



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

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;
Max	mm ²	2.5 for current measurement
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

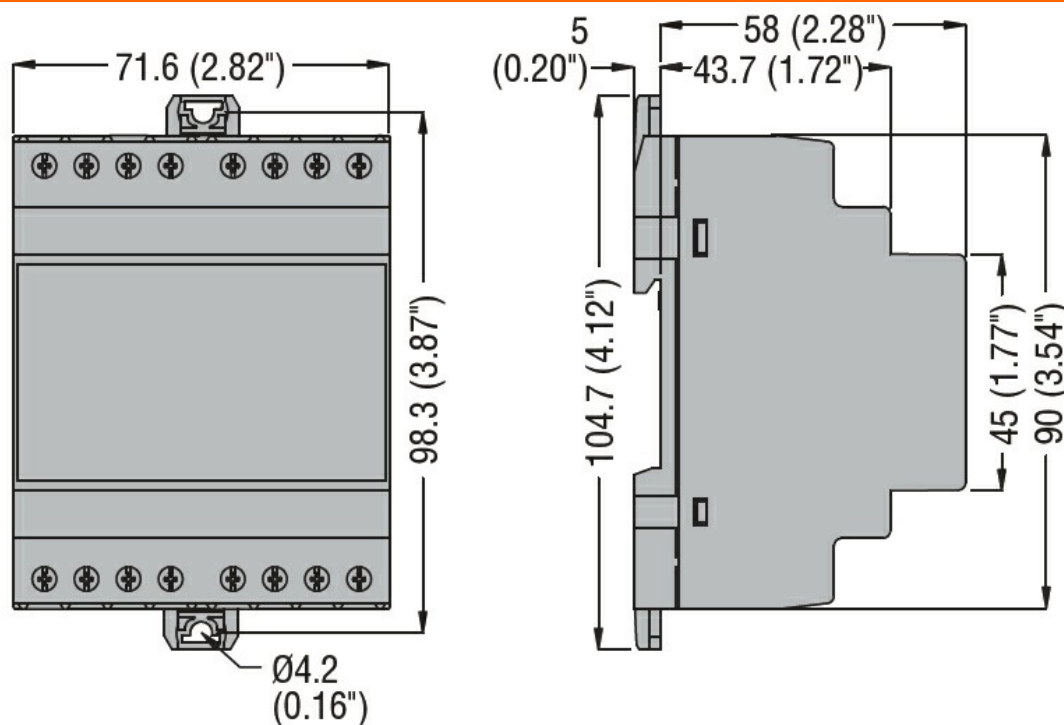
Relative humidity

% <80

Maximum Pollution degree

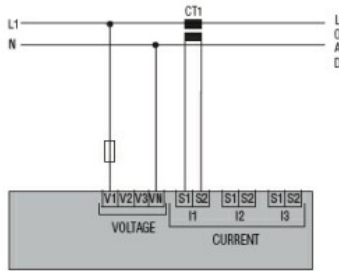
2

Dimensions

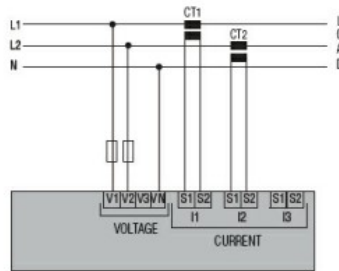


Wiring diagrams

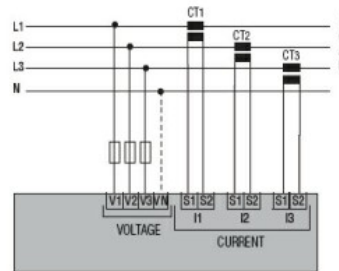
Single-phase



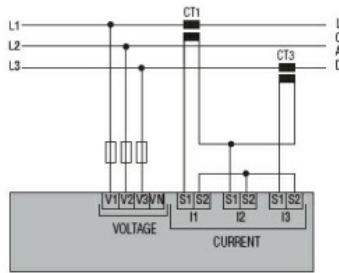
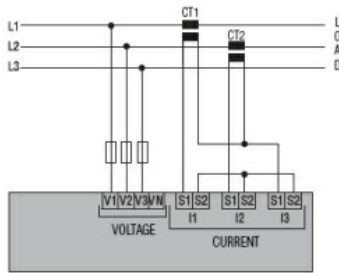
Two-phase



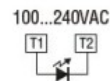
Three-phase with or without neutral



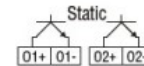
Three-phase without neutral in ARON connection



Tariff input



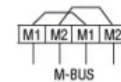
Pulse output 30VDC 50mA for DME D305 T2



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