

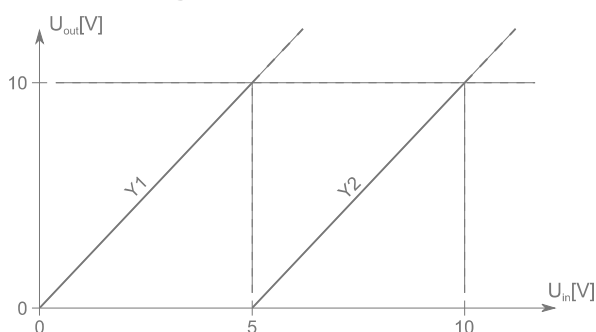
AO 2 AND AO 3 ANALOGUE SIGNAL DIVIDERS

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

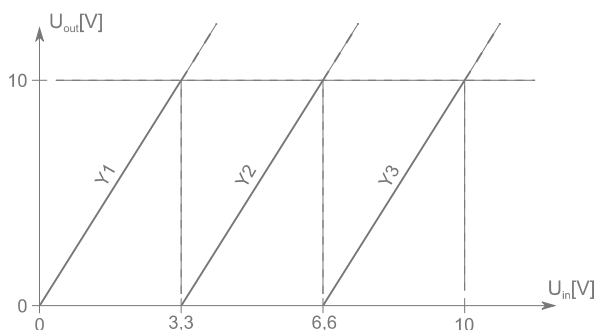
By using these converters one 0...10 V signal can be divided to two (AO 2) or to three (AO 3) 0...10 V signals.

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

24 Vac/dc	➡	1	G
0 V		2	G0
0...10 Vdc	➡	3	IN
0...10 Vdc *	➡	4	Y1
0...10 Vdc *	➡	5	Y2
0...10 Vdc * (AO 3)	➡	6	Y3
0 V		7	G0

* = 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 mm ²
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).