



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
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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
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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

Max altitude

m 2000

Maximum Pollution degree

2

Overvoltage category

III

Protection degree

IP40 (Front)

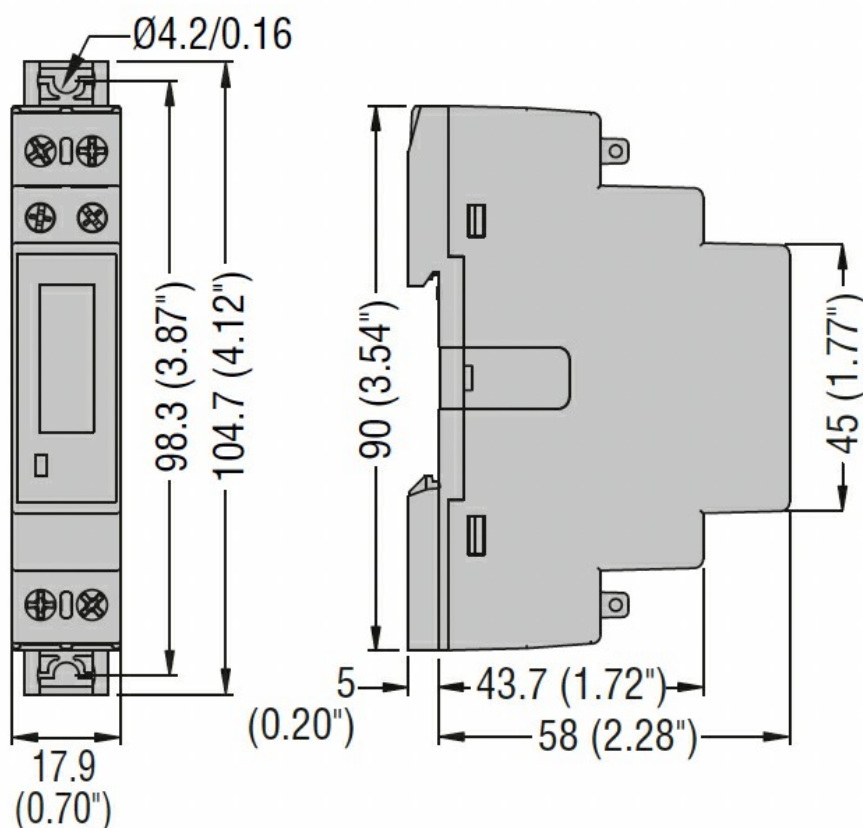
Mechanical environment

Class M1

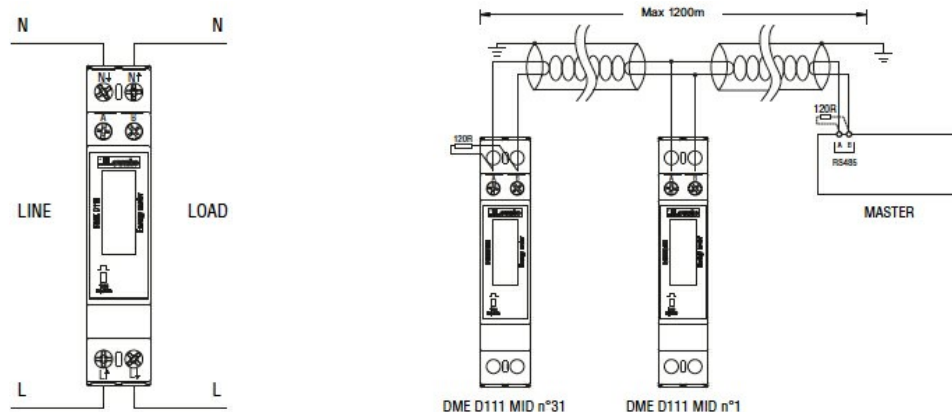
Magnetic environment

Class E2

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

MID (modulo B + D)

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter