



Auxiliary supply U_s			
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	1
Power dissipation Max		W	0.4
Measuring voltage inputs			
Rated voltage (U_e)	phase-neutral	VAC	230
Operating voltage range	phase-neutral	VAC	187...264
Connection method			Direct
Current			
IEC maximum (I_{max})		A	63
IEC minimum (I_{min})		A	0.5
IEC rated (I_{ref-lb})		A	10
IEC start (I_{st})		mA	40
Transition (I_{tr})		A	1
Accuracy			
	Active energy		Class B (EN 50470-3)
	Reactive energy		Class 2 (IEC/EN 62053-23)
RS485 serial interface			
Baud rate		bps	Programmable 1200...38400
Output characteristics			
LED Pulse rate		pulse/kWh	1000
LED Pulse duration		ms	30
Insulations			
Rated insulation voltage U_i IEC/EN		V	250
Rated impulse withstand voltage U_{imp}		kV	6
Operating frequency withstand voltage		kV	4
Functions			
Type of communication port			RS485
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)

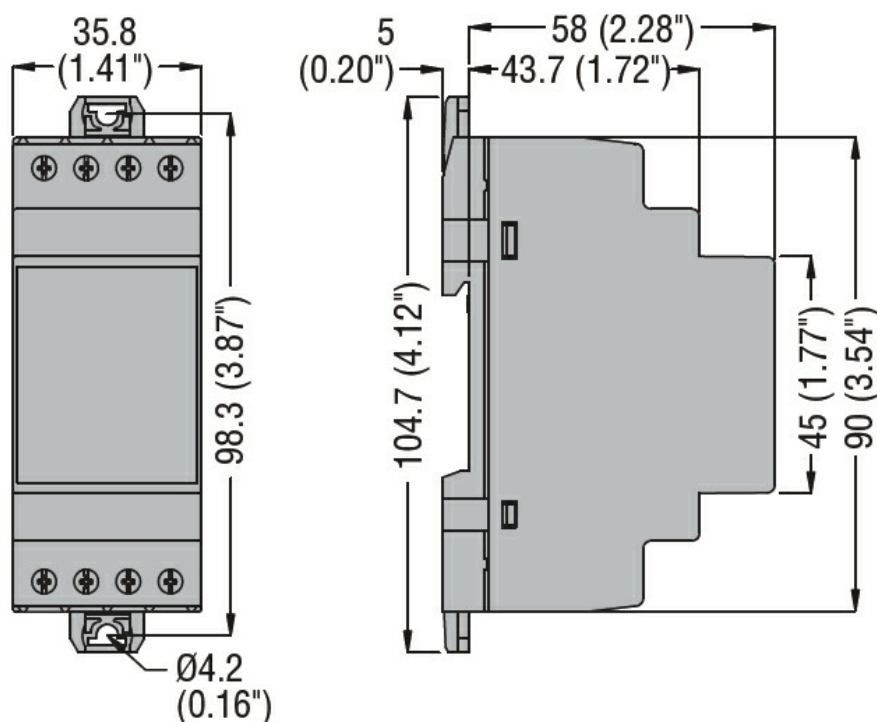
Mechanical environment

Class M1

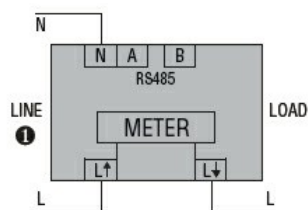
Magnetic environment

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