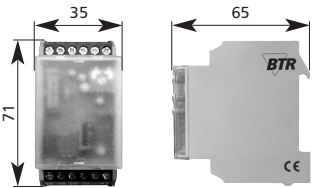
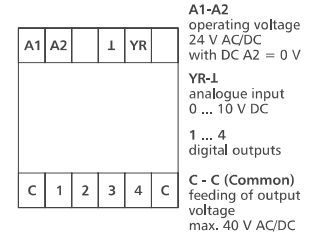


Analogue to
Digital Converter

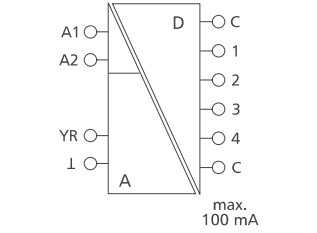
Housing Dimensions



Wiring



Wiring Diagram



Description

The coupling module ADU-C12 scans the input voltage between 0 ... 7.5 V DC in steps of 0.5 V. The digital outputs switch according to the input voltage applied (see switching status chart below). The outputs are scanned every 1.5 seconds and the switching status is signalled by LEDs.

Technical Data

Supply	operation voltage U _b	24 V AC/DC
	current consumption at U _b	24 V AC 35 mA 24 V DC 16 mA
Input	protective circuitry	rectifier diode, varistor
	input voltage	0 ... 10 V
	current consumption at YR	0.5 mA
Output	input scanning	in steps of 0.5 V
	outputs 1 ... 4	up to 40 V AC/DC max. 100 mA per channel
	contacts C (Common)	feeding of output voltage max. 40 V AC/DC
Indication	operation	green LED
	output switching status	yellow LED
Housing	housing dimensions WxHxL	35 x 71 x 65 mm
	weight	30 g
	mounting position	any
	mounting	DIN rail per EN 50022
	material	housing and terminal blocks polyamide 6.6 V0 cover polycarbonate
	type of protection (EN 60 529)	housing IP40, terminal blocks IP20
	wire cross section	2.5 mm ²
	operating temperature range	-10 °C ... +50 °C
	storage temperature range	-25 °C ... +70 °C

Switching status chart

Input	Outputs			
	1	2	3	4
V DC				
0.0 V	0	0	0	0
0.5 V	1	0	0	0
1.0 V	0	1	0	0
1.5 V	1	1	0	0
2.0 V	0	0	1	0
2.5 V	1	0	1	0
3.0 V	0	1	1	0
3.5 V	1	1	1	0
4.0 V	0	0	0	1
4.5 V	1	0	0	1
5.0 V	0	1	0	1
5.5 V	1	1	0	1
6.0 V	0	0	1	1
6.5 V	1	0	1	1
7.0 V	0	1	1	1
7.5 V	1	1	1	1
>7.5 V	1	1	1	1

ADU-C12

24 V AC/DC, 4 digital outputs

- input voltage 0 ... 10 V DC
- input scanning in steps of 0.5 V
- output voltage up to 40 V AC/DC
- indication of switching status by LEDs
- optimized housing dimensions for distribution panel installation

Part Number

110 435 13

24 V AC/DC