P127------2---

MiCOM P127 - Overcurrent and earth fault protection relay-30 TE-Standard display

Main

Range of product	MiCOM P127
Device short name	P127
Relay application	Feeder
Protection type	Overcurrent ANSI code: 50/51 Recloser ANSI code: 79 Cold load pick-up Earth fault ANSI code: 50G/51G Lockout ANSI code: 86 Negative sequence overvoltage ANSI code: 47 Undervoltage ANSI code: 27 Overvoltage ANSI code: 59 Rate of change of frequency ANSI code: 81R Neutral voltage displacement ANSI code: 59N Thermal overload protection ANSI code: 49RMS Underfrequency ANSI code: 81L Phase undercurrent ANSI code: 37 Breaker failure ANSI code: 50BF Negative sequence overcurrent ANSI code: 46 Restricted earth fault ANSI code: 64REF Directional earth fault ANSI code: 67N Directional phase overcurrent ANSI code: 67 Overfrequency ANSI code: 81O Voltage-restrained overcurrent ANSI code: 50V/51V
Number of inputs	4 current input CT...X/5 A and X/1 A 3 voltage 12 discrete
Number of outputs	9 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
Control and monitoring type	Circuit breaker/contactor control
Network and machine diagnosis type	Fault recording Event recording

	Disturbance recording15 s
Switchgear diagnosis type	CT/VT supervision 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

Environment

Type of measurement	Current
Height	177 mm total: 156 mm embedded:
Width	155 mm
Depth	249.6 mm total: 223 mm embedded:
Device mounting	Flush