

# Product datasheet

Specifications



## MiCOM P122 - Overcurrent and earth fault protection relay-20 TE-Standard display

P122-----2---

### Main

Range of product	MiCOM P122
Device short name	P122
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 37 : phase undercurrent ANSI 50BF : breaker failure ANSI 46 : negative sequence overcurrent ANSI 64REF : restricted earth fault
Number of inputs	4 current input CT...X/5 A and X/1 A 3 discrete
Number of outputs	7 discrete
Communication port protocol	IEC 60870-5-103 Modbus RTU DNP3

### Complementary

Type of measurement	Current
[Us] rated supply voltage	24...250 V DC 19.2...300 V 48...250 V DC 38.4...300 V 48...240 V AC 38.4...264 V
Control and monitoring type	Circuit breaker/contactor control
Network and machine diagnosis type	Fault recording Event recording Disturbance recording 15 s
Switchgear diagnosis type	Trip circuit supervision ANSI code: TCS
Display type	Backlit LCD: 2 lines of 16 characters
Discrete input voltage	24...250 V DC 19.2 V standard variant 48...250 V AC 19.2 V standard variant 48...250 V DC 105 V further option 48...250 V DC 77 V further option 48...250 V DC 154 V further option 48...240 V AC 105 V further option 48...240 V AC 77 V further option 48...240 V AC 154 V further option
Communication port support	RS485 RS232

### Environment

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<b>Height</b>	Total: 177 mm Embedded: 157.5 mm
<b>Width</b>	103 mm
<b>Depth</b>	Total : 270 mm Embedded : 240 mm
<b>Device mounting</b>	Flush

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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 Better

#### Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	No
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### Use Again

#### Repack and remanufacture

Take-back	No
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