



Auxiliary supply U_s			
Auxiliary operating voltage range	AC		
		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 184...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 B (EN 50470-3)
		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
Functions			
Type of communication port			RS485
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
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Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-25
max	°C	+70

Relative humidity

%	<80
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Max altitude

m	2000
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Maximum Pollution degree

2

Overvoltage category

III

Protection degree

IP40 (Front)

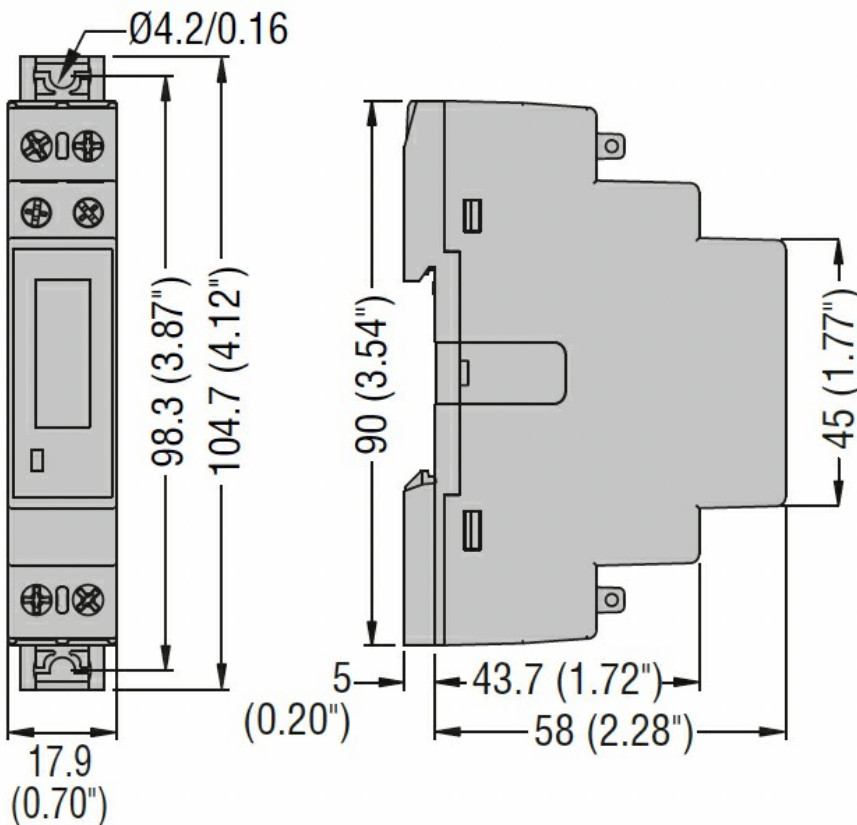
Mechanical environment

Class M1

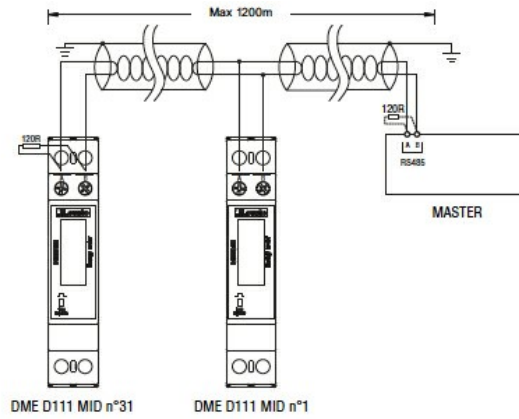
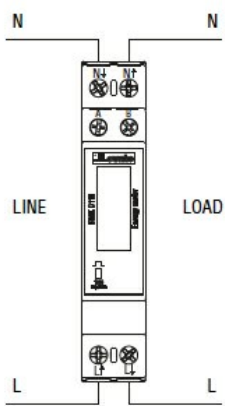
Magnetic environment

Class E2

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

MID (modulo B + D)

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter