



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 ²	1.5
	Max	mm ²	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

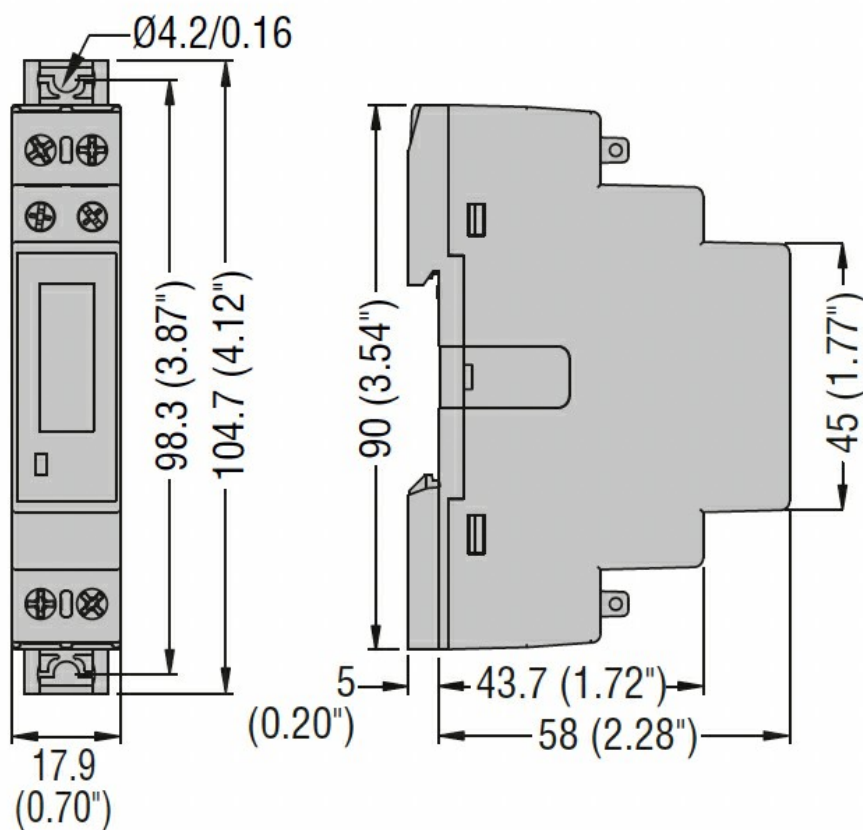
Mechanical environment

Class M1

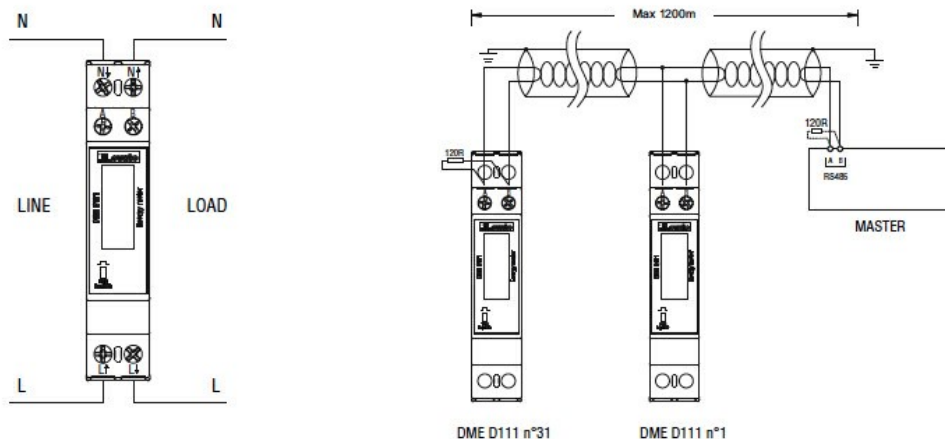
Magnetic environment

Class E1

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

ENERGY METER, SINGLE-PHASE, NON EXPANDABLE, DIGITAL WITH LCD DISPLAY, 40A
DIRECT CONNECTION, 1U, RS485 INTERFACE, MULTI-MEASUREMENTS, 220...240VAC

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