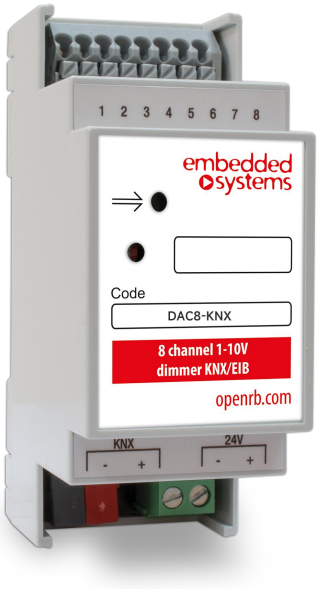
8 channel 0-10V analog outputs

0-10V analog output controller is used to control with 0-10V signal external devices like lighting ballasts, inverters etc. The device is interconnected with KNX/EIB bus.



ENG - Data sheet

Issue date 5.03.2013

Application

Lighting, automation control

Types of product

Analog 8 channel output	DAC8-KNX

Standards and norms compliance

EMC:	EN61000-6-1 EN61000-6-3
PCT	Certificate

Technical data:

Power supply:	29V DC	over KNX/EIB bus
Power consummation:	0.25W	
Interface:	KNX TP1 0-10V outputs	1 8
Connections:	KNX Outputs	Clamp, 1.5mm2 Clamp, 1.5mm2
Operating elements	LED	1 - Activity
Enclosure:	Material: Color: Dimensions:	Polyamide Gray 15(W)x90(H)x56(L) mm

Usage temperature:	0C ... +45C
Storage temperature:	-15C ... +55C
Weight:	50g
Warranty:	2 years
Relative Humidity:	10...95 % without condensation

Caution
Security advice

The installation and assembly of electrical equipment may only be performed by skilled electrician. The devices must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with application that can result danger of people, animals or real value

