

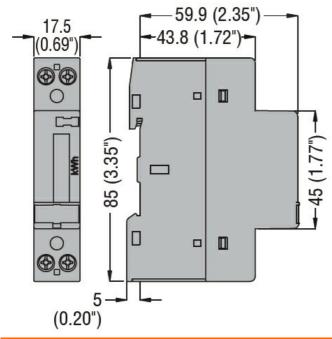
ENERGY METER, SINGLE-PHASE, NON EXPANDABLE, DIGITAL WITH LCD DISPLAY, 40A ENERGY AND AUTOMATION DIRECT CONNECTION, 1U, 1 PROG. STATIC OUTPUT, MULTI-MEASUREMENTS, 220...240VAC

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Product designation			Single-phase
•			energy meters
Product type designation			DMED110T1
Type DIN rail module number			single-phase 1
Auxiliary supply Us			-
Operational frequency			
Operational requestoy	min	Hz	50
	max	Hz	60
Power consumption		<u></u>	
	Max	VA	7
Power dissipation Max		W	0.45
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-neutral	VAC	220240
Operating voltage range	-		
	phase-neutral	VAC	184264
Connection method			Direct
Current			
IEC maximum (Imax)		Α	40
IEC minimum (Imin)		Α	0.25
IEC rated (Iref-lb)		Α	5
IEC start (Ist)		mΑ	20
Transition (Itr)		Α	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	n 1000
LED Pulse duration		ms	30
Static output pulse rate		pulse/kWh	1-10-10-1000 programmable
Static output pulse duration		ms	100
Static output external voltage		VDC	1030
Static outputs Maximum current		mA	50
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			

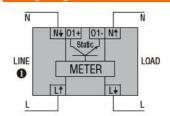


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		min	mm²	1.5
		Max	mm²	10
		min	AWG	16
		Max	AWG	6
Tightening torque (N	Max)			
	•		Nm	1.5
			lbin	14
Fixing				Din rail
Weight			g	90
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-25
		max	°C	+70
Relative humidity			%	<80
Maximum Pollution	degree			2
Mechanical environ	ment			Class M1
Magnetic environme	ent			Class E1
Dimensions				



Wiring diagrams



Certifications and compliance

Compliance

CSA 22.2 n°61010-1

EN 50470-1



DMED110T1

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	IEC/EN 61010-1
	UL61010-1
Certificates	
	cULus
	EAC
	RCM
ETIM classification	

ETIM 8.0

EC001506 -Kilowatt-hour meter