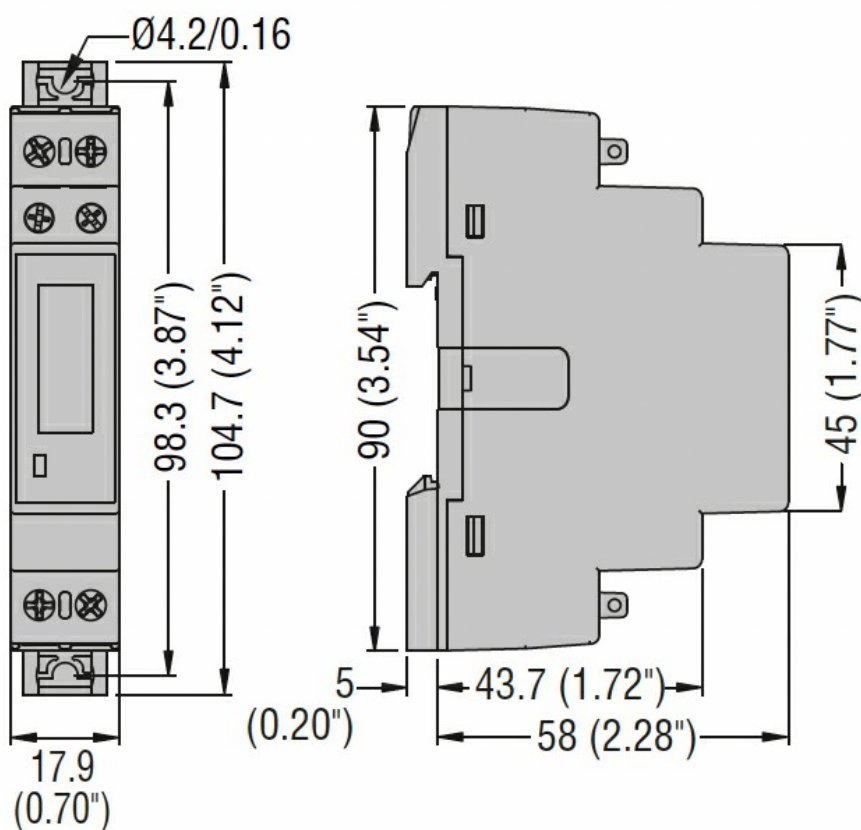




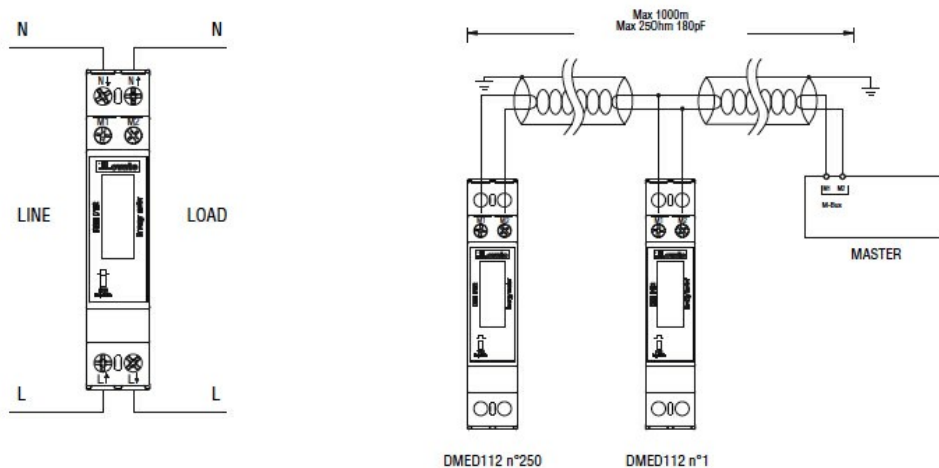
Auxiliary supply U_s			
Operational frequency			
	min	Hz	50
	max	Hz	60
Power consumption			
	Max	VA	1
Power dissipation Max			
		W	0.4
Measuring voltage inputs			
Rated voltage (U_e)			
	phase-neutral	VAC	110...240
Operating voltage range			
	phase-neutral	VAC	93...264
Connection method			
			Direct
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