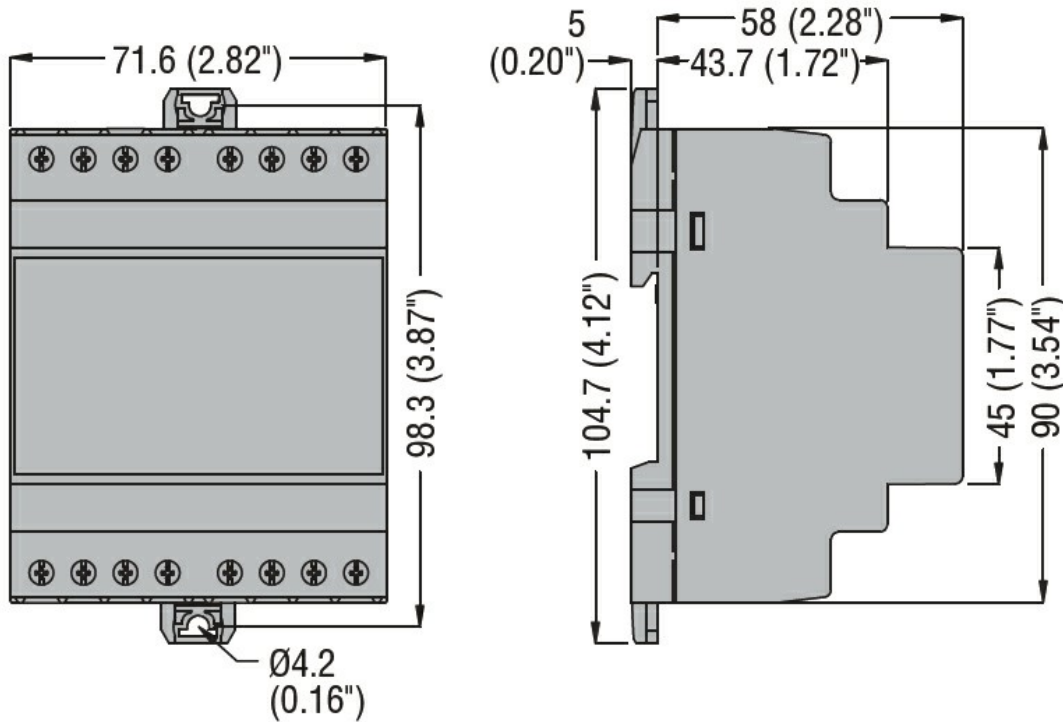




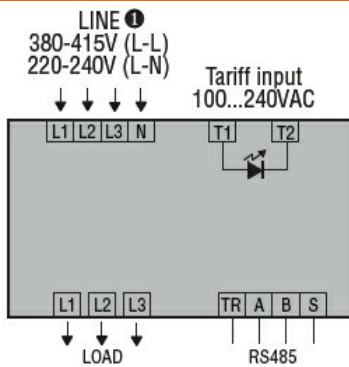
| Auxiliary supply U_s | | | |
|---|---------------|-----------------|------------------------------|
| Operational frequency | min | Hz | 50 |
| | max | Hz | 60 |
| Power consumption | | | |
| | Max | VA | 20 |
| Power dissipation Max | | W | 1.35 |
| Measuring voltage inputs | | | |
| Rated voltage (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 | | 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 | 60 |
| Transition (I_{tr}) | | A | 1 |
| Accuracy | | | |
| | | Active energy | Class 1 (IEC/EN 62053-21) |
| | | Reactive energy | Class 2 (IEC/EN 62053-23) |
| RS485 serial interface | | | |
| Baud rate | | bps | Programmable 1200...38400 |
| 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 | 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 +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