

Product data sheet

Specifications



P220 disturbance recorder - IEC 60870-5-103

REL22002

⚠ Discontinued on: Dec 31, 2023

⚠ End-of-service on: Mar 31, 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/contactors 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

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

Environment

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