



Product designation			Three-phase energy meters
Product type designation			DMED300T2MID
Туре			Three-phase + neutral
DIN rail module number			4
Auxiliary supply Us			
Operational frequency			
	min	Hz	50
Power consumption			
	Max	VA	20
Power dissipation Max		W	1.35
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-phase	VAC	400
	phase-neutral		230
Operating voltage range		-	
	phase-phase	VAC	323456
	phase-neutral		187264
Connection method		-	Direct
Current			
IEC maximum (Imax)		А	80
IEC minimum (Imin)		А	0.5
IEC rated (Iref-Ib)		А	10
IEC start (Ist)		mA	40
Transition (Itr)		А	1
Accuracy			
			Class B (EN
	Active energy		50470-3)
	Reactive energy		Class 2 (IEC/EN
	Reactive energy		62053-23)
Output characteristics			
LED Pulse rate		pulse/kWh	
LED Pulse duration		ms	30
Static output pulse rate		pulse/kWh	1-10-100-1000
		p 0.000,	programmable
			100 for 1-10-10
Static output pulse duration		ms	pulse; 60 for
Statia autout avtamal valtaga			1000 pulse
Static output external voltage		VDC	1030
Static outputs Maximum current Insulations		mA	50
		M	250
Rated insulation voltage Ui IEC/EN		V kV	250
Rated impulse withstand voltage Uimp		kV kV	6 4
Operating frequency withstand voltage		κV	4
Mechanical features			

DMED300T2MID The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

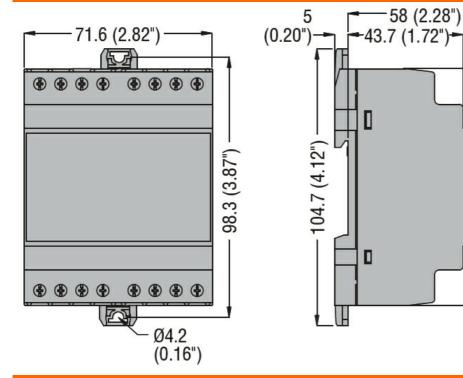


## DMED300T2MID COMPTEURS D`ÉNERGIE MID NUM. 3L+N DIRECTE 80A 4U 2 AUX STAIQUES PROGRAMMABLES MULTIMESURE

45 (1.77") 90 (3.54")

Housing type				Polyamide
Terminals type				Fixed
Conductor cross se	ection			
		min	mm²	2.5
		Max	mm²	25
		min	AWG	14
		Max	AWG	4
Tightening torque (	Max)			
			Nm	2
			lbin	17.7
Fixing				Din rail
Weight			g	360
Ambient conditions	3			
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-25
		max	°C	+70
Relative humidity			%	<80
Maximum Pollution	n degree			2
Mechanical enviror	nment			Class M1
Magnetic environm	nent			Class E2
Dimonsions				

Dimensions



## Wiring diagrams



LINE	Tariff input 100240VAC
L1 L2 L3 N	T1 T2 Static 01 02 + - + -
↓ ↓ ↓ LOAD	Pulse output 30VDC 50mA

## Certifications and compliance

Compliance

	EN50470-1	
	EN50470-3	
	TR 50579	
Certificates		
	EAC	
	MID (moduli B + D)	
	RCM	
ETIM classification	on	
		EC001506 -
ETIM 8.0		Kilowatt-hour

Kilowatt-hour meter