

Product datasheet

Specifications



P111 basic - 4BI 8BO - Ion 1/5A 0.05-12Ion - Vx 90-240VAC/ 250VDC

REL10013

⚠ Discontinued on: 30 Jun 2021

⚠ Discontinued

Main

Range of product	MiCOM P11x
Device short name	P111A
Relay application	Feeder
Protection type	ANSI 86 : lockout ANSI 49RMS : thermal overload protection ANSI 50N/51N : earth fault ANSI 50BF : breaker failure ANSI 50/51 : phase overcurrent ANSI 46 : negative sequence/unbalance
communication protocol	Modbus RTU by RS485 in rear IEC 60870-5-103 by USB in front
Input output max capacity	4 inputs + 8 outputs
Communication port protocol	IEC 60870-5-103 Modbus RTU

Complementary

Type of measurement	Current
auxiliary supply	250 V DC 90...240 V AC
[Us] rated supply voltage	24...60 V DC 19...72 V 24...60 V AC 19...66 V 90...240 V AC 71...265 V 60...250 V DC 48...300 V
Control and monitoring type	Latching/acknowledgement Switching of groups of settings
Metering type	Phase currents
Network and machine diagnosis type	Fault recording Event recording Disturbance recording6 s
Display type	LCD display: 2 lines of 16 characters ASCII (European characters) and 9 key
earth current inputs	1/5 A 0.05...12 Ion
Communication port support	RS485 USB

Environment

Device mounting	Flush
Mounting mode	Flush-mounted

Packing Units

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.5 cm
Package 1 Width	16.5 cm
Package 1 Length	22.5 cm
Package 1 Weight	972.0 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	6.598 kg

Contractual warranty

Warranty (in months)	18
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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