

Product data sheet

Specifications



MiCOM P123 - Overcurrent and earth fault protection relay-20 TE- Standard display

P123-----2---

⚠ Discontinued on: Jan 12, 2024

⚠ To be end-of-service on: Dec 31, 2030

⚠ Discontinued - Service only

Main

Range Of Product	MiCOM P123
Device Short Name	P123
Relay Application	Feeder
Protection Type	ANSI 50/51 : overcurrent ANSI 79 : recloser 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 5 discrete
Number Of Outputs	9 discrete
Communication Port Protocol	DNP3 Modbus RTU IEC 60870-5-103

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/contactors 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	RS232 RS485

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