



Terminal

Plug-spring terminal 2x 12pin
max. 2,5 qmm

Select-switch 1-10 :
ON= N.O. OFF= N.C.
Select-switch 11-12 : function

LED indicator output 1-10
output 1-10 X3 - X4

X3.1 – X4.1: contact 1

X3.2 – X4.2: contact 2

X3.3 – X4.3: contact 3

X3.4 – X4.4: contact 4

X3.5 – X4.5: contact 5

X3.6 – X4.6: contact 6

X3.7 – X4.7: contact 7

X3.8 – X4.8: contact 8

X3.9 – X4.9: contact 9

X3.10 – X4.10: contact 10

X3.11 : input + 0-10V

X3.12 : input -

X4.11 : supply +~24V AC/DC

X4.12 : supply - ~ (GND G0)

Technical Data

Input, pin X3.11-12
Input resistance 0-10V DC
400 kOhm

Input cycle time < 30 sec. (max. cycle time)
Input pulse duration > 2 sec. (min. available time)

Output relays 1-10 max. 4A, max. 250V AC
Peak current max. 6A,
Breaking capacity max. 1000VA
Bounce time max. 2ms

Power supply X4.11-12 24V AC/DC, +-15%
Power current max. 100mA
Isolation input/contact 4 kV
Isolation input/supply 500Vss

Operating temperature -10 - +50°C
Storage temperature -30 - +80°C
Construction PCB mount. TS35, EN50022
Weight 200g
Dimensions 71 x 100 x 57 mm (WxHxD)

Analog IN input [V]	Output contact 1-10									
	1	2	3	4	5	6	7	8	9	10
0 – 0,5	0	0	0	0	0	0	0	0	0	0
0,5 – 1,5	1	0	0	0	0	0	0	0	0	0
1,5 – 2,5	0	1	0	0	0	0	0	0	0	0
2,5 – 3,5	0	0	1	0	0	0	0	0	0	0
3,5 – 4,5	0	0	0	1	0	0	0	0	0	0
4,5 – 5,5	0	0	0	0	1	0	0	0	0	0
5,5 – 6,5	0	0	0	0	0	1	0	0	0	0
6,5 – 7,5	0	0	0	0	0	0	1	0	0	0
7,5 – 8,5	0	0	0	0	0	0	0	1	0	0
8,5 – 9,5	0	0	0	0	0	0	0	0	1	0
9,5 - 10	0	0	0	0	0	0	0	0	0	1

Output controller block for input 0-10V analog signal. Ten output channels, complementary output selectable with switch. The unit can deliver in diverse functions. Standard function: switch 11-12 OFF : the input must be cycle controlled. The output triggers, if the input voltage had this value (1 or 2 or ..-10V) over 2 seconds. The LED's indicates the outputs. Electrical isolation between input, relays contact and power supply.

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CONTROL-CIRCUIT DEVICE US 10 N

Input 0 – 10V DC (cycle controlled)

Output 10x relays contact

Power supply 24V AC/DC

C 710

E_US10

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