DMED305T2MID



ENERGY METER, THREE PHASE WITH OR WITHOUT NEUTRAL, MID CERTIFIED, NON EXPANDABLE, CONNECTION BY CT /5A SECONDARY, 4U, 2 PROGRAMMABLE STATIC OUTPUT, MULTI-MEASUREMENTS



Product designation			Three-phase energy meters
Product type designation			DMED305T2MID
Туре			Three-phase +
DIN rail module number			neutral 4
Auxiliary supply Us			4
Operational frequency			
Operational inequency	min	Hz	50
Power consumption		112	50
	Max	VA	3.5
Power dissipation Max	Max	W	2.7
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-phase	VAC	400
	phase-neutral	VAC	230
Operating voltage range		-	
	phase-phase	VAC	323456
	phase-neutral	VAC	187264
Connection method			Via CT
Current			
IEC maximum (Imax)		А	5
IEC minimum (Imin)		А	0.05
IEC rated (Iref-lb)		А	5
IEC start (Ist)		mA	0.005
Transition (Itr)		А	0.25
Accuracy			
Measurement conditions (T +23°C ±1°C / Rel. Humidity 45 ±15% R.H.)			
	active energy		Class B
	active energy		(EN50470-3)
	reactive energy		Class 2 (IEC/EN
			62053-23)
Output characteristics			
LED Pulse rate		pulse/kW	
LED Pulse duration		ms	30
Static output pulse rate		pulse/kW	h 0.1-1-10-100 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

DMED305T2MID 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

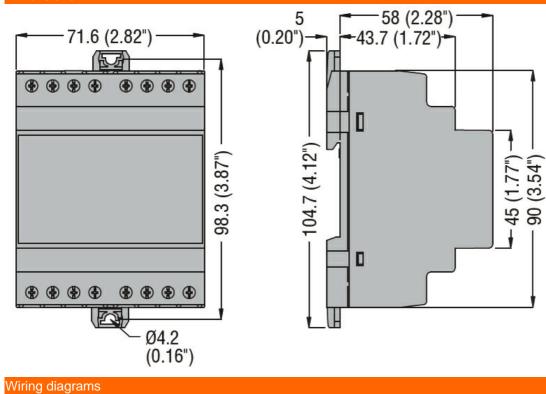
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Terminals type				Fixed
Conductor cross se	ection			
		min	mm²	0.2
				4 for supply
				voltage
		Max	mm²	measurement
				2.5 for current
				measurement
		min	AWG	24
		Max	AWG	12
Fightening torque (I	Max)			
			Nm	0.8
			lbin	7
Fixing				DIN rail
Weight			g	332
Ambient conditions	i			
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 environment				Class M1
Magnetic environment				Class E1

Dimensions

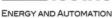




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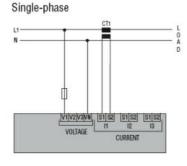
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electric

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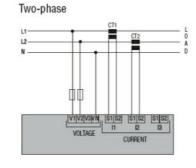


Three-phase without neutral in ARON connection

S1 S2

CURREN

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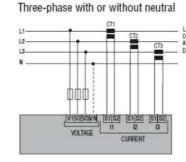
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VOLTAGE

S1 S2

CURRENT

SI



Tariff input

A

100...240VAC T1 T2 ~

Pulse output 30VDC 50mA for DME D305 T2



RS485 for DME D330 TRABS RS485

M-Bus for DME D332



Certifications and compliance

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V1 V2 V3VN

VOITAGE

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L3

Compliance		
	EN50470-1	
	EN50470-3	
	TR 50579	
Certificates		
	EAC	
	MID (moduli B + D)	
	RCM	
ETIM classification		
		EC001506 -

ETIM 8.0

EC001506 -Kilowatt-hour meter