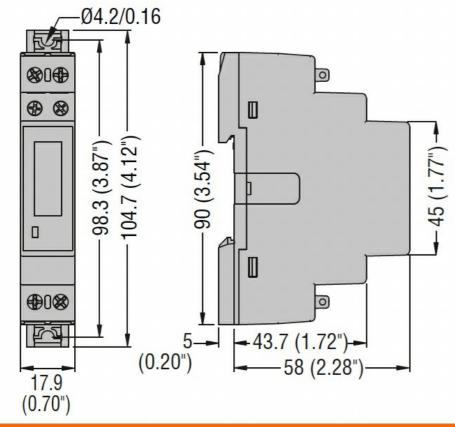
ENERGIEZÄHLER 1PH 40A DIREKTER ANSCHLUSS, 1TE, 1 PROGR. STAT. AUSGANG, MULTIMESS., 220...240VAC RS485

			Section 19 18 Section 19 Section 19 Section 19 Section 19 Section 19 Section 19 Sectio
Product designation			Single-phase energy meters
Product type designation			DMED111
Туре			single-phase
DIN rail module number			1
Auxiliary supply Us			
Operational frequency			
	min	Hz	50
	max	Hz	60
Power consumption	Maria	١/٨	4
Dower dissinction May	Max	VA W	0.4
Power dissipation Max Measuring voltage inputs		VV	0.4
Rated voltage (Ue)			
raiou vollage (OC)	phase-neutral	VAC	110120 / 220 240
Operating voltage range			
	phase-neutral	VAC	93264
Connection method			Direct
Current			
IEC maximum (Imax)		A	40
IEC minimum (Imin)		Α	0.25
IEC rated (Iref-lb)		A	5
IEC start (lst)		mA	20
Transition (Itr)		Α	0.5
Accuracy			Olaca 4 /IEO/EN
	Active energy		Class 1 (IEC/EN 62053-21)
	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			5
Housing type			Polyamide
Terminals type			Fixed
Conductor cross section			4.5
	min	mm²	1.5
	Max	mm²	10
	min Max	AWG AWG	16 6
Tightening torque (Max)	iviax	AVVG	0
	- A T'	- 41- : :	
The characteristics described in this document are subject to updates or modifications	s at any time. The description	s rechnical a	11101

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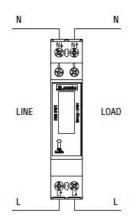
			Nm	1.5
			lbin	14
Fixing				Din rail
Weight			g	90
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-25
		max	°C	+70
Relative humidity			%	<80
Maximum Pollution d	egree			2
Mechanical environm	ient			Class M1
Magnetic environmer	nt			Class E1
Dimensions				

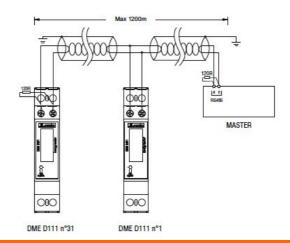


Wiring diagrams



ENERGIEZÄHLER 1PH 40A DIREKTER ANSCHLUSS, 1TE, 1 PROGR. STAT. AUSGANG, MULTIMESS., 220...240VAC RS485





Certifications and compliance

Compliance

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

Certificates

CB

RCM

ETIM classification

ETIM 8.0

EC001506 -Kilowatt-hour meter