



MUX-U 16

## Terminal

Plug-screw terminal, 16 pin and 12 pin, max. 1,5 qmm

A.1 : + in/out 1 analog

A.2 : + in/out 2 analog

A.3 : + in/out 3 analog

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A.15 : + in/out 15 analog

A.16 : + in/out 16 analog

B.1 : + com. out/in

B.2-4 : - analog GND  
internal jumpered

B.5 : + A0 address

B.6 : + A1 address

B.7 : + A2 address

B.8 : + A3 address

B.9 : + disable modul

B.10: - com. address, disable

B.11: ~+ 24V supply (G)

B.12: ~- 24V supply (G0)

LED power supply

## Technical Data

Input / Output

Input to output R on

Input to output R off

Input to output I max.

0-10V DC, max.15V

25 Ohm

> 20M Ohm

20mA

MUX address, disable  
(optocoupler)

24V DC, +-20%

max. 5mA

MUX frequency

max. 100 Hz, (0,5 – 10 sec.)

Switch through delay

max. 25 us

Power supply

24V AC/DC, +-15%

Power current

max. 30mA

Isolation supply, analog,  
address

500 Vss

Operating temperature

-10 - +50°C

Storage temperature

-30 - +80°C

Construction

PCB mount. TS35, EN50022

Weight

120g

Dimensions

48 x 72 x 94 mm (WxHxD)

Multiplexer for analog 0-10V signals controlled with digital binary address A0-A3 and MUX-module disable.

For expansion analog common and the address is to jumper in parallel, select the MUX module with the disable input.

The MUX operation is like a rotary switch. Electrical isolation between analog part, digital address and power supply.

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### ANALOG MULTIPLEXER MUX-U 16

Input / Output

16 – 1 input / output, 1-16 output /input, analog 0-10V

Address/disable

5x 24V DC

Power supply

24 V AC/DC

**B 390**

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