



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	2.4
Power dissipation Max		W	0.8

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			Direct

Current

IEC maximum (I_{max})	A	80
IEC minimum (I_{min})	A	0.5
IEC rated (I_{ref-Ib})	A	10
IEC start (I_{st})	mA	40
Transition (I_{tr})	A	1

Accuracy

Active energy		Class B (EN 50470-3)
Reactive energy		Class 2 (IEC/EN 62053-23)

RS485 serial interface

Baud rate	bps	Programmable 1200...38400
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Insulations

Rated insulation voltage U_i IEC/EN	V	300
Rated impulse withstand voltage U_{imp}	kV	6
Operating frequency withstand voltage	kV	4

Functions

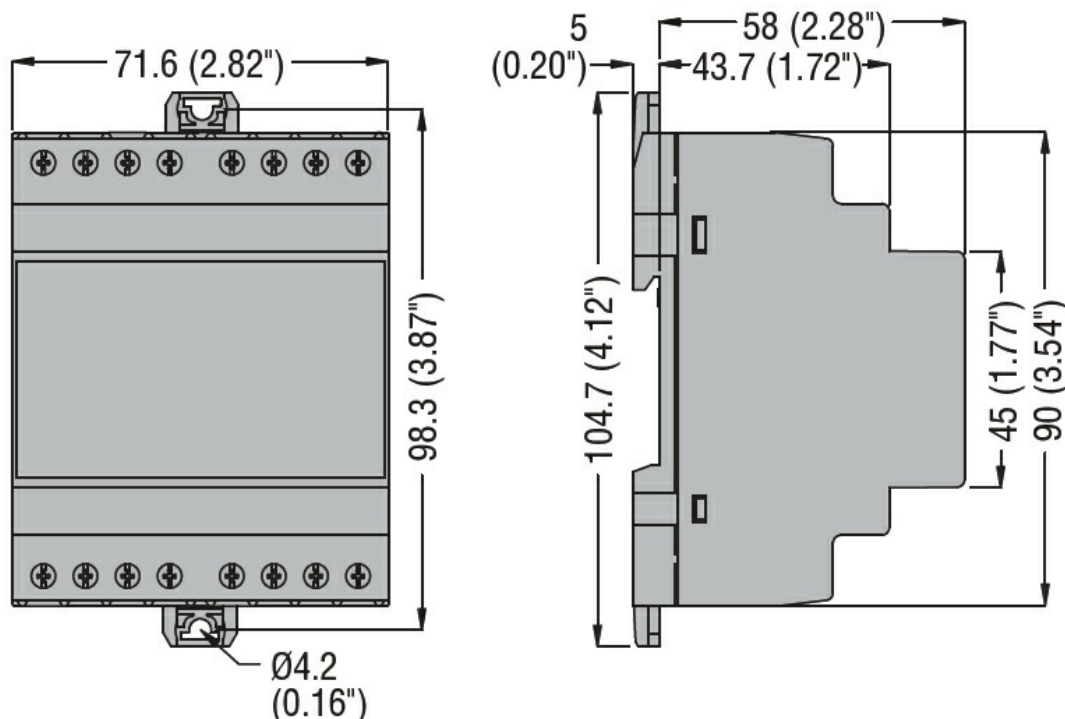
Type of communication port	RS485
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Mechanical features

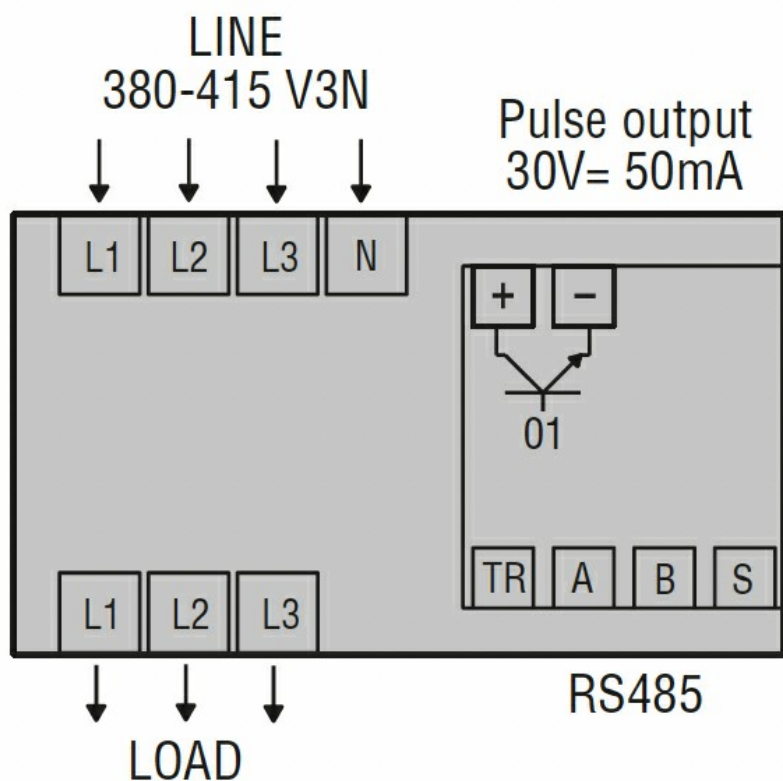
Housing type			Polyamide
Terminals type			Fixed
Conductor cross section			
	min	mm ²	2.5
	Max	mm ²	25

	min	AWG	14
	Max	AWG	4
Tightening torque (Max)		Nm	2
		lbin	17.7
Fixing			Din rail
Weight		g	360
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+70
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



Certifications and compliance

Compliance

BS EN 50470-3
IEC/EN/BS 62052-11
IEC/EN/BS 62052-31
VDE-AR-E 2418-3-100

Certificates

EAC
MID (moduli B + D)
MIR

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter