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DATA SHEET

AO2 3

Produal

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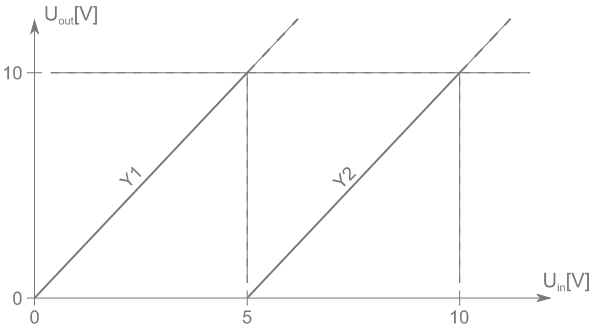
AO 2 AND AO 3 ANALOGUE SIGNAL DIVIDERS

AO 2 and AO 3 are signal converters made for HVAC applications.

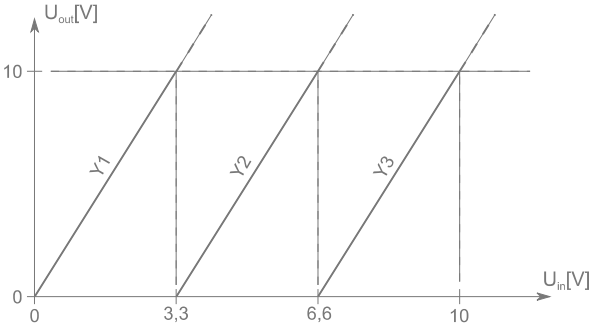
By using these converters one 0…10 V signal can be divided to two (AO 2) or to three (AO 3) 0…10 V signals.

Heating or cooling systems working in two or three steps can be made by using these signals.

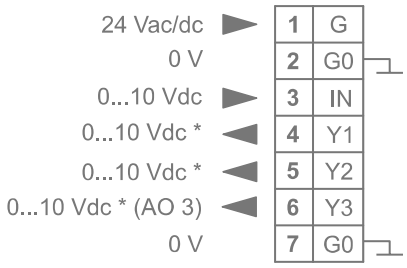
AO 2 output signals



AO 3 output signals



Wiring



* = The output signals are not limited to 10 V. See the output signal figures.



Technical data:

Supply	24 Vac/dc, 0,5 VA
Input	0...10 Vdc, < 0,2 mA
Outputs (AO 2)	0...10 Vdc *, 2 mA
Y1	0…10(…12) V if IN = 0…5(…10) V
Y2	0…10 V if IN = 5…10 V
Outputs (AO 3)	0...10 Vdc *, 2 mA
Y1	0…10(…12) V if IN = 0…3,3(…10) V
Y2	0…10(…12) V if IN = 3,3…6,6(…10) V
Y3	0…10 V if IN = 6,6…10 V
Terminals	2,5 mm²
Mounting	35 mm DIN rail
Dimensions (w x h x d)	22,5 x 77 x 52,5 mm

* = The output signals are not limited to 10 V. See the output signal figures.

Ordering guide:

Model	Product number	Description
AO 2	1182220	signal divider, 2 outputs
AO 3	1182210	signal divider, 3 outputs

Products fulfill the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).

Information is subject to change without prior notice.