



ENERGY METER, SINGLE-PHASE, MID CERTIFIED, NON EXPANDABLE, 63A DIRECT CONNECTION, 2U, 1 PROGRAMMABLE STATIC OUTPUT, MULTI-MEASUREMENTS, 230VAC

			0112358
Product designation			Single-phase
Product type designation			energy meters DMED120T1MID
Туре			single-phase
DIN rail module number			2
Auxiliary supply Us			
Auxiliary rated supply voltage AC		VAC	230
Auxiliary operating voltage range			
AC		\/AC	407
	min Max	VAC VAC	187 264
Operational frequency	IVIAX	VAC	204
Operational requeries	min	Hz	50
	max	Hz	50
Power consumption			
•	Max	VA	1
Power dissipation Max	-	W	0.4
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-neutral	VAC	230
Operating voltage range			
	phase-neutral	VAC	187264
Voltage inputs operational frequency			
	min	Hz	50
	max	Hz	50
Connection method			Direct
Current		^	20
IEC maximum (Imax)		Α	63
IEC minimum (Imin)		Α	0.5
IEC rated (Iref-lb) IEC start (Ist)		A mA	40
Transition (Itr)		A	1
Accuracy			
rioduludy	Active energy		Class B (EN 50470-3)
	Reactive energy		Class 2 (IEC/EN 62053-23)
Output characteristics			
LED Pulse rate		pulse/kWh	1000
LED Pulse duration		ms	30
Static output pulse rate		pulse/kWh	1-10-100-1000 programmable
Static output pulse duration		ms	Programmable
Static output external voltage		VDC	1030
Static outputs Maximum current		mA	50





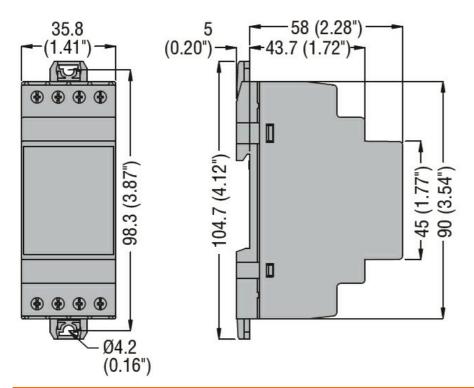
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Insulations			
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	6
Operating frequency withstand voltage		kV	4
Mechanical features			
Housing type			Polyamide
Terminals type			Fixed
Conductor cross section			
	min	mm²	2.5
	Max	mm²	16
	min	AWG	13
	Max	AWG	5
Tightening torque (Max)			
		Nm	1.3
		lbin	11.5
Fixing			Din rail
Weight		g	148
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			Ш
Protection degree			IP40 (Front)
Mechanical environment			Class M1
Magnetic environment Dimensions			Class E2

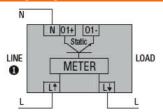




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Wiring diagrams



Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

EAC

MID (moduli B + D)

RCM

ETIM classification

ETIM 8.0

EC001506 -Kilowatt-hour meter