



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

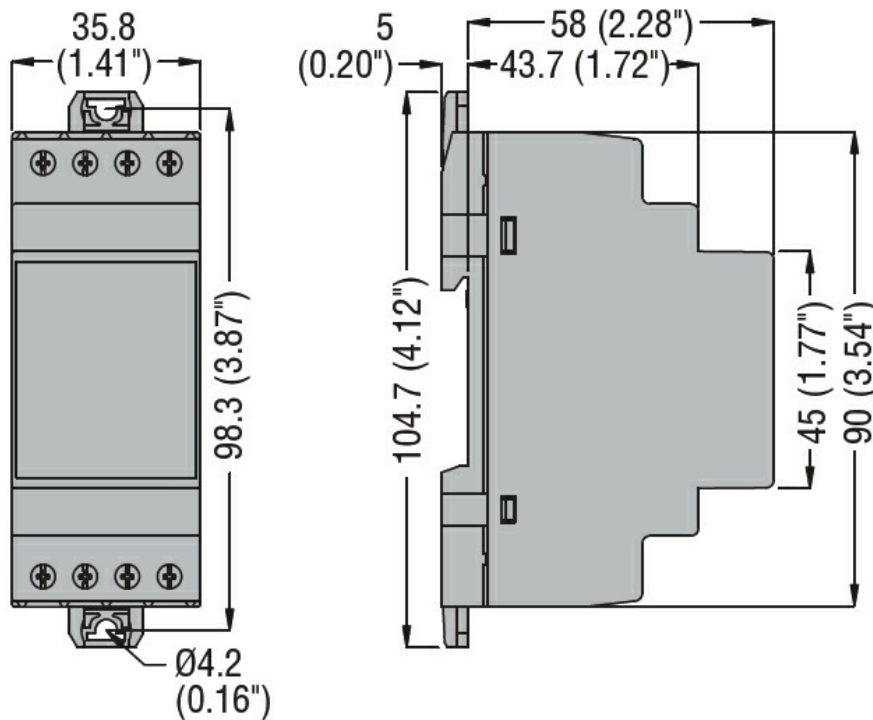
Relative humidity

% <80

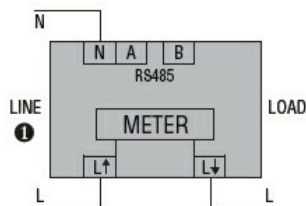
Maximum Pollution degree

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