



Auxiliary supply U_s

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	4.8
-----	----	-----

Power dissipation Max

W	1.4
---	-----

Measuring voltage inputs

Rated voltage (U_e)

phase-neutral	VAC	110...120 / 220...240
---------------	-----	--------------------------

Operating voltage range

phase-neutral	VAC	184...264
---------------	-----	-----------

Connection method

Direct

Current

IEC maximum (I_{max})

A	63
---	----

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)

RS485 serial interface

Baud rate

bps	Programmable 1200...38400
-----	------------------------------

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

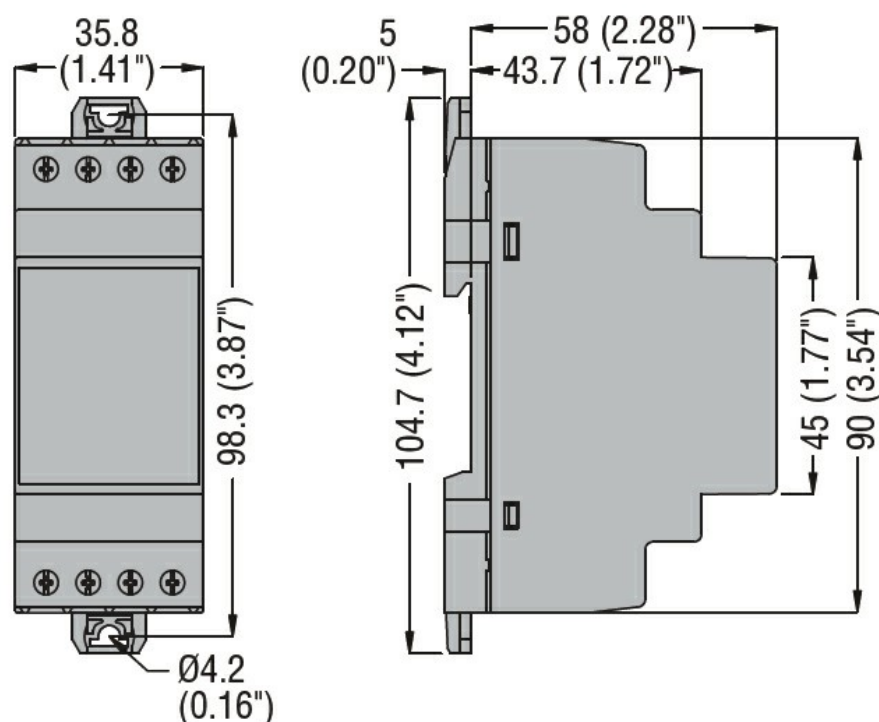
Relative humidity

% <80

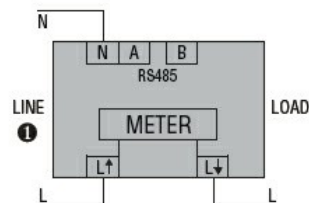
Maximum Pollution degree

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