Product datasheet

Specifications

P220 disturbance recorder - IEC 60870-5-103

REL22002

Discontinued on: 31 Dec 2023

End-of-service on: 31 Mar 2024

Discontinued

Main

Range of product	MiCOM P220
Device short name	P220
Relay application	Motor protection
Protection type	ANSI 50G/51G : earth fault ANSI 37 : phase undercurrent ANSI 14 : underspeed (2 set points) ANSI 66 : starts per hour ANSI 49RMS : thermal overload protection Locked rotor ANSI 46 : negative sequence overcurrent ANSI 50/51 : overcurrent
Number of inputs	11 0 4
Number of outputs	6 discrete 1 analog
Communication port protocol	DNP3 IEC 60870-5-103 Modbus RTU

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	VT supervision ANSI code: VTS CT supervision ANSI code: CTS 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

Height	Total: 177 mm Embedded: 157.5 mm
Width	103 mm
Depth	Total : 270 mm Embedded : 240 mm
Device mounting	Flush

Contractual warranty

Warranty (in months)	18

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