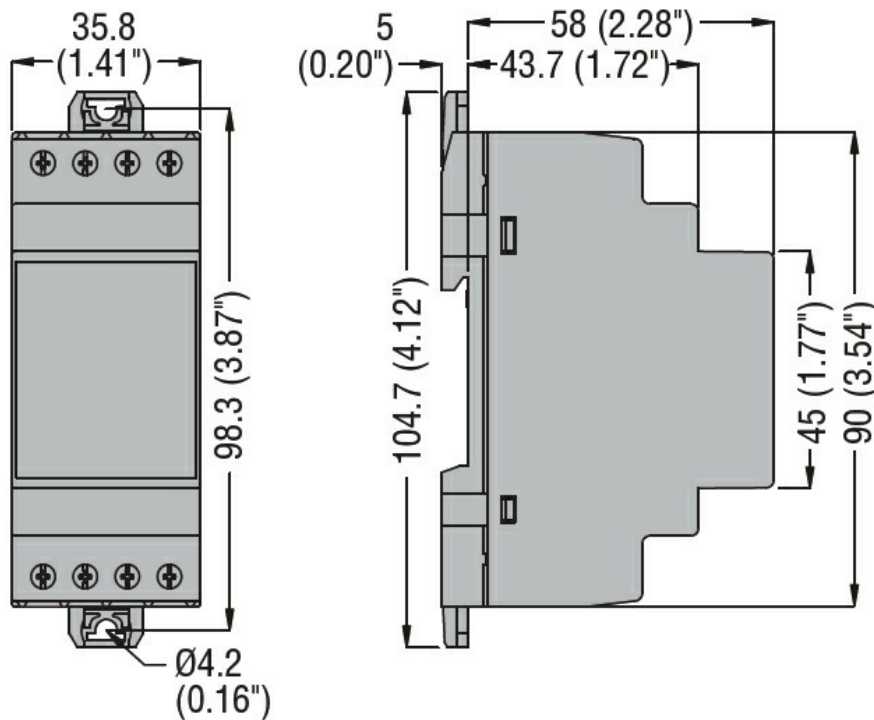




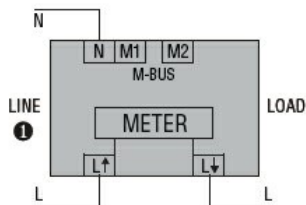
Auxiliary supply $U_s$			
Auxiliary rated supply voltage AC	VAC		230
Auxiliary operating voltage range AC			
	min	VAC	187
	Max	VAC	264
Operational frequency			
	min	Hz	45
	max	Hz	66
Rated frequency		Hz	50
Power consumption			
	Max	VA	1
Power dissipation Max		W	0.4
Measuring voltage inputs			
Rated voltage ( $U_e$ )	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 ( $I_{ref-Ib}$ )		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 <sup>2</sup>	2.5
	Max	mm <sup>2</sup>	16

	min	AWG	13
	Max	AWG	5
Tightening torque (Max)			
		Nm	1.3
		lbin	11.5
Fixing			
			Din rail
Weight			
		g	148
<b>Ambient conditions</b>			
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