

AMUX-4-24V ANALOG MULTIPLEXER

The output signal is controlled by the highest input signal. Up to 4 input signals.



FEATURES

- Multiplexer for up to four 0-10V signals
- Adjustable MIN and MAX output signal
- 24V AC/DC supply voltage
- Multicolour light emitting diodes for signal indication

FUNCTION

AMUX is a multiplexer for up to four 0-10V signals. It has four 0-10V inputs and one 0-10V output. The output signal will be the same as the highest input signal. There is also an adjustable MIN and MAX setting for the output signal. MIN is adjustable in the range 0-4V and MAX is adjustable in the range 6-10V. AMUX has five light emitting diode indications. A green one to indicate operation and four multicolour LEDs for the inputs. Only the LED for the highest input signal is illuminated. If the highest input signal is between the MIN and MAX settings, the LED shows green. If the highest input signal is above the MAX setting, the LED shows red; and if the highest input signal is below the MIN setting, the LED shows blue.

USE

AMUX is used where several 0-10V signals are to control one function. An example is garage ventilation where several CO/CO2 sensors are to be connected to a single fan controller.

MOUNTING

AMUX is mounted on a DIN rail and is adapted to Norm enclosures.

ORDERING EXAMPLE

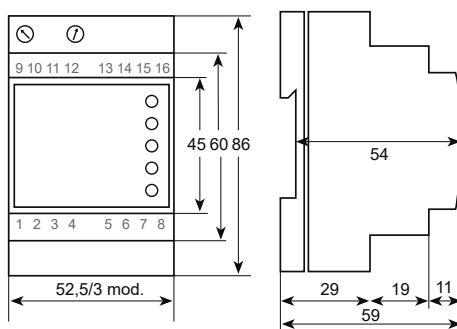
Item code	Description
AMUX-4-24V	Analog multiplexer 0-10V, 24V

TECHNICAL DATA

Supply voltage:	24V AC/DC
Power consumption:	1.2 W
Input signals:	4 x 0-10V DC
Output signal:	0-10V DC
Light emitting diodes	
- Operation:	Green
- Input signal indications:	4 x LED (RGB)
- Highest input signal:	Green, between MIN and MAX Red, above MAX Blue, below MIN
Ambient temperature:	0-50°C
Mounting:	DIN rail, standard enclosure
Dimensions WxHxD:	52.5x86x59 mm
Weight:	95 grams
Protection class:	IP20

DIMENSIONS

(mm)



CIRCUIT DIAGRAM

