Catalogue No: **CE11165A2**

# kWh METER 1PH 32A DIRECT CONNECT PULSE OUTPUT 1 DIN MODULE






Representative Photo Only
(actual product may vary based on configuration selections)

KWH METER 1PH 32A DIRECT CONNECT PULSE OUTPUT 1 DIN MODULE

- Quick and easy to install
- Compact modern design
- High accuracy monitoring and measurement to IEC 62053-21
- Easy to read and configure
- Options for remote communication

| SPECIFICATIONS | |
|---|---|
| Product Series | Conto D1 |
| Component Type Metering | Digital Energy / Power Meter |
| Meter Type(s) | Static |
| Measurement parameters | 1-phase energy analyser<br>kWh |
| Display Technology | LCD, 7-digit display |
| Number of Characters | 7 |
| Height, Characters | 6 mm |
| Number of DIN Modules | 1 |
| Input Frequency, Nom | 50 / 60 Hz |
| Input Frequency, Max | 63 Hz |
| Input Frequency, Min | 47 Hz |
| Starting Current | 0.02 A |
| Ie, Rated Operational Current, max | 32 A,max |
| Input current (A) | 5 A |
| Input voltage, 1ph, nom (rms) | 230 V AC nom (rms) |
| Input Voltage, 1ph, min (rms) | 196 V AC min (rms) |
| Input Voltage, 1ph, max (rms) | 264 V AC max (rms) |
| Output Pulse Weight | 1 imp/Wh |
| Pulse Duration | 70 ms |
| Output pulse | 1-open collector |
| Power Consumption, Max | 0.5 W |
| Current, Overload Capacity, 10s (max) | 0.96 kA |
| Ui, Rated Insulation Voltage | 300 V (rms) |
| Mounting | DIN-35 Rail Mount |
| Accuracy Class | 1 Class |
| Pollution Degree | 2 |
| Configuration Method | No |

| | |
|---|---|
| Connection Method | Direct connect<br>Shunt connect |
| Password Protection | No |
| Material, Body / Housing | PC (Polycarbonate) material |
| Operating Temperature, Min | -5 °C min |
| Operating Temperature, Max | 55 °C max |
| Storage Temperature, Min | -25 °C min |
| Storage Temperature, Max | 70 °C max |
| Humidity type | Short-Term Condensation |
| Installation Category | III |
| Tightening Torque, Min | 0.8 Nm |
| Tightening Torque, Max | 1.1 Nm |
| Terminal Type | Screw Terminal(s) |
| IP Rating, Terminals | IP20 |
| Width | 18 mm |
| Height | 118 mm |
| Depth | 63 mm |
| Weight | 0.1 kg |
| Standards Compliance | EN 62053-21<br>EN 62053-23<br>EN 62053-31<br>EN 62052-11<br>DIN 43880<br>EN 60715<br>IEC 60715<br>IEC 62052-11<br>IEC 62053-21 |

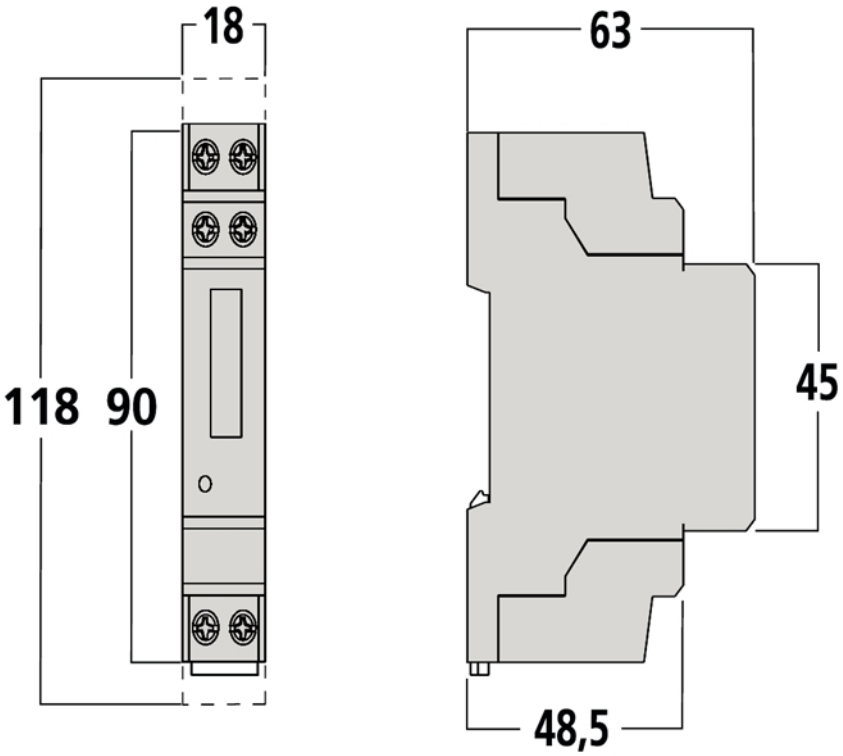
## REFERENCES

| | |
|---|---|
| IECEx Certificate | - |
| Supplier Declaration of Conformity: | - |
| Installation Guide: | - |
| User Manual: | - |
| Manufacturer Datasheet: | CE11165A2_ManufacturerDatasheet |
| Manufacturer Catalogue & Product Selection: | - |

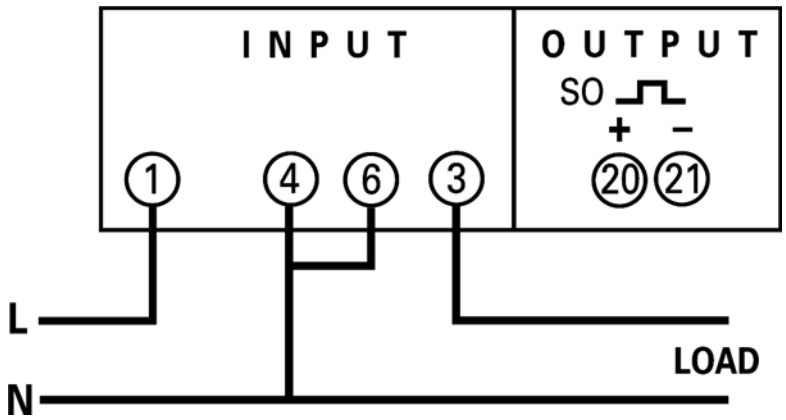
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Energy Management and Building Automation > Energy Management and Metering > Power and Multifunction Meters > IME Power and Multifunction Meters > IME Energy Meters > Conto D1




Dimension Diagram

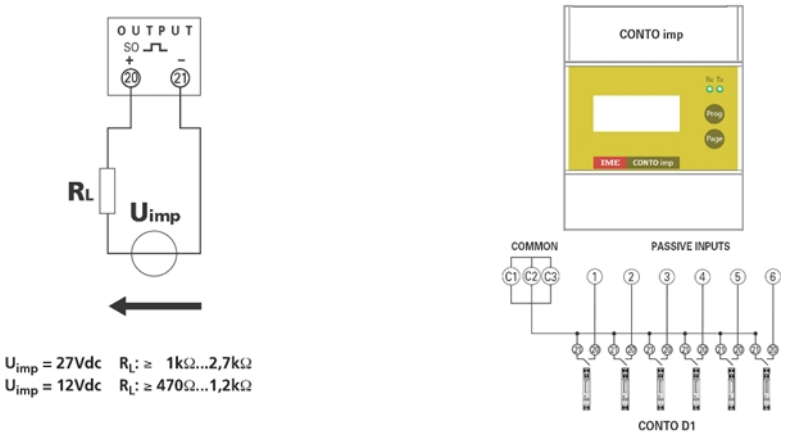



Connection / Wiring Diagram

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Technical Diagram