

# Product data sheet

Specifications



## MiCOM P521 - Feeder differential protection relay - 30 TE - Standard display

P521-----2---

### Main

<b>Range of product</b>	MiCOM P521
<b>Device short name</b>	P521
<b>Relay application</b>	Line differential
<b>Protection type</b>	Recloser ANSI code: 79 Earth fault ANSI code: 50N/51N Phase undercurrent ANSI code: 37 Undervoltage ANSI code: 27 Overvoltage ANSI code: 59 Negative sequence/unbalance ANSI code: 46 Thermal overload protection ANSI code: 49RMS Underfrequency ANSI code: 81L Breaker failure ANSI code: 50BF Directional earth fault ANSI code: 67N Overfrequency ANSI code: 81O Directional phase overcurrent ANSI code: 67 Overcurrent ANSI code: 50/51 Neutral voltage displacement ANSI code: 59N
<b>Number of inputs</b>	4 current input CT...X/5 A and X/1 A 5 voltage 5 discrete
<b>Number of outputs</b>	8 discrete
<b>Communication port protocol</b>	Modbus RTU DNP3 IEC 60870-5-103

### Complementary

<b>[Us] rated supply voltage</b>	24...250 V DC 19.2...300 V 48...250 V DC 38.4...300 V 48...240 V AC 38.4...264 V
<b>Network and machine diagnosis type</b>	Fault recording Event recording Disturbance recording 15 s
<b>Switchgear diagnosis type</b>	CT/VT supervision
<b>Display type</b>	Backlit LCD: 2 lines of 16 characters
<b>Discrete input voltage</b>	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
<b>Communication port support</b>	RS485 RS232

# Environment

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<b>Height</b>	177 mm total: 156 mm embedded:
<b>Width</b>	155 mm
<b>Depth</b>	249.6 mm total: 223 mm embedded:
<b>Device mounting</b>	Flush

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