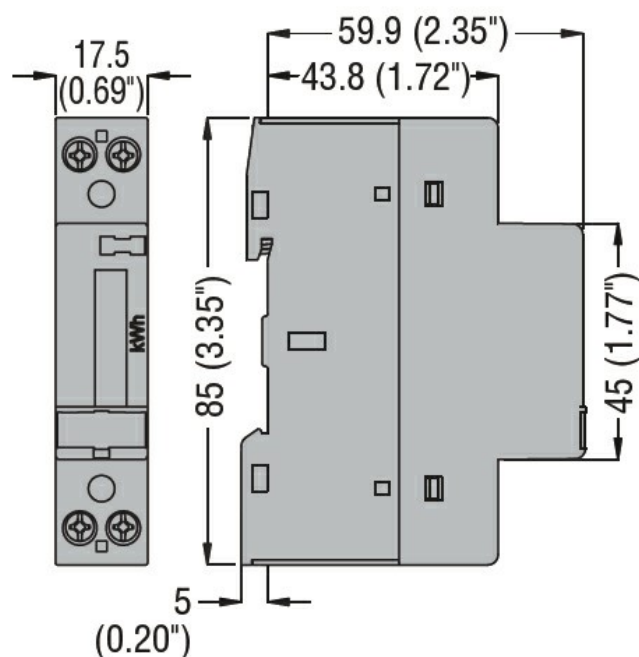




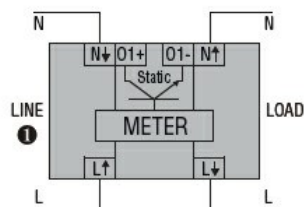
Auxiliary supply U_s			
Operational frequency			
	min	Hz	50
	max	Hz	60
Rated frequency		Hz	50
Power consumption			
	Max	VA	7
Power dissipation Max		W	0.45
Measuring voltage inputs			
Rated voltage (U_e)		phase-neutral VAC	220...240
Operating voltage range			
	phase-neutral	VAC	184...264
Connection method		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 1 (IEC/EN 62053-21)
Output characteristics			
LED Pulse rate		pulse/kWh	1000
LED Pulse duration		ms	30
Static output pulse rate		pulse/kWh	10
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			86
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	
Mechanical environment			Class M1	
Magnetic environment			Class E2	

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA 22.2 n°61010-1

EN 50470-1

IEC/EN 61010-1

UL61010-1

Certificates

cULus

EAC

RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter