



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 1 (IEC/EN 62053-21)
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

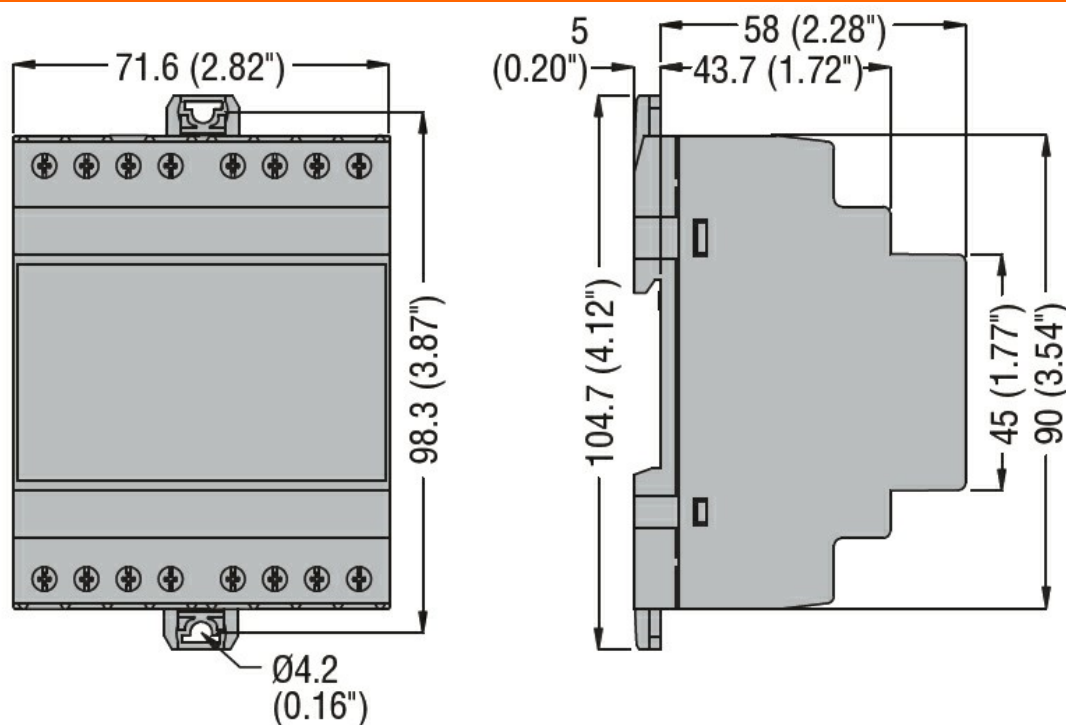
Terminals type Fixed

Conductor cross section

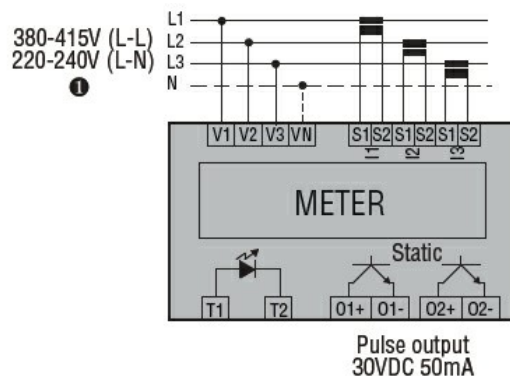
min	mm ²	0.2
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					4 for supply voltage measurement; 2.5 for current measurement
	Max	mm ²			
	min	AWG			24
	Max	AWG			12
Tightening torque (Max)					
		Nm			0.8
		lbin			7
Fixing					Din rail
Weight		g			332
Ambient conditions					
Temperature					
	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



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