

Product data sheet

Specifications



MiCOM P521 - Feeder differential protection relay - 30 TE - Large LCD display

P521-----3---

⚠ Discontinued - Service only

⚠ Discontinued on: Jan 12, 2024

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

Main

Range Of Product	MiCOM P521
Device Short Name	P521
Relay Application	Line differential
Protection Type	ANSI 79 : recloser ANSI 50N/51N : earth fault ANSI 37 : phase undercurrent ANSI 27 : undervoltage ANSI 59 : overvoltage ANSI 46 : negative sequence/unbalance ANSI 49RMS : thermal overload protection ANSI 81L : underfrequency ANSI 50BF : breaker failure ANSI 67N : directional earth fault ANSI 81O : overfrequency ANSI 67 : directional phase overcurrent ANSI 50/51 : overcurrent ANSI 59N : neutral voltage displacement
Number Of Inputs	4 current input CT...X/5 A and X/1 A 5 voltage 5 discrete
Number Of Outputs	8 discrete
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
Network And Machine Diagnosis Type	Fault recording Event recording Disturbance recording15 s
Switchgear Diagnosis Type	CT/VT supervision
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: 156 mm embedded:
Width	155 mm
Depth	249.6 mm total: 223 mm embedded:
Device Mounting	Flush