

ENERGY METER, SINGLE-PHASE, NON EXPANDABLE, DIGITAL WITH BACKLIGHT LCD DISPLAY, 40A DIRECT CONNECTION, 2U, 1 PROGRAMMABLE STATIC OUTPUT, MULTI-MEASUREMENTS, 220...240VAC

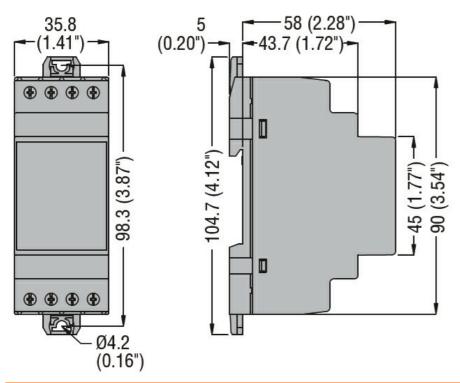


Product designation			Single-phase energy meters
Product type designation			DMED115T1
Type			single-phase
DIN rail module number			2
Auxiliary supply Us			
Operational frequency			
	min	Hz	50
	max	Hz	60
Power consumption			
	Max	VA	7
Power dissipation Max		W	0.45
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-neutral	VAC	220240
Operating voltage range			
	phase-neutral	VAC	184264
Connection method			Direct
Current		^	40
IEC maximum (Imax)		A	40
IEC minimum (Imin)		Α	0.5
IEC rated (Iref-Ib)		Α	10
IEC start (Ist) Transition (Itr)		mA A	1
Accuracy		A	ı
Accuracy			Class 1 (IEC/EN
	Active energy		62053-21)
	Deserting an array		Class 2 (IEC/EN
	Reactive energy		62053-23)
Output characteristics			
LED Pulse rate	рι	ulse/kW	h 1000
LED Pulse duration		ms	30
Static output pulse rate	рι	ulse/kW	h 1-10-100-1000 programmable
Static output pulse duration		ms	100
Static output external voltage		VDC	1030
Static outputs Maximum current		mΑ	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			

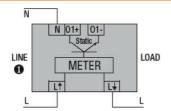


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	min	mm²	2.5
	Max	mm²	16
	min	AWG	14
	Max	AWG	6;10
Tightening torque (Max)			
		Nm	2
		lbin	17.7
Fixing			Din rail
Weight		g	90
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-25
	max	°C	+70
Relative humidity		%	<80
Maximum Pollution degree			2
Dimensions			



Wiring diagrams



Certifications and compliance

Compliance

CSA 22.2 n°61010-1

EN 50470-1



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DMED115T1

ENERGY AND AUTOMATION

DISPLAY, 40A DIRECT CONNECTION, 2U, 1 PROGRAMMABLE STATIC OUTPUT, MULTI-MEASUREMENTS, 220...240VAC

IEC/EN 61010-1		
UL61010-1		
cULus		
EAC		
RCM		

ETIM classification

ETIM 8.0

Certificates

EC001506 -Kilowatt-hour meter