

## Relay board RP6A24H for SMARTCON control

### 1 General

- The additional relay board RP6A24H extends the SMARTCON control unit with 6 output relays and an isolated 24V supply output.
- The additional relay board RP6A24H is a hardware option and should be ordered in combination with the SMARTCON control unit.
- A later installation is possible.
- The additional relay board RP6A24H is mounted below the logic board of the SMARTCON control unit.

### 2 Relay configuration

The relays are arranged in two groups. Relay R1 is a separate changeover contact, the other five relays R2 ... R6 have the same common.

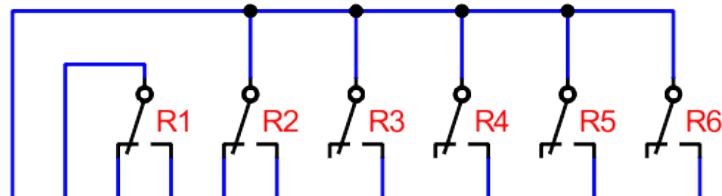


Figure 1: Relay configuration

### 3 Auxiliary supply output

Additional there is an isolated 24V supply output on the relay board RP6A24H. This output is internally fed from the SMARTCON control unit.

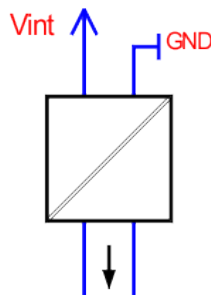


Figure 2: Auxiliary supply output

### 4 Technical data

Relays:  
Max. switching voltage: ..... 230V AC/DC  
Max. switching current: ..... 2A resistive  
Auxiliary supply output:  
Nominal voltage: ..... 24V +/-10%  
Max. load current: ..... 80mA  
Max. load capacity: ..... 100uF