

Digital Analog-Converter

AD-DA 3 EV

Description

This appliance converts a 3-decade BCD-Code into an analog signal. The inputs can with TTL-level with voltages up to 24 V DC or with NPN-transistors be connected to the ground. Collector or Pull-up resistance are provided internal. The converter functions with positive logic. Not used inputs have to be grounded.

Special types with negative logic on and at plus connected inputs (PNP-transistors) with different code are available.

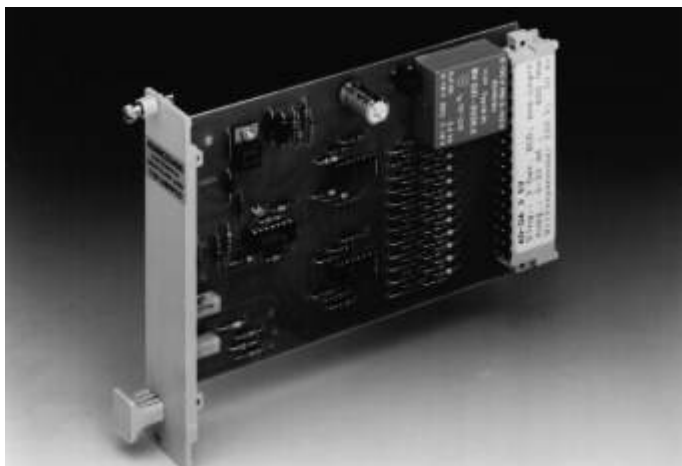
Application

Analog display of digital measured values, which does exist as BCD code.)

Specification

Power supply:	240 V +/- 10% 50-60 Hz alternative 20-30 V DC others on request
Power consumption:	ca. 2,5 VA or 2 W
Inputs:	12 or 3 decade BCD
Input level 0/1:	logic 0=0 - 1,6 V logic 1=2,3 - 24 V
Input resistance:	ca. 5 kOhm
Output: (*)	Current or voltage
Output burden:	max. 600 Ohm at 20 mA min. 500 Ohm at 10 V
Linearity:	< 1%
Ambient temperature:	0 to +50 °C
Protection:	IP 00
Weight:	ca. 180 g

(*) = values must be advised by order.

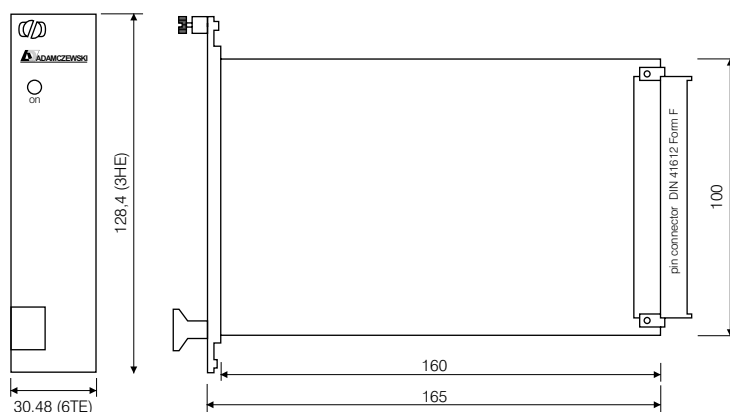


Connections and dimensions: AD-DA 3 EV

view on plugs

b	Z	
2	⊖	~ 240 V, 50-60 Hz
4	⊖	~ 240 V, 50-60 Hz
6	○	
8	○	
+8 x 10 ²	10-⊖	⊖ input ground
+4 x 10 ²	12-⊖	○
+2 x 10 ²	14-⊖	○
+1 x 10 ²	16-⊖	○
+8 x 10 ¹	18-⊖	⊖ +8 x 10 ⁰
+4 x 10 ¹	20-⊖	⊖ +4 x 10 ⁰
+2 x 10 ¹	22-⊖	⊖ +2 x 10 ⁰
+1 x 10 ⁰	24-⊖	⊖ +1 x 10 ⁰
26	⊖	⊕
28	⊖	⊖ output signal
30	○	
○	○	

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protection: IP 00



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