Product data sheet

Specifications

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

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Main

Range of product	MiCOM P122
Device short name	P122
Relay application	Feeder
Protection type	Overcurrent ANSI code: 50/51 Cold load pick-up Earth fault ANSI code: 50G/51G Lockout ANSI code: 86 Thermal overload protection ANSI code: 49RMS Phase undercurrent ANSI code: 37 Breaker failure ANSI code: 50BF Negative sequence overcurrent ANSI code: 46 Restricted earth fault ANSI code: 64REF
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

[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 recording15 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

Type of measurement	Current

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Height	177 mm total: 157.5 mm embedded:
Width	103 mm
Depth	270 mm total: 240 mm embedded:
Device mounting	Flush

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