

JUMO diraTRON 104/108/116/132 – Compact Controllers (702110/11/12/13/14)

- Fixed-setpoint or program controller
- 2 parameter blocks
- Autotuning
- Setpoint changeover (4 setpoint values)
- Ramp function
- Timer function
- 4 limit value monitoring functions
- Service counter
- Individual operating level
- Separate application using structured text (ST code; option)
- Math and logic function (option)
- Fast wiring through PUSH-IN technology
- RS485 interface Modbus RTU slave (option)
- Ethernet interface Modbus TCP (option)



Order details

(1) Basic type	
702110	JUMO diraTRON 132 (size 48x24 mm, 1x analog input, 1x relay, 1x digital input, 1x digital input / digital output)
702111	JUMO diraTRON 116 (size 48x48 mm, 1x analog input, 2x relay, 1x digital input, 1x digital input / digital output)
702112	JUMO diraTRON 108 (size 48x96 mm, 1x analog input, 2x relay, 1x digital input, 1x digital input / digital output)
702113	JUMO diraTRON 108 (size 96x48 mm, 1x analog input, 2x relay, 1x digital input, 1x digital input / digital output)
702114	JUMO diraTRON 104 (size 96x96 mm, 1x analog input, 2x relay, 1x digital input, 1x digital input / digital output)
(2) Version	
8	Standard with default settings
9	Customer-specific configuration (specification in plain text)
(3) Option 1	
0	not to be used
1	1 relay output (make contact) (only 702111)
2	1 logic output 0/14 V (only 702111, 702112, 702113, 702114)
4	1 interface RS485
(4) Option 2	
0	Not to be used
1	1 relay output (make contact)
2	1 logic output 0/14 V
3	1 analog output (configurable)
7	1 Ethernet interface
(5) Option 3	
0	Not to be used
1	1 relay output (make contact) (only 702112, 702113, 702114)
2	1 logic output 0/14 V (only 702112, 702113, 702114)
5	1 PhotoMOS relay (only 702112, 702113, 702114)
(6) Option 4	
0	Not to be used
1	1 relay output (make contact) (only 702112, 702113, 702114)
2	1 logic output 0/14 V (only 702112, 702113, 702114)
5	1 PhotoMOS relay (only 702112, 702113, 702114)
6	1 relay with longer contact life (only 702112, 702113, 702114)
(7) Voltage supply	
23	AC 110 to 240 V +10/-15 %,48 to 63 Hz
25	AC/DC 20..30V,48..63Hz
(8) Extra codes	
000	Without approval
049	With BV approval
062	With DNV GL approval
214	Math and logic module
221	Structured text

Order code

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

List extra codes in sequence and separate using commas.

Important information:

The options cannot be retrofitted!
Please consider the options when ordering.

DNV GL approval, BV approval
Only available for type 702111 with voltage supply AC/DC 20 to 30 V (approval applies only to operation with DC 20 to 30 V) and type 702114 with voltage supply AC 110 to 240 V; not together with Ethernet interface. The approval is only valid for panel mounting.


Stock versions

Order code	Part no.
702110/8-0000-23/000	00680779
702110/8-0000-25/000	00680781
702110/8-0300-23/000	00680784
702111/8-0000-23/000	00680786
702111/8-0000-25/000	00680787
702111/8-0300-23/000	00680788
702112/8-0000-23/000	00680789
702112/8-0000-25/000	00680790
702112/8-0300-23/000	00680793
702112/8-0300-25/000	00704512
702113/8-0000-23/000	00680795
702113/8-0000-25/000	00680796
702113/8-0300-23/000	00680797
702114/8-0000-23/000	00680798
702114/8-0000-25/000	00680799
702114/8-0300-23/000	00680800

Accessories

Description	Part no.
USB cable, A connector to Micro-B connector length 3 m	00616250
Mounting for DIN rail, for type 702110	00688236
Mounting for DIN rail, for type 702111	00688237
Retaining bracket for DIN rail, for type 703054 (96 mm × 96 mm)	00754309
70211x(70151x)/214 (math and logic module)	00689708
70211x(70151x)/221 (structured text)	00689709
surface-mounting 2FGE-125-2/125 Feldgehäuse	00361257
Surface-mounted housing for type 96x96mm (96 mm × 96 mm), with lid	00750965
Stainl. steel housing cutout 96 x 96 mm	00628452

Software

Description	Part no.
Setup JUMO diraTRON 104/108/116/132	00678822