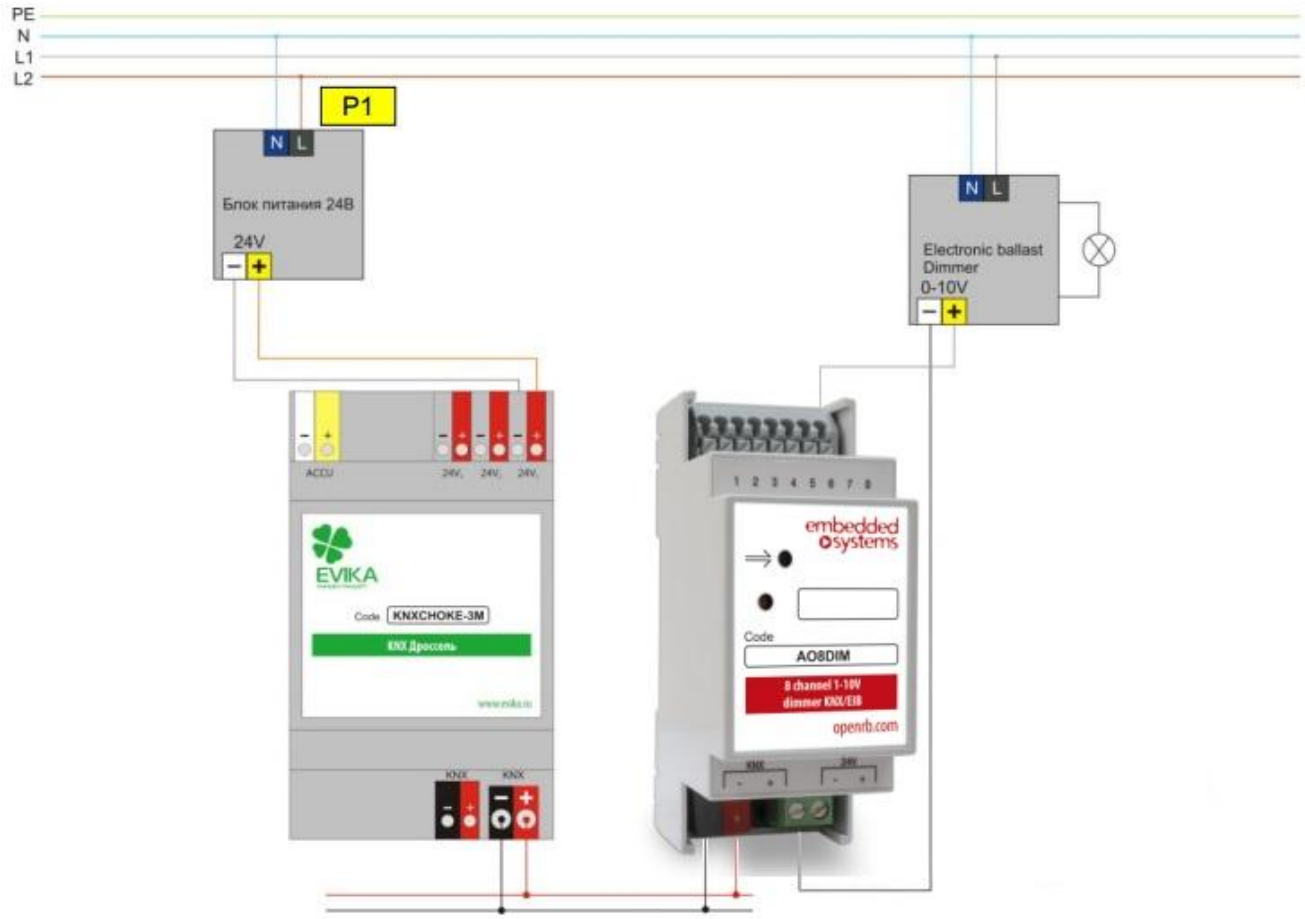
Mounting advice

The devices are supplied in operational status. The cables connections included can be clamped to the housing if required.

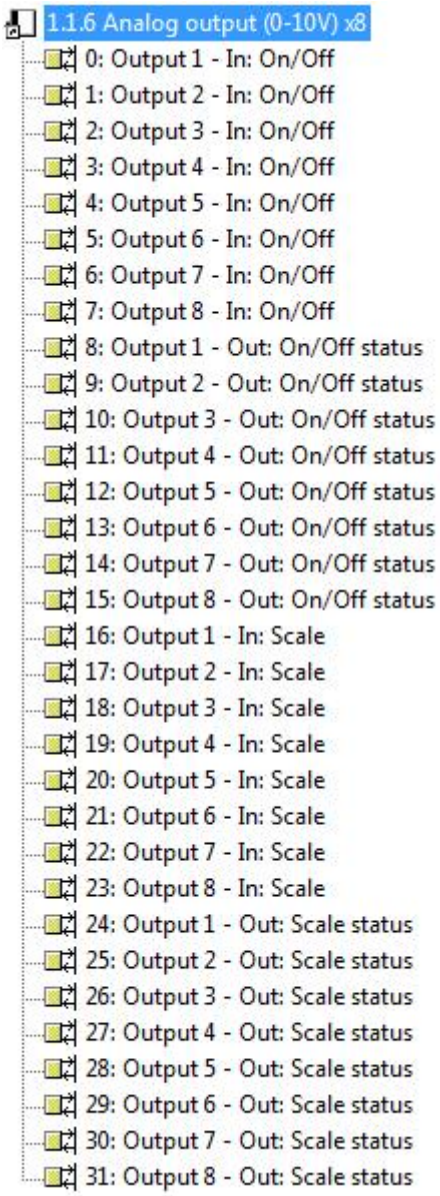
Electrical connection

The devices are constructed for the operation of protective low voltage (SELV). Grounding of device is not needed. When switching the power supply on or off, power surges must be avoided.

Connection diagram



Objects


1.1.6 Analog output (0-10V) x8
0: Output 1 - In: On/Off
1: Output 2 - In: On/Off
2: Output 3 - In: On/Off
3: Output 4 - In: On/Off
4: Output 5 - In: On/Off
5: Output 6 - In: On/Off
6: Output 7 - In: On/Off
7: Output 8 - In: On/Off
8: Output 1 - Out: On/Off status
9: Output 2 - Out: On/Off status
10: Output 3 - Out: On/Off status
11: Output 4 - Out: On/Off status
12: Output 5 - Out: On/Off status
13: Output 6 - Out: On/Off status
14: Output 7 - Out: On/Off status
15: Output 8 - Out: On/Off status
16: Output 1 - In: Scale
17: Output 2 - In: Scale
18: Output 3 - In: Scale
19: Output 4 - In: Scale
20: Output 5 - In: Scale
21: Output 6 - In: Scale
22: Output 7 - In: Scale
23: Output 8 - In: Scale
24: Output 1 - Out: Scale status
25: Output 2 - Out: Scale status
26: Output 3 - Out: Scale status
27: Output 4 - Out: Scale status
28: Output 5 - Out: Scale status
29: Output 6 - Out: Scale status
30: Output 7 - Out: Scale status
31: Output 8 - Out: Scale status

ETS parameters