



### Main

Range of product	MiCOM P225
Device short name	P225
Relay application	Motor protection
Protection type	Earth fault ANSI code: 50G/51G Phase undercurrent ANSI code: 37 Underspeed (2 set points) ANSI code: 14 Starts per hour ANSI code: 66 Thermal overload protection ANSI code: 49RMS Undervoltage ANSI code: 27 Overvoltage ANSI code: 59 Locked rotor Negative sequence overcurrent ANSI code: 46 Overcurrent ANSI code: 50/51 Breaker failure ANSI code: 50BF
Number of inputs	11 0 4 1.3
Number of outputs	6 discrete 2 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 recording 15 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

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Communication port support	RS485 RS232
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## Environment

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Height	177 mm total: 156 mm embedded:
Width	155 mm
Depth	249.6 mm total: 223 mm embedded:
Device mounting	Flush

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