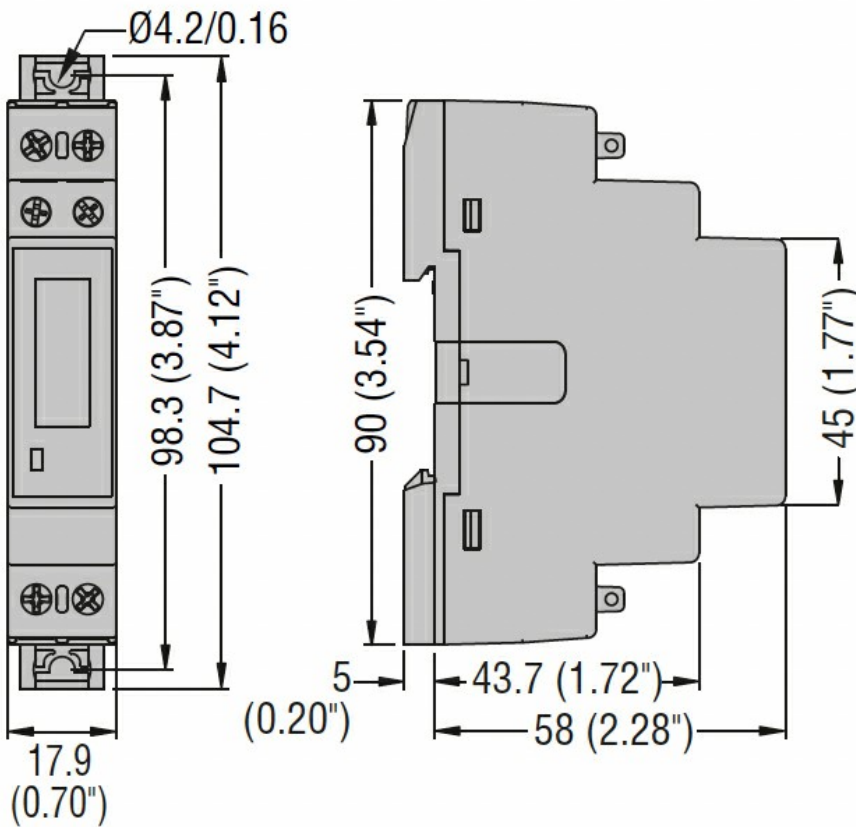




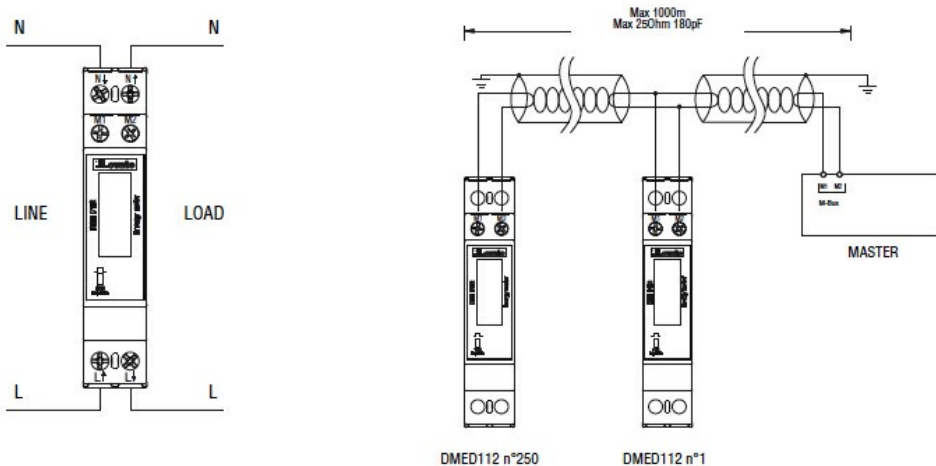
Auxiliary supply U_s			
Operational frequency		min	Hz 50
		max	Hz 60
Power consumption		Max	VA 1
Power dissipation Max			W 0.4
Measuring voltage inputs			
Rated voltage (U_e)	phase-neutral	VAC	110...240
Operating voltage range	phase-neutral	VAC	93...264
Connection method			Direct
Current			
IEC maximum (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)
Output characteristics			
LED Pulse rate		pulse/kWh	1000
LED Pulse duration		ms	30
Static output external voltage		VDC	10...30
Static outputs Maximum current		mA	50
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 E2

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