



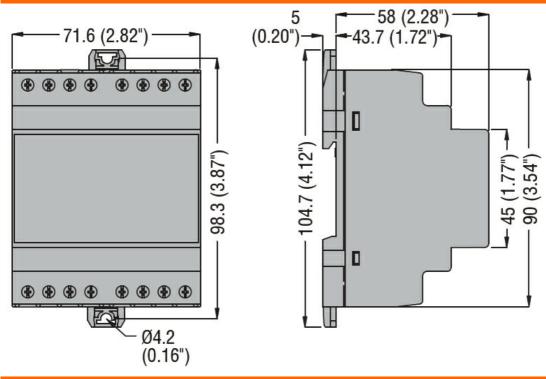
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Product designation			Three-phase energy meters
Product type designation			DMED301MID
Туре			Three-phase + neutral
DIN rail module number			4
Auxiliary supply Us			
Operational frequency			
	min	Hz	50
Power consumption	Max	VA	20
Power dissipation Max		W	1.35
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-phase	VAC	400
	phase-neutral	VAC	230
Operating voltage range			
	phase-phase	VAC	323456
· -	phase-neutral	VAC	187264
Connection method			Direct
Current		•	
IEC maximum (Imax)		Α	80
IEC minimum (Imin)		A	0.5
IEC rated (Iref-Ib)		Α	10
IEC start (Ist) Transition (Itr)		mA A	1
Accuracy		A	I
Accuracy			Class B (EN
	Active energy		50470-3)
	Reactive energy		Class 2 (IEC/EN 62053-23)
RS485 serial interface			
Baud rate		bps	Programmable 120038400
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		•	
	min	mm²	2.5
	Max	mm²	25
	min Max	AWG AWG	14 4
	ividX	AVVG	7



ENERGY	ANDA	AUTOMA	NOITA
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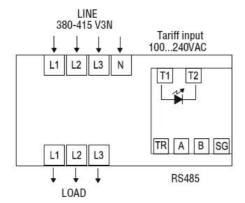
Tightening torque (Max)			
		Nm	2
		lbin	17.7
Fixing			Din rail
Weight		g	360
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-25
	max	°C	+70
Relative humidity		%	<80
Maximum Pollution degree			2
Mechanical environment			Class M1
Magnetic environment			Class E2

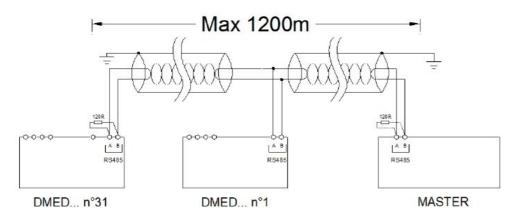
Dimensions



Wiring diagrams







Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

EAC

MID (moduli B + D)

RCM

ETIM classification

ETIM 8.0

EC001506 -Kilowatt-hour meter