

# Product data sheet

Specifications



## P111 basic - 4 BI 4BO - Ion 1/5A 0.01-2Ion - Vx 24-60VAC/DC

REL10040

⚠ Discontinued on: Jul 21, 2023

⚠ Discontinued

### Main

|                             |   |
|-----------------------------|---|
| Range Of Product            | MiCOM P11x  |
| Relay Application           | Feeder  |
| Protection Type             | ANSI 79 : recloser<br>ANSI 86 : lockout<br>ANSI 49RMS : thermal overload protection<br>ANSI 37 : phase undercurrent<br>ANSI 50N/51N : earth fault<br>ANSI 50BF : breaker failure<br>ANSI 50/51 : phase overcurrent<br>ANSI 46 : negative sequence/unbalance<br>ANSI 46BC : broken conductor |
| Communication Protocol      | Modbus RTU by RS485 in rear<br>IEC 60870-5-103 by USB in front  |
| Input Output Max Capacity   | 4 inputs + 4 outputs  |
| Communication Port Protocol | IEC 60870-5-103<br>Modbus RTU   |

### Complementary

|                                    |   |
|------------------------------------|---|
| Type Of Measurement                | Current   |
| Auxiliary Supply                   | 24...60 V AC  |
| [Us] Rated Supply Voltage          | 24...60 V DC 19...72 V  |
| Control And Monitoring Type        | Latching/acknowledgement<br>Switching of groups of settings                 |
| Metering Type                      | Phase currents  |
| Network And Machine Diagnosis Type | Fault recording<br>Event recording  |
| Display Type                       | LCD display: 2 lines of 16 characters ASCII (European characters) and 9 key |
| Communication Port Support         | RS485<br>USB  |

### Environment

|                 |               |
|-----------------|---------------|
| Device Mounting | Flush         |
| Mounting Mode   | Flush-mounted |

### Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type Of Package 1       | PCE |
| Number Of Units In Package 1 | 1   |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                              |          |
|------------------------------|----------|
| Package 1 Height             | 18.0 cm  |
| Package 1 Width              | 16.2 cm  |
| Package 1 Length             | 22.4 cm  |
| Package 1 Weight             | 973.0 g  |
| Unit Type Of Package 2       | S04      |
| Number Of Units In Package 2 | 6        |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 40.0 cm  |
| Package 2 Length             | 60.0 cm  |
| Package 2 Weight             | 6.604 kg |