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DATA SHEET

BAK 64

Produal

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BINARY STEP CONTROLLER BAK 64

Binary step controller BAK64 has been made for controlling electric heating power in the air handling units. BAK64 can be used with any control system using a 0...10V control signal, when the heating power of the coil can be divided in blocks as follows:

2P ≈ P+ 1/2xP+ 1/4xP+ 1/8xP+ 1/16xP + 1/32xP

If e.g. only 4 steps are needed, leave the steps 1 and 2 unused.

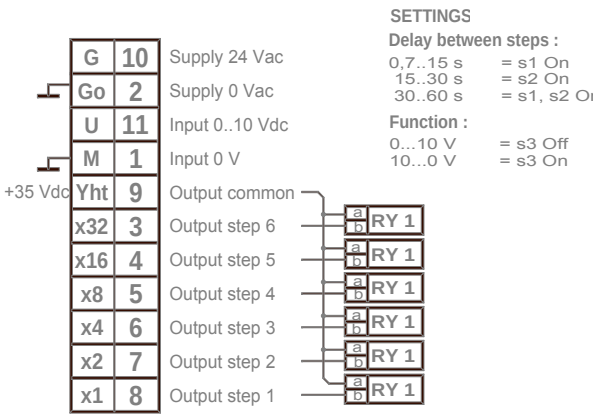
Delay between steps can be adjusted by jumpers S1 and S2 inside the device and by the ΔT trimmer on the front panel. Direct (0…10V) or reverse (10…0V) function can be set inside the device by S3.



Technical data:

Supply	24 Vac, 3 VA
Input	0…10Vdc, < 40µA
Output for controlling RY 1 relays	35 Vdc/100 mA
Delay between steps	0,7...60 s See settings
Dimensions (w x h x d)	35 x 79 x 95 mm

Wiring and settings:



Ordering guide:

Model	Product number	Description
BAK 64	1140010	step controller
RY 1	1183020	relay

Products fullfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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