



Auxiliary supply $U_s$			
Operational frequency		min	Hz 50
		max	Hz 60
Power consumption		Max	VA 1
Power dissipation Max			W 0.4
Measuring voltage inputs			
Rated voltage ( $U_e$ )	phase-neutral	VAC	110...120 / 220...240
Operating voltage range	phase-neutral	VAC	93...264
Connection method			Direct
Current			
IEC maximum ( $I_{max}$ )		A	40
IEC minimum ( $I_{min}$ )		A	0.25
IEC rated ( $I_{ref-Ib}$ )		A	5
IEC start ( $I_{st}$ )		mA	20
Transition ( $I_{tr}$ )		A	0.5
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 <sup>2</sup> 1.5
		Max	mm <sup>2</sup> 10
		min	AWG 16
		Max	AWG 6
Tightening torque (Max)		Nm	1.5
		lbin	14
Fixing			Din rail
Weight		g	90

**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

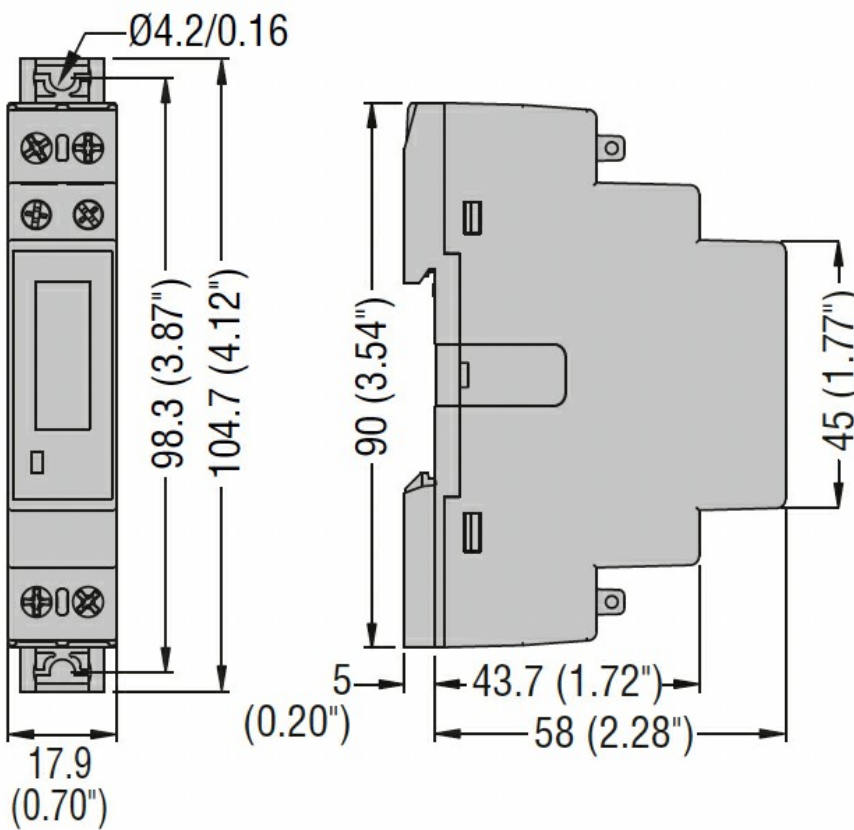
Mechanical environment

Class M1

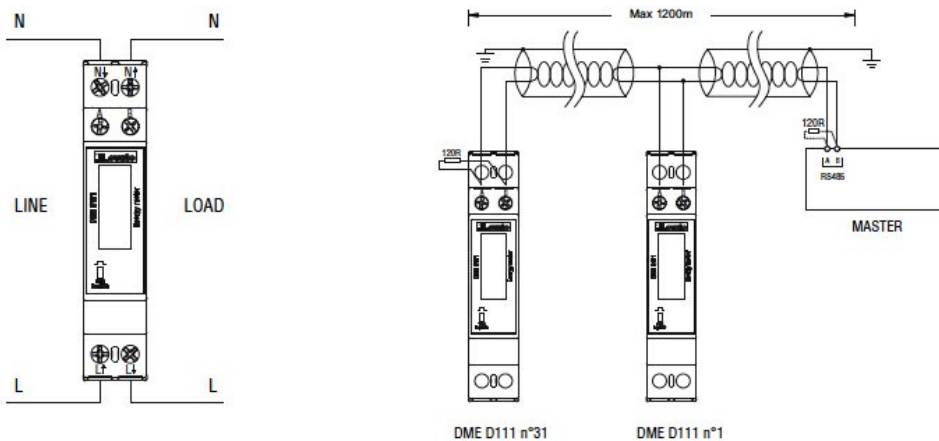
Magnetic environment

Class E1

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Compliance

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

Certificates

CB

RCM

ETIM classification

ETIM 8.0

EC001506 -  
Kilowatt-hour  
meter