# Product data sheet

Specifications



## MiCOM P123 - Overcurrent and earth fault protection relay-20 TE-Standard display

P123----2--

O To be discontinued on: 31 December 2023

To be end-of-service on: 31 December 2030

Range of product	MICOM P123	
Device short name	P123	
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 Thermal overload protection ANSI code: 49RMS Phase undercurrent ANSI code: 37	
	Breaker failure ANSI code: 50BF Negative sequence overcurrent ANSI code: 46 Restricted earth fault ANSI code: 64REF	
Number of inputs	4 current input CT X/5 A and X/1 A 5 discrete	
Number of outputs	9 discrete	
Communication port protocol	DNP3 Modbus RTU	
	IEC 60870-5-103	
Complementary		
Complementary [Us] rated supply voltage		
	24. 250 V DC 19.2. 300 V 48. 250 V DC 38.4. 300 V	
[Us] rated supply voltage  Control and monitoring type  Network and machine diagnosis	24. 250 V DC 19.2300 V 48. 250 V DC 38.4300 V 48. 240 V AC 38.4264 V	
[Us] rated supply voltage  Control and monitoring type  Network and machine diagnosis type	24. 250 V DC 19.2. 300 V 48. 250 V DC 38.4. 300 V 48. 240 V AC 38.4. 264 V  Circuit breaker/contactor control  Fault recording Event recording	
[Us] rated supply voltage	24. 250 V DC 19.2. 300 V 48. 250 V DC 38.4. 300 V 48. 250 V DC 38.4. 264 V  Circuit breaker/contactor control  Fault recording Event recording Disturbance recording 1.5 s	
(Us) rated supply voltage  Control and monitoring type  Network and machine diagnosis type  Switchgear diagnosis type	24. 250 V DC 19.2. 300 V 48. 250 V DC 38.4. 300 V 48. 240 V AC 38.4. 264 V  Circuit breaker/contactor control  Fault recording Event recording Disturbance recording 15 s  Trip circuit supervision ANSI code: TCS	

# **Micom P123 User Manual**

**L** Reisser

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