



### Main

Range of product	MiCOM P11x
Device short name	P111N
Relay application	Feeder
Protection type	Breaker failure 50BF Lockout 86 Earth fault 50N/51N Negative sequence/unbalance 46 Phase overcurrent 50/51 Thermal overload protection 49RMS
Input output max capacity	0 inputs + 6 outputs
Communication protocol	Modbus RTU by RS485 in rear IEC 60870-5-103 by USB in front
Communication port protocol	IEC 60870-5-103 Modbus RTU

### Complementary

[Us] rated supply voltage	24...60 V DC 19...72 V 60...250 V DC 48...300 V 24...60 V AC 19...66 V 90...240 V AC 71...265 V
Auxiliary supply	24...240 V AC
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 recording (6 s)
Display type	LCD display 2 lines of 16 characters ASCII (European characters) and 9 key
Earth current inputs	Ion = 1/5 A (0.05...12 Ion)
Communication port support	RS485 USB

### Environment

Type of measurement	Current
Device mounting	Flush

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Mounting mode	Flush-mounted
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