

JUMO miroTRON – Electronic Thermostat with PID Two-State Controller Function



- Two-state controller with autotuning (option)
- Integrated timer function
- Service and operating hours counter
- Bluetooth (option)
- Fast wiring through PUSH IN technology
- High-quality display and intuitive operation
- Configuration on the device or with the setup program through USB interface (USB powered)
- Operator guidance with text support in 4 languages
- Up to 4 relay outputs
- Limit value monitoring function

Order details

(1) Basic type	
701080	JUMO miroTRON with 2 relays, 76x36x62 mm
701081	JUMO miroTRON max. 4 relays, 76x36x72 mm
(2) Version	
0	Standard version
2	Customer-specific software
(3) Input	
01	1 RTD temperature probe Pt100, Pt1000 in 2-wire circuit, 1 digital input
02	1 RTD temperature probe Pt100, Pt1000 in 3-wire circuit
03	2 RTD temperature probe Pt100, Pt1000 in 2-wire circuit, 1 digital input
04	1 thermocouple and 1 digital input
05	0(4) to 20 mA and 1 digital input
06	0 to 10 V and 1 digital input
(4) Output	
23	1 relay (changeover contact AC 250 V, 10 A) and 1 relay (NO contact AC 250 V, 5 A), resistive load, only for type 701080
24	4 relays (NO contact AC 250 V, 2,5 A), resistive load, only for type 701081
26	1 relay (changeover contact AC 250 V, 10 A) and 1 digital output (14 V, 22,5 mA), only for type 701080
(5) Voltage supply	
02	AC 230 V +10/-15 %, 48 to 63 Hz
05	AC 115 V +10/-15 %, 48 to 63 Hz
30	DC 12 to 24 V +15/-15 %
(6) Extra codes	
000	Without extra code
033	PID two-state controller function

Order code

(1) (2) (3) (4) (5) (6)
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Important information about the order details:

It is not possible to switch from one measurement input group to another!

Minimum order quantity (50 pieces) applies to the following order details:

- The output "1 relay (changeover contact AC 250 V, 10 A) and 1 digital output (14 V, 22.5 mA) or
- The voltage supply AC 115 V +10/-15 %, 48 to 63 Hz

Stock versions

Order code	Part no.
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701080/0-01-23-02/000	00768119
701080/0-01-23-30/000	00770155
701080/0-04-23-02/000	00771045
701080/0-05-23-02/000	00771046
701081/0-01-24-02/000	00771047

Accessories

Description	Part no.
Activation for PID two-state controller program (701850)	00777354
mounting bracket f. DIN-rail 76mm x 36mm	00483019
USB cable, A connector to Micro-B connector length 3 m	00616250

Software

Description	Part no.
Setup JUMO miroTRON/miroVIEW	00777355