

Isolation Amplifier multi-channel

AD-TV 201 GA
AD-TV 202 GA
AD-TV 203 GA
AD-TV 204 GA

Description

The separation amplifier AD-TV 201-204 GA serves the galvanic separation, amplification and conversion or adjustment of analogue measuring signals. The compact housing can contain up to 4 completely independent channels. With all channels input, output and the supply voltage are galvanically separated. The channels are also completely insulated amongst each other. At each channel, input signal type and output signal type can be freely selected. Behind the front cover, spindle trimmers are located for direct adjustment. The multi-channel separation amplifier is also available as 19" card (AD-TV 201-204 EV)

Application

Galvanic separation, adjustment, amplification and conversion of analogue measuring signals in up to 4 independent channels.

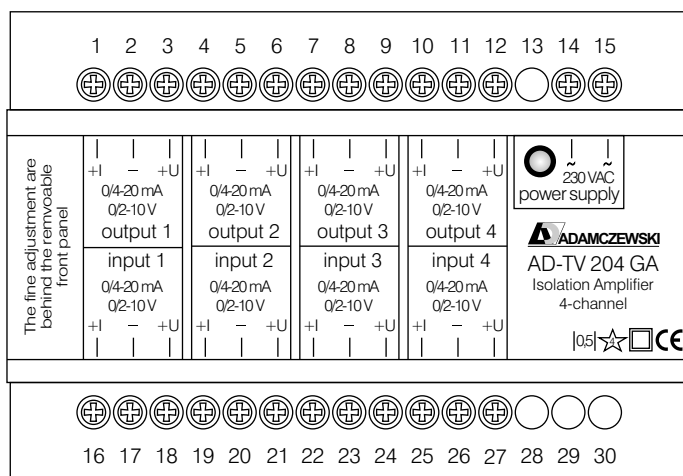


Specification

Construction type:	switchboard housing
Power supply (*):	230V AC +/-10% 50-60Hz alternative 20-30V DC galvanic isolation integrated others on request
Power consumption:	approx. 5,8 VA resp. 3,6 W
Input:	0-20mA; 4-20mA; 0-10V; 2-10V each channel adjustable others on request
Input impedance:	25 Ohm with current 500 kOhm with voltage
Output:	0-20mA; 4-20mA; 0-10V; 2-10V each channel adjustable
Output load:	max. 500 Ohm/20mA each channel min. 500 Ohm/10V each channel
Linearity error:	< 0,3%
Influence of temperature:	< 100 ppm/K
Ripple frequency:	< 50 m Vss
Insulation test voltage:	input/output: 2 kV RMS channel/channel 2 kV RMS signal/power supply 4 kV RMS AC/DC
Protective system:	input/output against over-voltage, polarity reversal, over-current power supply against over-voltage, over-current and over-temperature
CE-conformity:	EN 50081-2, EN 50082-2
Ambient temperature:	0 to 50°C

(*) values must be advised by order

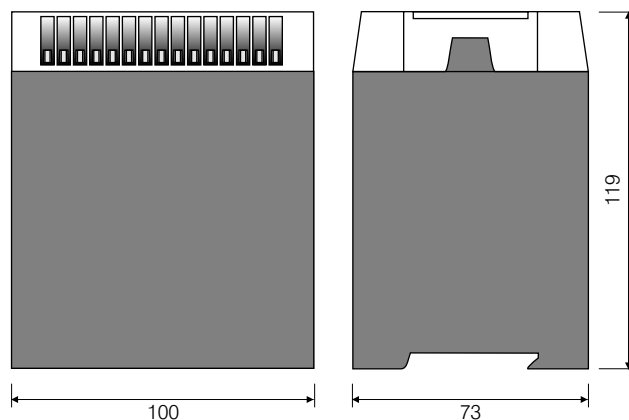
Connections and dimensions: AD-TV 201-204 GA



The fine adjustment are behind the removeable front panel

weight: ca. 350 g
protection: IP 20
manner of fastening:
DIN rail: NS35/7,5

connection data:
fine-wire: 2,5 mm²
single-wire: 4,0 mm²
max. voltage: 250 V~



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