



Auxiliary supply U_s

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	3.5
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Power dissipation Max

W	2.7
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Measuring voltage inputs

Rated voltage (U_e)

phase-phase	VAC	380...415
phase-neutral	VAC	220...240

Operating voltage range

phase-phase	VAC	323...456
phase-neutral	VAC	187...264

Connection method

Via CT

Current

IEC maximum (I_{max})

A	5
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IEC minimum (I_{min})

A	0.05
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IEC rated (I_{ref-Ib})

A	5
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IEC start (I_{st})

mA	0.005
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Transition (I_{tr})

A	0.25
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Accuracy

Active energy	Class 0.5s (IEC/EN 62053-22)
Reactive energy	Class 2 (IEC/EN 62053-23)

Output characteristics

LED Pulse rate	pulse/kWh	1000
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	10...30
Static outputs Maximum current	mA	50

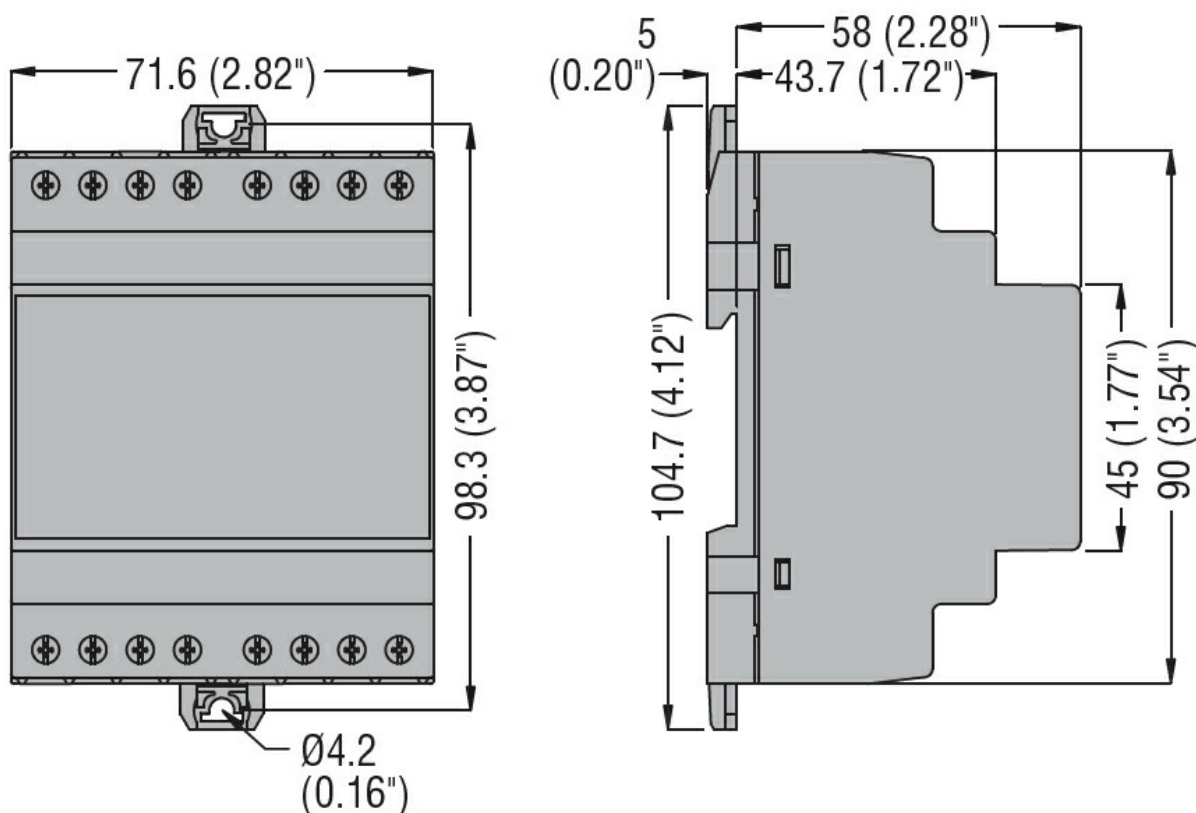
Insulations

Rated insulation voltage U_i IEC/EN	V	250
Rated impulse withstand voltage U_{imp}	kV	6
Operating frequency withstand voltage	kV	4

Mechanical features

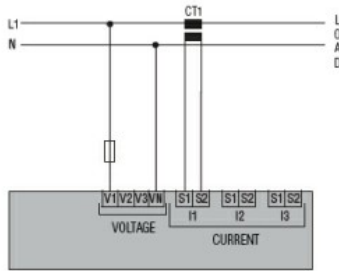
Housing type	Polyamide		
Terminals type	Fixed		
Conductor cross section	min	mm ²	0.2

					4 for supply voltage measurement; 2.5 for current measurement
	Max	mm ²			
	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
Dimensions					

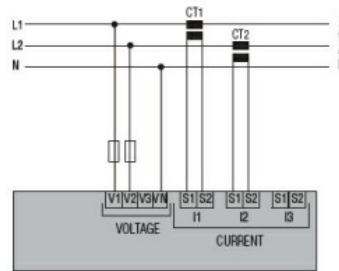


Wiring diagrams

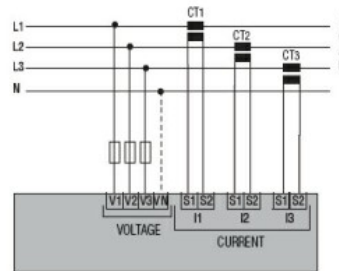
Single-phase



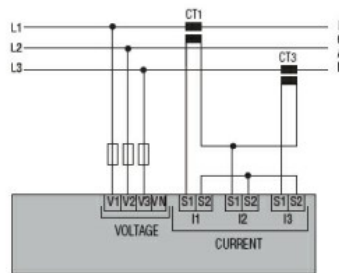
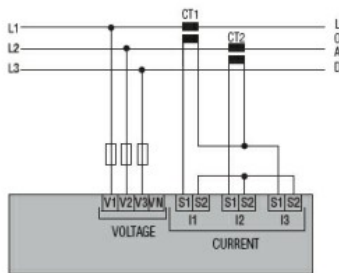
Two-phase



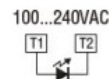
Three-phase with or without neutral



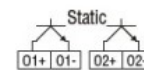
Three-phase without neutral in ARON connection



Tariff input



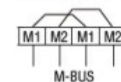
Pulse output 30VDC 50mA for DME D305 T2



RS485 for DME D330



M-Bus for DME D332



Certifications and compliance

Compliance

IEC/EN 50470-1

IEC/EN 61010-1

IEC/EN 61010-2-030

Certificates

EAC

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter