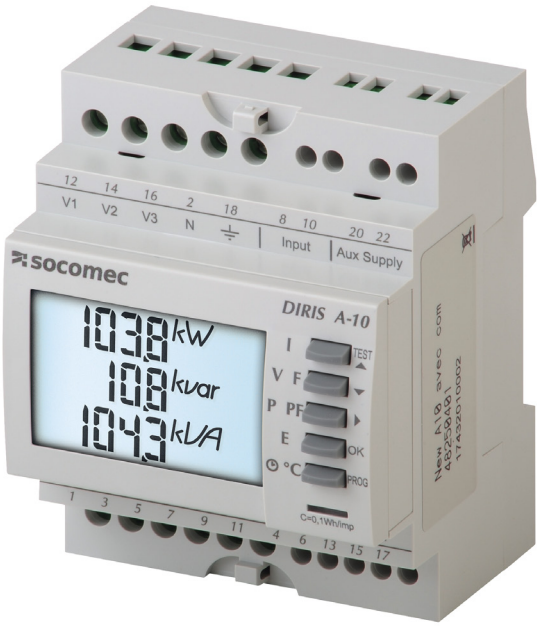
# 48250401

**Socomec DIRIS A-10 Multifunction Meter 5A CT RS485 4 DIN**

MULTIFUNCTION METERS

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|---|---|
| **Component type** | Multifunction energy meter |
| **Range** | DIRIS A-10 |
| **Model** | N/A |
| **Product status** | Existing |

The DIRIS A-10 is a compact DIN mount multifunction meter with temperature monitoring used in low voltage networks to measure electrical parameters and total harmonic distortion (THD) up to the 51st order.

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|---|---|---|
| **ELECTRICAL** | Sampling frequency | 65 Hz |
| | Supply voltage AC 50 Hz | 110-277 V |
| | Power consumption | 3 W |
| | Pulse counter | Yes |
| | Self-powered | No |
| | Pole type | Three conductor/four conductor |
| | Accuracy class active energy according to IEC 62053-22 | 0.2S |
| | Accuracy class reactive energy according to IEC 62053-23 | Other |
| | Measurement parameter kW | Yes |
| | Measurement parameter kWh | Yes |
| | Measurement parameter kVAR | Yes |
| | Measurement parameter kVARh | Yes |
| | Measurement parameter PF | Yes |
| | Measurement parameter Hz | Yes |
| | Measurement parameter VL-L | Yes |
| | Measurement parameter VL-N | Yes |
| **COMMUNICATION** | Supporting protocol for Modbus | Yes |
| **CONSTRUCTION** | Display | LCD |
| | Terminal type | Screw |
| | Mounting method | DIN rail |
| | Degree of protection (IP), front side | IP52 |
| **MECHANICAL** | Remote display | No |
| **DIMENSIONS** | Height | 90 mm |
| | Width | 72 mm |
| | Depth | 64 mm |



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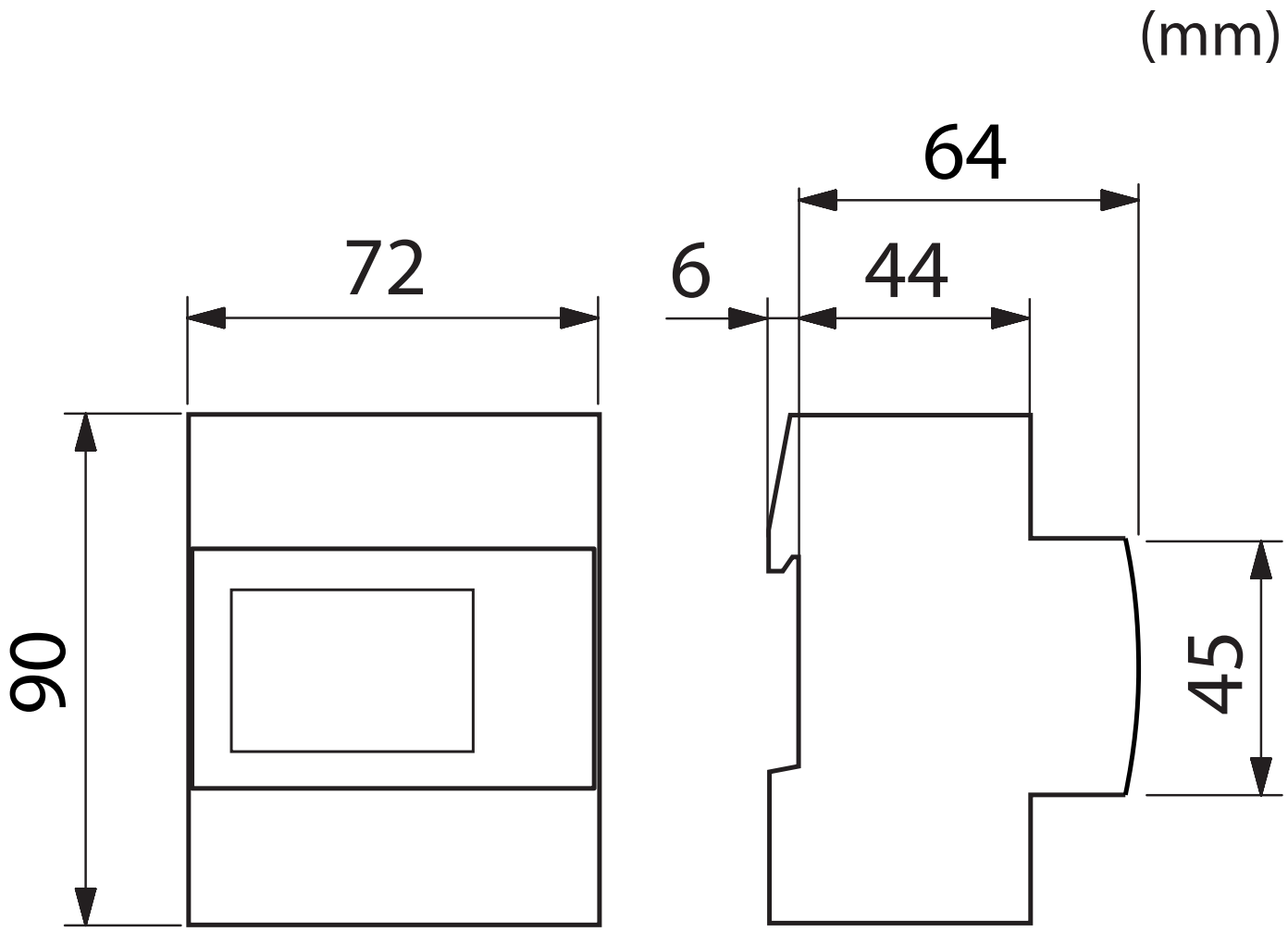
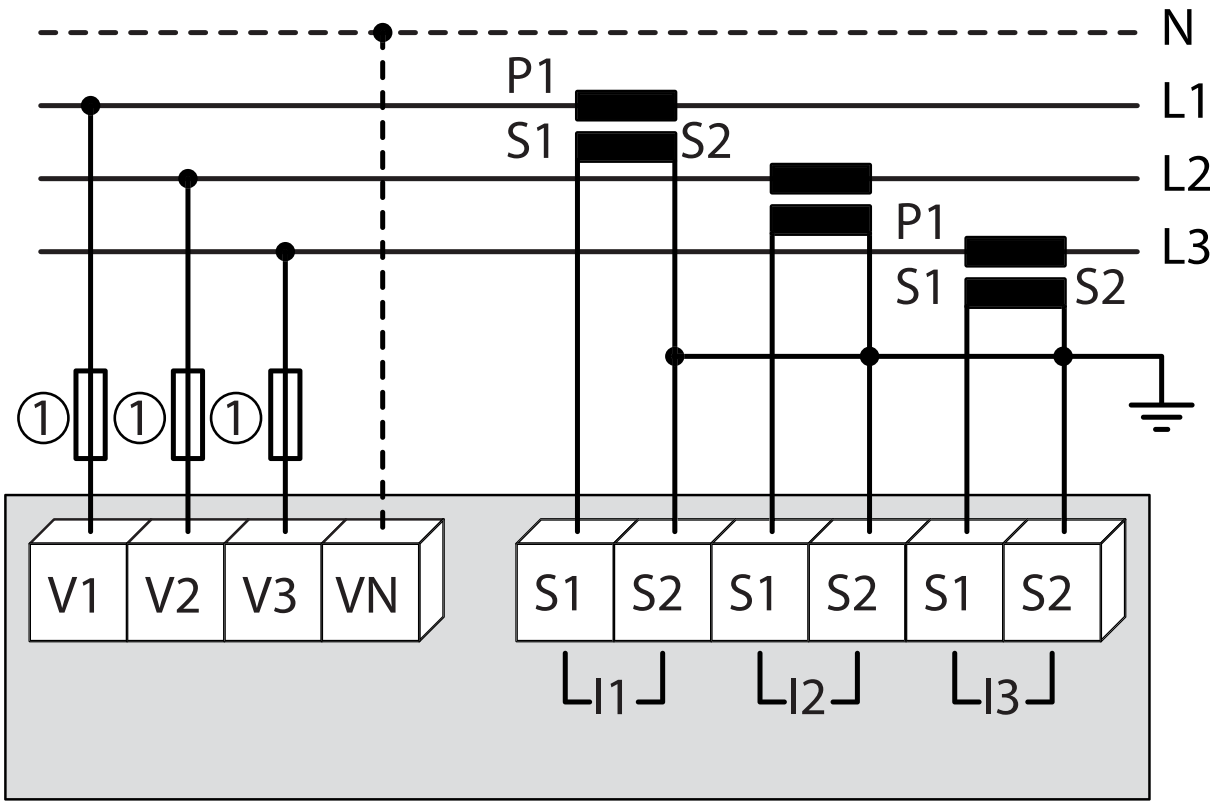
|---|---|---|
| **ENVIRONMENT** | Operating temperature | -10…55 °C |
| | Storage temperature | -20…70 °C |

## DIMENSIONAL DIAGRAM



MULTIFUNCTION METERS

## ELECTRICAL CONNECTION DIAGRAM