



ENERGY METER FOR CHARGING STATIONS, THREE-PHASE WITH NEUTRAL, NON EXPANDABLE, MID CERTIFIED -25...+70°C, EICHRECHT CERTIFIED, 80A DIRECT CONNECTION, 4U, RS485 INTERFACE, PROGRAMMABLE STATIC OUTPUT, MULTI-MEASUREMENTS

			S00 = 1
Product designation			Three-phase
Product type designation			energy meters DMED341MID7E
Туре			Three-phase + neutral
DIN rail module number			4
Auxiliary supply Us Operational frequency			
Sportational frequency	min	Hz	50
Power consumption	Max	VA	20
Power dissipation Max	IVIAX	W	1.35
Measuring voltage inputs		- ' '	1.00
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-lb)		A	10
IEC start (Ist)		mA_	40
Transition (Itr)		Α	1
Accuracy	Active energy		Class B (EN 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	300
Rated impulse withstand voltage Uimp		kV	6
Operating frequency withstand voltage		kV	4
Mechanical features			Dolyomido
Housing type Terminals type			Polyamide Fixed
Conductor cross section			i ixeu
Conductor 61033 366tion	min	mm²	2.5
	Max	mm²	25
	min	AWG	14
	Max	AWG	4
The characteristic described in this decrease which the contract of the contra		- 4	d

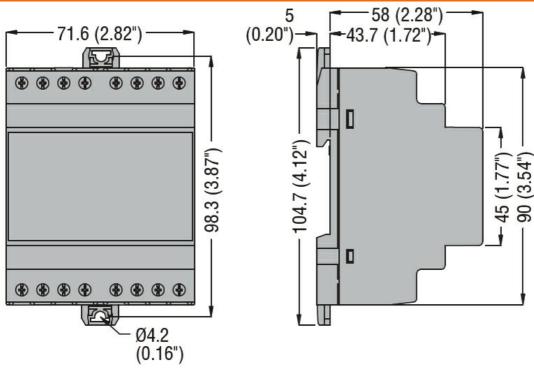




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Tightening torque (M	Max)			
riginioning torque (i	, and the same of		Nm	2
			lbin	_ 17.7
Fixing				Din rail
Weight			g	360
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-25
		max	°C	+70
Relative humidity			%	<80
Maximum Pollution	degree			2
Mechanical environ	ment			Class M1
Magnetic environme	ent			Class E2
Dimensions				

Dimensions

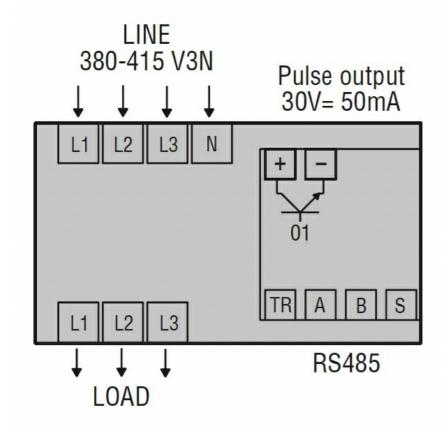


Wiring diagrams





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Certifica	tions and	l compl	iance
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Compliance

BS EN 50470-3

IEC/EN/BS 62052-11

IEC/EN/BS 62052-31

VDE-AR-E 2418-3-100

Certificates

EAC

MID (moduli B + D)

MIR

ETIM classification

ETIM 8.0

EC001506 -Kilowatt-hour meter