



Auxiliary supply U_s			
Auxiliary operating voltage range	AC		
		Max	VAC 264
Operational frequency		min	Hz 45
		max	Hz 66
Rated frequency			Hz 50
Power consumption		Max	VA 6.6
Power dissipation Max			W 0.45
Measuring voltage inputs			
Rated voltage (U_e)		phase-neutral	VAC 230
Operating voltage range		phase-neutral	VAC 184...264
Connection method			Direct
Current			
IEC maximum (I_{max})			A 40
IEC minimum (I_{min})			A 0.25
IEC rated (I_{ref-Ib})			A 5
IEC start (I_{st})			mA 20
Transition (I_{tr})			A 0.5
Accuracy			
		Active energy	Class B (EN 50470-3)
		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 1-10-10-1000 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 1.5

Max	mm ²	10
min	AWG	16
Max	AWG	6

Tightening torque (Max)

Nm	1.5
lbin	14

Fixing

Din rail

Weight

g 90

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)

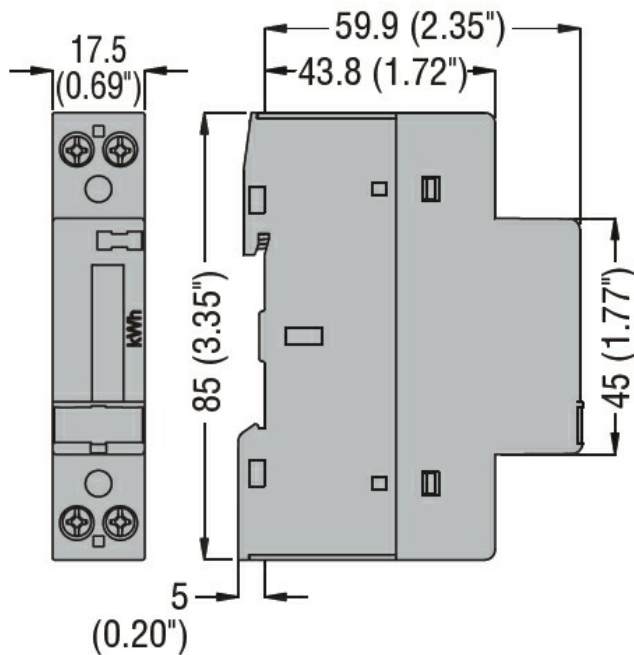
Mechanical environment

Class M1

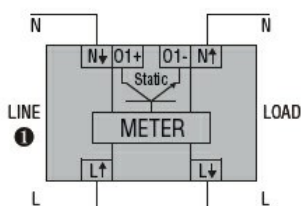
Magnetic environment

Class E2

Dimensions



Wiring diagrams



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