

# Product datasheet

Specifications



## MiCOM P111 - 3 phase overcurrent and earth fault protection relay

P111-----

### Main

Range of product	MiCOM P111
Device short name	P111
Relay application	Feeder
Protection type	ANSI 50/51 : overcurrent Cold load pick-up ANSI 50G/51G : earth fault ANSI 86 : lockout ANSI 49RMS : thermal overload protection ANSI 50BF : breaker failure
Number of inputs	4 current input CT...X/5 A and X/1 A 8 discrete
Number of outputs	8 discrete
Communication port protocol	IEC 60870-5-103 Modbus RTU

### Complementary

Type of measurement	Current
[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	Circuit breaker/contactors control
Network and machine diagnosis type	Fault recording Event recording Disturbance recording6 s
Switchgear diagnosis type	Trip circuit supervision ANSI code: TCS
Display type	Backlit LCD: 2 lines of 16 characters
Discrete input voltage	24 V DC 19.2 V 24 V AC 19.2 V 90 V AC 71 V 90 V DC 77 V
Communication port support	RS485 USB

### Environment

Height	106.5 mm total: 101.5 mm embedded:
Width	106.5 mm
Depth	118 mm total: 113 mm embedded:

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

