

# Product datasheet

Specifications



## P116 withdrawable solution - In 5A - Ion 5A 0.01-8Ion - Vx 60-240VAC/ 60-250VDC

REL10214

⚠ Discontinued on: 30 Jun 2023

⚠ Discontinued

### Main

|                             |                                                                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product            | MiCOM P11x                                                                                                                                                                                                                                                                                  |
| Device short name           | P116                                                                                                                                                                                                                                                                                        |
| 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   | 6 inputs + 7 outputs                                                                                                                                                                                                                                                                        |
| Communication port protocol | IEC 60870-5-103<br>Modbus RTU                                                                                                                                                                                                                                                               |

### Complementary

|                                    |                                                                             |
|------------------------------------|-----------------------------------------------------------------------------|
| Type of measurement                | Current                                                                     |
| auxiliary supply                   | 60...240 V AC<br>60...250 V DC                                              |
| [Us] rated supply voltage          | 90...240 V AC 71...265 V<br>60...250 V DC 48...300 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 |
| earth current inputs               | 5 A 0.01...8 Ion<br>5 A 0.1...40 In                                         |
| Communication port support         | RS485<br>USB                                                                |

### Environment

|                 |               |
|-----------------|---------------|
| Device mounting | Flush         |
| Mounting mode   | Flush-mounted |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 15.8 cm |
| Package 1 Width              | 21.8 cm |
| Package 1 Length             | 25.6 cm |
| Package 1 Weight             | 3.21 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |