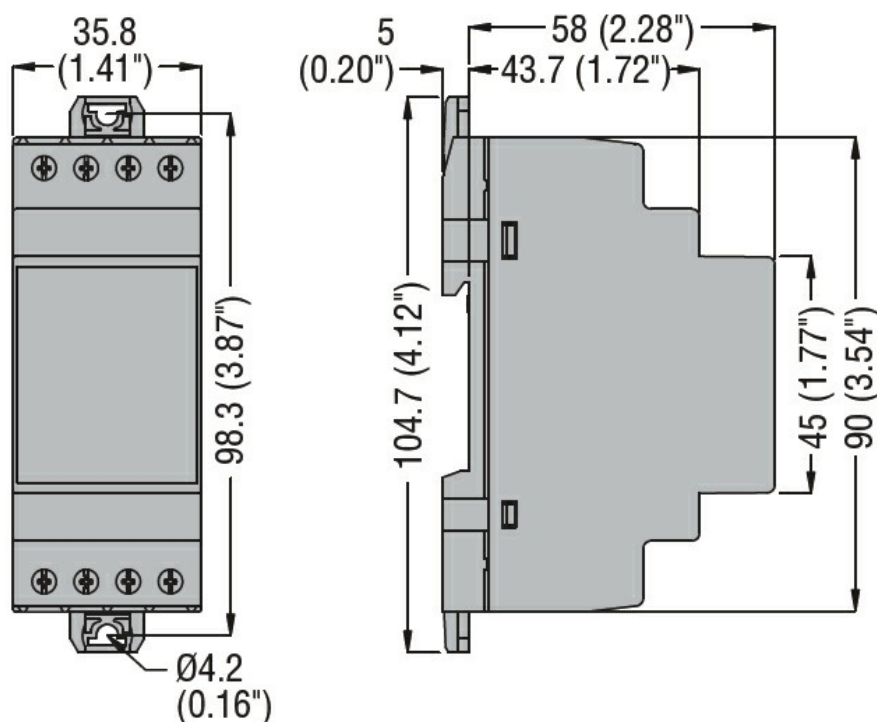
Mechanical environment

Class M1

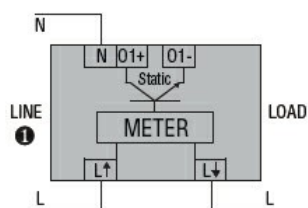
Magnetic environment

Class E2

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

EAC

MID (moduli B + D)

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter