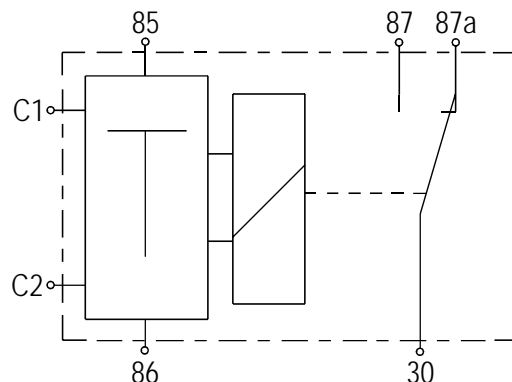
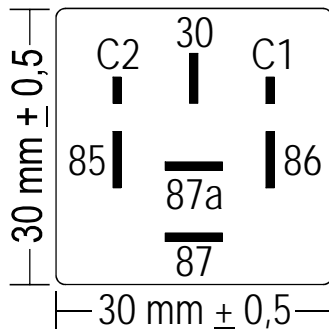
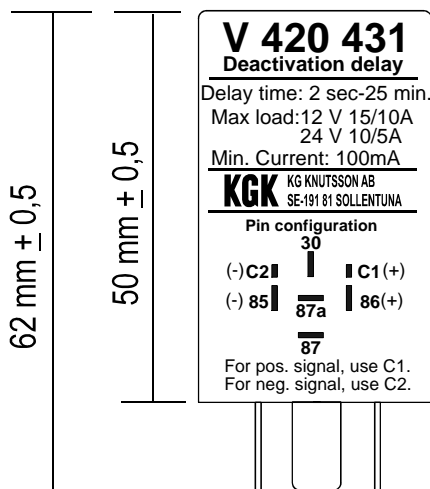


# (GB) Specification for V 420 431 (GB)

## Time relay 12/24V, deactivation delay 2 sec.- 25 min.



### Functional description

The operating contacts (30, 87 and 87a) are electrical separated from the electronics and have a switching function. A non activated relay have connection between 30 and 87a, when it is activated, it will get a connection between 30 and 87. The relays voltage supply should be connected as follows: plus (12 or 24V) to Pin 86 and 85 to ground.

The voltage supply can't be disconnected until the delay function have been finished, otherwise the relay will break the connection between 30 and 87 immediately.

To activate the delay function of the relay, the trigger signal should be connected to pin C1 or pin C2.

-If there is a positive trigger signal, connect to pin C1.

-If there is a negative trigger signal, connect to pin C2.

The relay is activated as soon it got a trigger signal on C1 or C2.

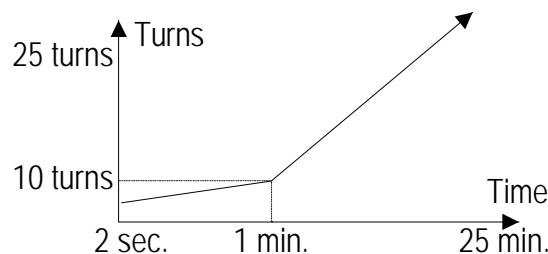
When the trigger signal is cut off to C1/C2, the time

delay function will be activated and the countdown function starts, the relay will

break the contact between pin 30 and 87 after the adjusted time.

**The delay time must be adjusted before the house is mounted.** Clockwise: delay time increase

The potentiometers character are shown on the diagram to the right. Counter clockwise: delay time decrease



### Technical specification

Nominal voltage:	12/24 V
Operating voltage:	10-30 V
Delay time:	2 sec. to 25 minutes
Repeating precision:	± 5%
Pin connectors:	5 pcs. 6,3 x 0,8 mm 2 pcs. 2,8 x 0,8 mm
IP-class:	52
Max load:	12V 15/10A (Resistiv load) 24V 10/5A (Resistiv load)
Min load:	100 mA
Surrounding work temp:	-40 +70°C
Storage temp:	-50 +85°C
Mechanical lifetime:	10 x 10 <sup>6</sup>
Current consumption:	
Non activated	12V 8 mA / 24V 12 mA
Activated	12V 50 mA / 24V 50 mA

### Order No. V 420 431

#### Accessories

Description	Order No.
Relay socket	GH 17886
Mounting device	GH 14001
Terminals 2,8/4,8 x 0,8 0,75-1,5 mm <sup>2</sup>	GH 46860.100
Terminals 4,8/6,3 x 0,8 0,50-1,0 mm <sup>2</sup>	GH 46851.100
Terminals 4,8/6,3 x 0,8 1,50-2,5 mm <sup>2</sup>	GH 46852.100

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