



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)

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

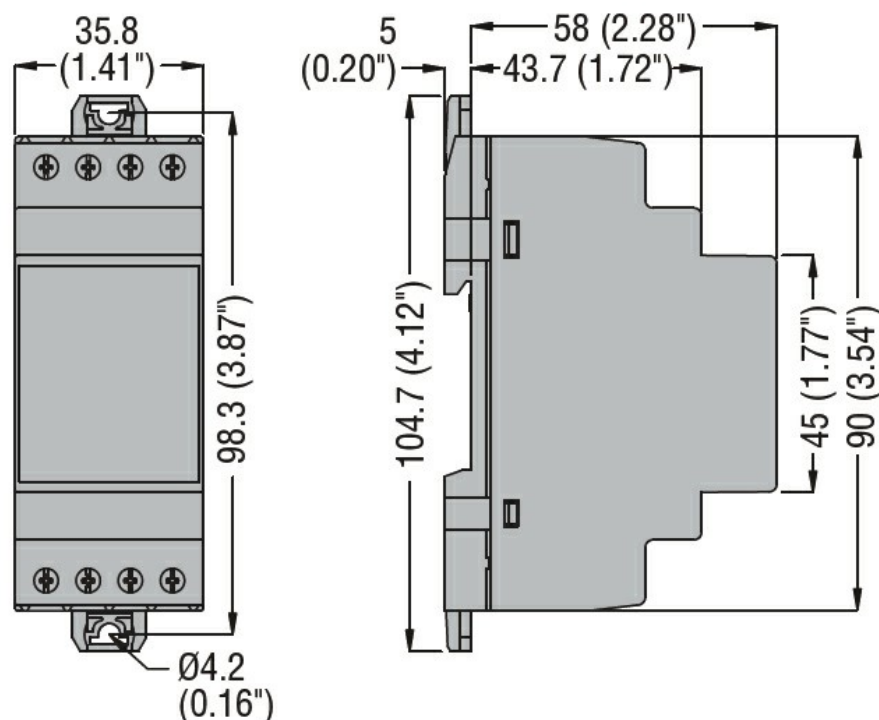
Type of communication port	M-bus
----------------------------	-------

Mechanical features

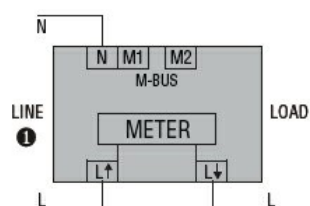
Housing type			Polyamide
Terminals type			Fixed
Conductor cross section			
	min	mm ²	2.5
	Max	mm ²	16

	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