## 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
Product designation			energy meters
Product type designation			DMED305T2MID
Туре			Three-phase + neutral
DIN rail module number			4
Auxiliary supply Us			
Operational frequency			
	min	Hz	50
Power consumption			
	Max	VA	3.5
Power dissipation 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)		A	5
		A	0.05
IEC rated (Iref-Ib)		A	5
IEC start (Ist)		mA	0.005
Transition (ltr)		А	0.25
Accuracy			Class B (EN
	Active energy		50470-3)
	<b>D</b> (1		Class 2 (IEC/EN
	Reactive energy		62053-2 <sup>3</sup> )
Output characteristics			
LED Pulse rate		pulse/kWh	n 10000
LED Pulse duration		ms	30
Static output pulse rate		pulse/kWh	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
Terminals type			Fixed

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

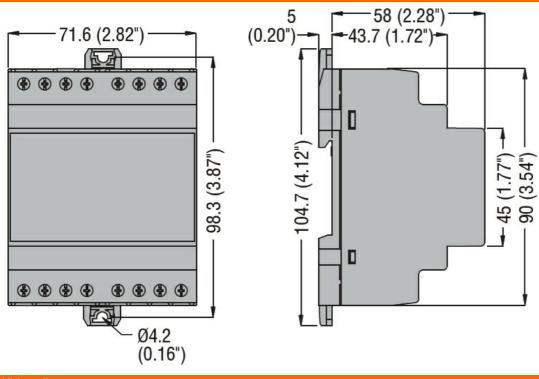


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## Conductor cross section

	min	mm²	0.2
			4 for supply
			voltage
	Max	mm²	measurement;
			2.5 for current
			measurement
	min	AWG	24
	Max	AWG	12
Tightening torque (Max)			
		Nm	0.8
		lbin	7
Fixing			Din rail
Weight		g	332
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 environment			Class M1
Magnetic environment			Class E2
Dimensions			

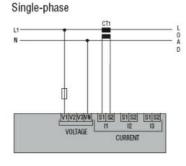


## DMED305T2MID



ENERGY AND AUTOMATION

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Three-phase without neutral in ARON connection

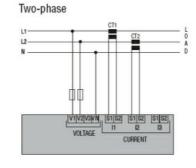
S1 S2

CURREN

H

12

L3



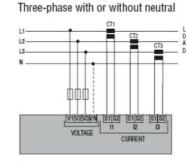
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VOLTAGE

S1 S2

CURRENT

SI



Tariff input

A

100...240VAC T1 T2 ~

Pulse output 30VDC 50mA for DME D305 T2



RS485 for DME D330 TRABS

M-Bus for DME D332



RS485

## Certifications and compliance

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V1 V2 V3VN

VOITAGE

11

12

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