



ENERGY METER FOR LOAD MANAGEMENT, SINGLE-PHASE, NON EXPANDABLE, DIGITAL WITH BACKLIGHT LCD DISPLAY, 63A DIRECT CONNECTION, 4U, 2 INPUTS AND 2 RELAY OUTPUTS FOR LOAD MANAGEMENT, MULTI-MEASUREMENTS, 220...240VAC

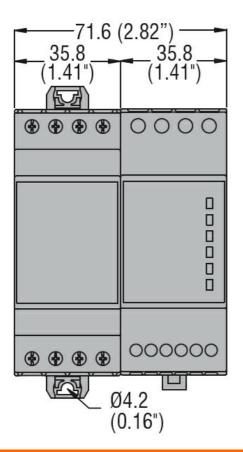


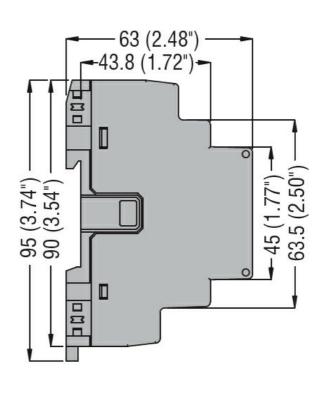
Product designation			Single-phase
Product designation			energy meters
Product type designation			DMED130LM
Туре			single-phase
DIN rail module number			2
Auxiliary supply Us			
Operational frequency			
	min	Hz	50
	max	Hz	60
Power consumption			
	Max	VA	4.8
Power dissipation Max		W	1.4
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-neutral	VAC	220240
Operating voltage range	· · · · · · · · · · · · · · · · · · ·		
operating carage among	phase-neutral	VAC	184264
Connection method	priaco ricultar	*****	Direct
Current			Biroot
IEC maximum (Imax)		Α	63
IEC minimum (Imin)		A	0.5
IEC rated (Iref-lb)		A	10
IEC start (Ist)		mA	40
Transition (Itr)		A	1
Accuracy			
Accuracy			Class 1 (IEC/EN
	Active energy		62053-21)
			Class 2 (IEC/EN
	Reactive energy		62053-23)
Output characteristics			2,222
LED Pulse rate	r	ulse/kW	h 1000
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			TIXCU
Conductor cross section	min	mm²	2.5
	Max	mm²	16
	min	AWG	14
	Max	AWG	6;10
Tightoning torque (May)	ividX	AVVG	0,10
Tightening torque (Max)		Nm	2
		INIII	4



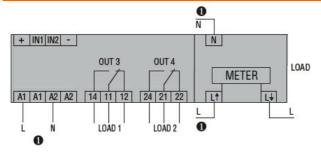
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			lbin	26.5
Fixing				Din rail
Weight			g	148
Ambient conditions				
Temperature				
Operatin	g temperature			
		min	°C	-25
		max	°C	+55
Storage	temperature			
		min	°C	-25
		max	°C	+70
Relative humidity			%	<80
Maximum Pollution degree				2
Dimensions				





Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 50470-1 IEC/EN 61010-1



ENERGY AND AUTOMATION

DMED130LM

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Certificates		
	EAC	
	RCM	
ETIM classificati	on	
ETIM 8.0		EC001506 - Kilowatt-hour