ENERGY METER, THREE-PHASE WITH NEUTRAL, NON EXPANDABLE, MID CERTIFIED, UTF CERTIFIED. 80A DIRECT CONNECTION, 4U, RS485 INTERFACE, MULTI-MEASUREMENTS

			S0 = V=1
Product designation			Three-phase energy meters DMED301MID +
Product type designation			UTF CERTIFICATE
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)		Α	0.5
IEC rated (Iref-lb)		Α	10
IEC start (lst)		mΑ	40
Transition (Itr) Accuracy		A	1
	Active energy		Class 1 (IEC/EN 62053-21)
			•
	Reactive energy		Class 2 (IEC/EN 62053-23)
RS485 serial interface			Class 2 (IEC/EN 62053-23)
RS485 serial interface Baud rate		bps	Class 2 (IEC/EN
		bps	Class 2 (IEC/EN 62053-23) Programmable
Baud rate Insulations Rated insulation voltage Ui IEC/EN		bps V	Class 2 (IEC/EN 62053-23) Programmable
Baud rate Insulations		-	Class 2 (IEC/EN 62053-23) Programmable 120038400
Baud rate Insulations Rated insulation voltage Ui IEC/EN		V	Class 2 (IEC/EN 62053-23) Programmable 120038400
Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp		V kV	Class 2 (IEC/EN 62053-23) Programmable 120038400 250 6
Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage		V kV	Class 2 (IEC/EN 62053-23) Programmable 120038400 250 6
Baud rate Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features		V kV	Class 2 (IEC/EN 62053-23) Programmable 120038400 250 6 4
Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type		V kV	Class 2 (IEC/EN 62053-23) Programmable 120038400 250 6 4 Polyamide
Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type		V kV	Class 2 (IEC/EN 62053-23) Programmable 120038400 250 6 4 Polyamide

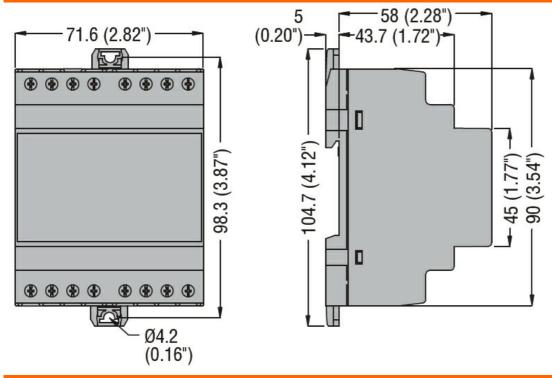




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		min	AWG	14
		Max	AWG	4
Tightening torque (M	lax)			
			Nm	2
			lbin	17.7
Fixing				Din rail
Weight			g	360
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-25
		max	°C	+70
Relative humidity			%	<80
Maximum Pollution of	degree			2
Mechanical environm	nent			Class M1
Magnetic environme	nt			Class E1
Dimensions				

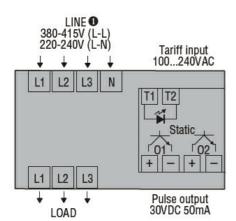
Dimensions



Wiring diagrams

ENERGY AND AUTOMATION

ENERGY METER, THREE-PHASE WITH NEUTRAL, NON EXPANDABLE, MID CERTIFIED, UTF CERTIFIED. 80A DIRECT CONNECTION, 4U, RS485 INTERFACE, MULTI-MEASUREMENTS



Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

RCM

ETIM classification

ETIM 8.0

EC001506 -Kilowatt-hour meter