



Product designation

Product type designation

Type

DIN rail module number

Auxiliary supply U_s

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	3.5
-----	----	-----

Power dissipation Max

W	2.7
---	-----

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
---	---

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 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
----	---

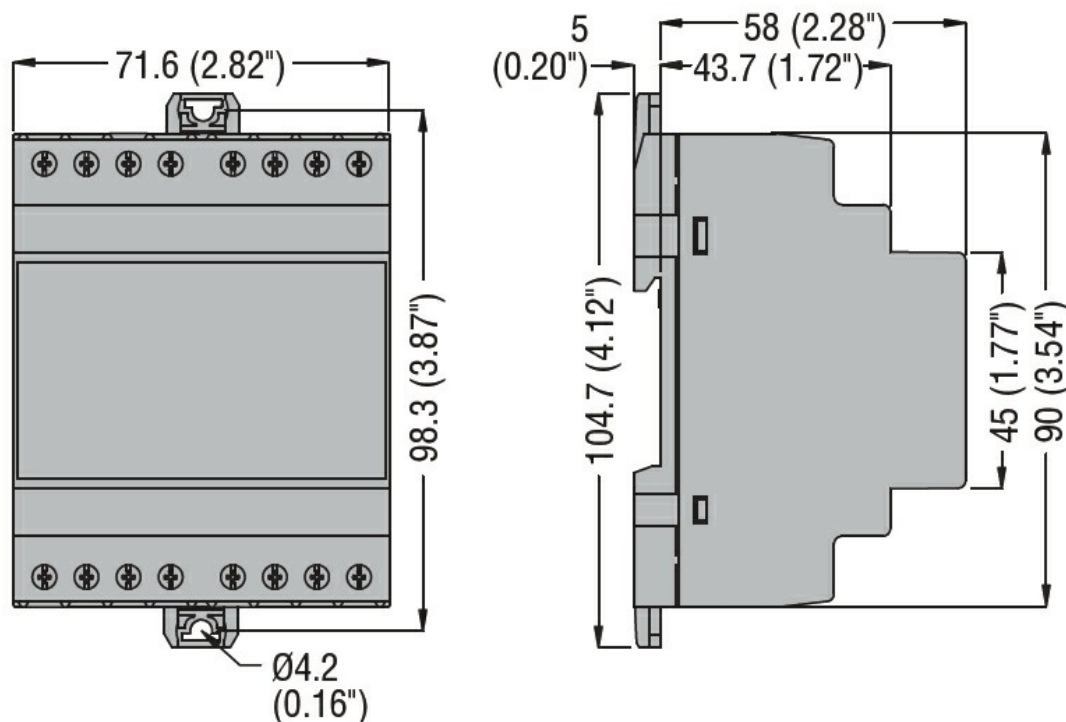
Operating frequency withstand voltage

kV	4
----	---

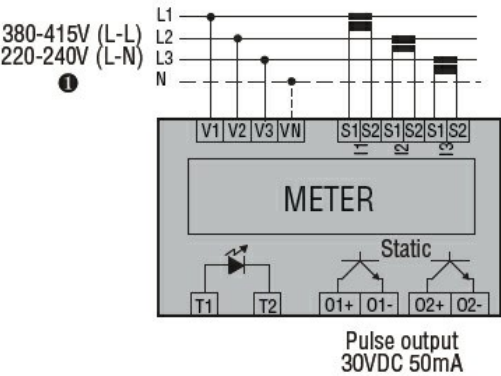
Mechanical features

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



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
----------	--------------------------------------