



Auxiliary supply U_s

Operational frequency

min Hz 50

Power consumption

Max VA 3.5

Power dissipation Max

W 2.7

Measuring voltage inputs

Rated voltage (U_e)

phase-phase VAC 400
phase-neutral VAC 230

Operating voltage range

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

Connection method

Via CT

Current

IEC maximum (I_{max})

A 5

IEC minimum (I_{min})

A 0.05

IEC rated (I_{ref-Ib})

A 5

IEC start (I_{st})

mA 0.005

Transition (I_{tr})

A 0.25

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

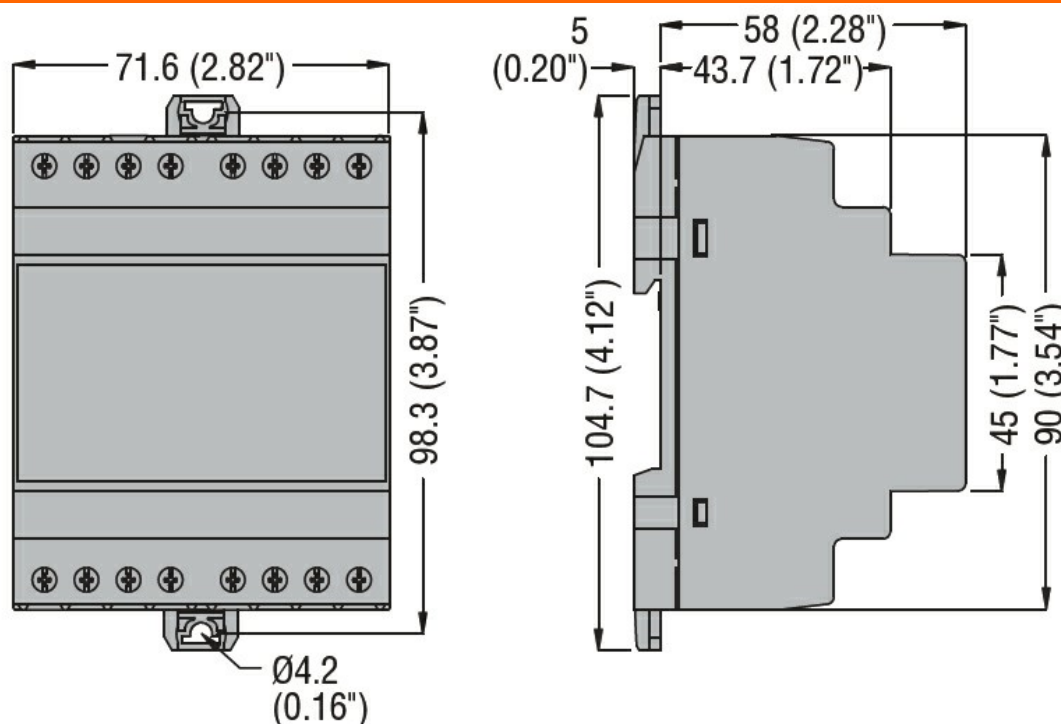
Terminals type Fixed

Conductor cross section

min mm² 0.2

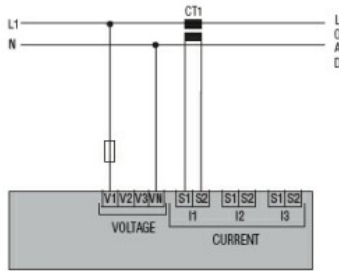
		Max	mm ²	4 for supply voltage measurement; 2.5 for current measurement
		min	AWG	24
		Max	AWG	12
Tightening torque (Max)				
			Nm	0.8
			lbin	7
Fixing				
				Din rail
Weight				
			g	381
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-25
		max	°C	+70
Relative humidity				
			%	<80
Maximum Pollution degree				
				2
Mechanical environment				
				Class M1
Magnetic environment				
				Class E1

Dimensions

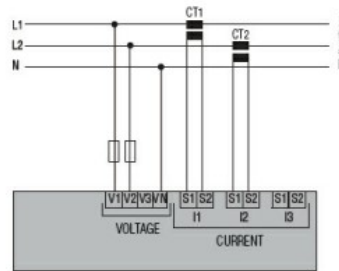


Wiring diagrams

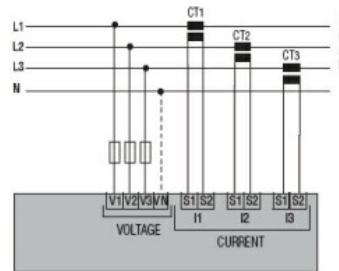
Single-phase



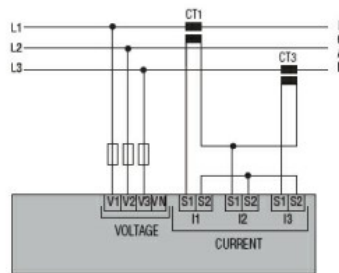
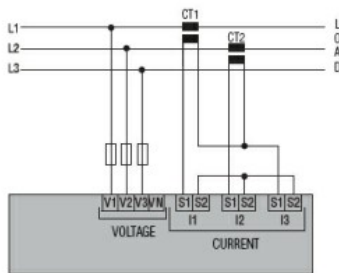
Two-phase



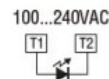
Three-phase with or without neutral



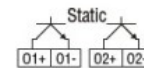
Three-phase without neutral in ARON connection



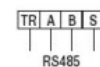
Tariff input



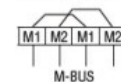
Pulse output 30VDC 50mA for DME D305 T2



RS485 for DME D330



M-Bus for DME D332



Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter