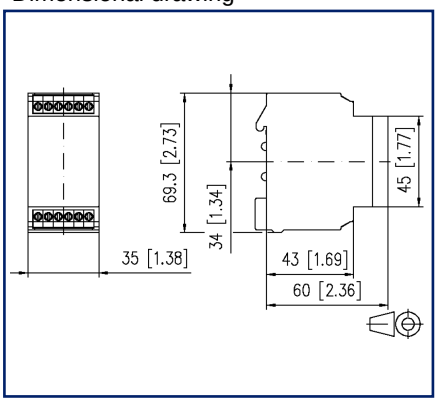
C | Logline

Data sheet
ADU-C12

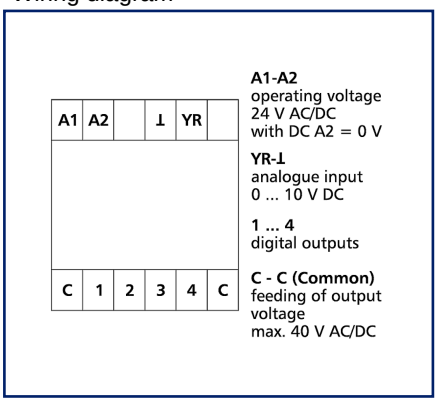
P/N 11043513
EAN 4250184121985
2023/06/20
Version: E

Illustrations

Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

The analog/digital converter ADU-C12 processes input voltages from 0 to 7.5 V DC in 0.5 V steps. The digital outputs switch according to the applied input voltage. The outputs are updated every 1.5 seconds, and the switching state is signalized by means of an LED.

- Connection with screw type terminal blocks
- Switching states are indicated by means of LEDs

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Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

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Technical Data

Supply	
Operating voltage	24 V AC/DC
Power consumption AC (max.)	50.2 mA
Power consumption DC (max.)	42 mA
Inputs	
Power consumption	max. 0.5 mA
Scanning	0.5 V steps
Outputs	
Power consumption	max. 100 mA
Indicator	yellow and green LED
Housing	
Dimensions	
Dimension (W x H x D)	35 mm x 69.3 mm x 60 mm
Dimension (W x H x D)	1.378 in. x 2.728 in. x 2.362 in.
Weight	30 g
Mounting style	Standard rail TH35
Mounting position	any
Apposition	without distance
Connection type	Screw type terminal blocks
Terminal blocks	
Wire cross section solid	0.34 mm² - 2.5 mm² / AWG 22-12
Wire cross section multi	0.25 mm² - 2.5 mm² / AWG 22-12
Wire cross section with wire ferrule	0.25 mm² - 2.5 mm² / AWG 22-12
Screw torque (max.)	0.5 Nm
Stripping length (min.)	8 mm
Material	
Material - Housing	Polyamid 6.6 V0
Color	gray
Material - Terminal block	Polyamid 6.6 V0
Material - Covers	Polycarbonat

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Technical Data

Protection category according to IEC 60529	
Protection category - housing (acc. to IEC 60529)	IP40
Protection category - terminal blocks (acc. to IEC 60529)	IP20
Temperature range	
Operating	
Temperature - Operating °C	-10 °C - 50 °C
Temperature - Operating °F	14 °F - 122 °F
Storage	
Temperature - Storage °C	-25 °C - 70 °C
Temperature - Storage °F	-13 °F - 158 °F
Power loss	
Power loss (typical)	0.8 W
Classifications	
ETIM 7.0	EC000310
ETIM 8.0	EC000310
ETIM 9.0	EC000310

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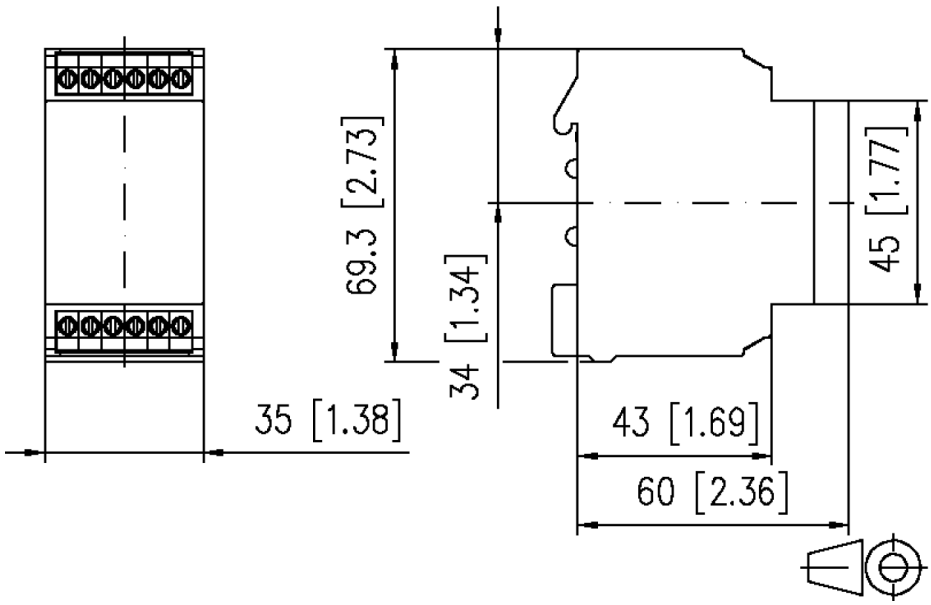
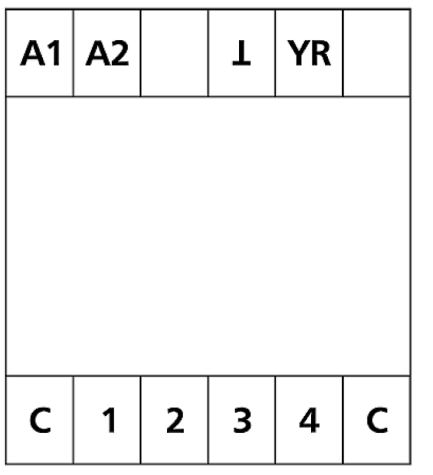
Dimensional drawing



Wiring diagram



A1-A2
operating voltage
24 V AC/DC
with DC A2 = 0 V

YR-⊥
analogue input
0 ... 10 V DC

1 ... 4
digital outputs

C - C (Common)
feeding of output voltage
max. 40 V AC/DC

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Illustrations

Circuit diagram