

Product datasheet

Specifications



P225 over/under voltage - IEC 60870-5-103

REL22502

⚠ Discontinued on: 31 Dec 2023

⚠ End-of-service on: 31 Mar 2024

⚠ Discontinued

Main

| | |
|-----------------------------|---|
| Range of product | MiCOM P225 |
| Device short name | P225 |
| 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 ANSI 27 : undervoltage ANSI 59 : overvoltage Locked rotor ANSI 46 : negative sequence overcurrent ANSI 50/51 : overcurrent ANSI 50BF : breaker failure |
| Number of inputs | 11 0 4 1.3 |
| Number of outputs | 6 discrete 2 analog |
| Communication port protocol | Modbus RTU IEC 60870-5-103 DNP3 |

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 |

| | |
|----------------------------|----------------|
| Communication port support | RS485 RS232 |
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Environment

| | |
|-----------------|-------------------------------------|
| Height | Total: 177 mm Embedded: 157.5 mm |
| Width | 103 mm |
| Depth | Total : 270 mm Embedded : 240 mm |
| Device mounting | Flush |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 22 cm |
| Package 1 Width | 24 cm |
| Package 1 Length | 34 cm |
| Package 1 Weight | 4.468 kg |

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No