



Auxiliary supply U_s

Auxiliary operating voltage range
AC

	Max	VAC	456
Operational frequency	min	Hz	45
	max	Hz	66
Rated frequency		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 B (EN 50470-3)
Reactive energy		Class 2 (IEC/EN 62053-23)

Output characteristics

LED Pulse rate	pulse/kWh	10000
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;
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

Max altitude

m 2000

Maximum Pollution degree

2

Overvoltage category

III

Protection degree

IP40 (Front)

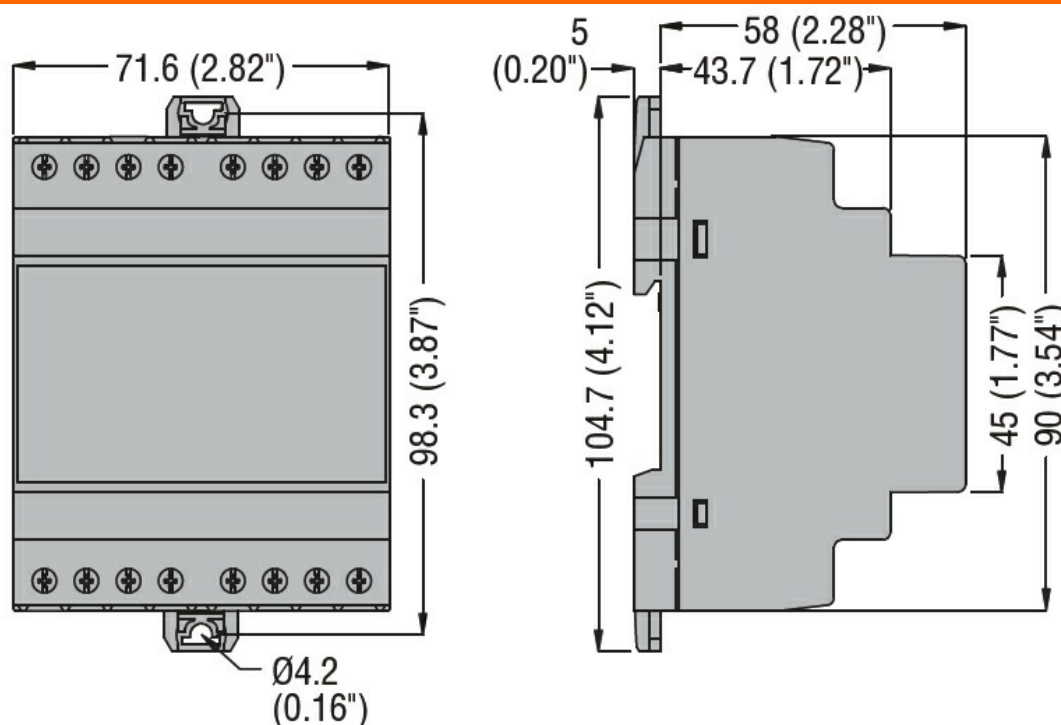
Mechanical environment

Class M1

Magnetic environment

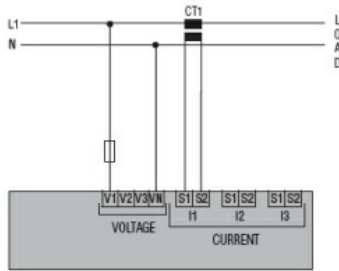
Class E2

Dimensions

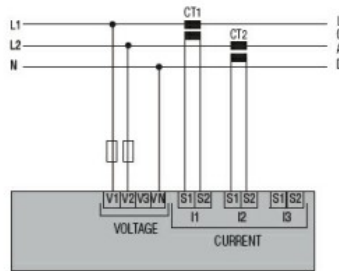


Wiring diagrams

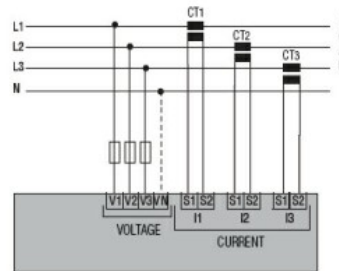
Single-phase



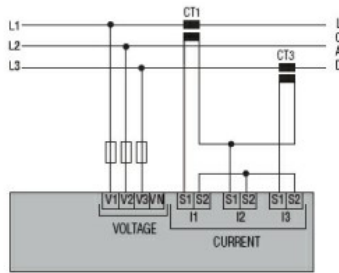
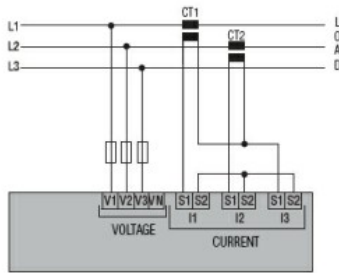
Two-phase



Three-phase with or without neutral



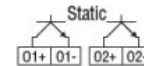
Three-phase without neutral in ARON connection



Tariff input



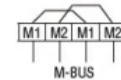
Pulse output 30VDC 50mA for DME D305 T2



RS485 for DME D330



M-Bus for DME D332



Certifications and compliance

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

EAC

MID (moduli B + D)

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter