

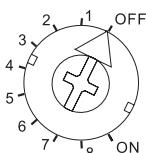
Universal impulse switches for central control ES12Z-100/110/200-8..230V UC



4872

Local universal control voltage 8 to 230V UC. In addition control inputs 8 to 230V UC central ON and central OFF, from the local input electrically isolated. Supply voltage like the local control voltage. Very low switching noise. Bistable relay as make contact. Glow lamp current starting at 110V control voltage up to 150mA in positions 1 to 3 and 5 to 7 of the rotary switch, independent from the ignition voltage of the glow lamps. Maximum current over both contacts 20A for 230V (ES12Z-200-8..230V UC only).

Function rotary switch



Several priorities can be set with a rotary switch on the front to define which control inputs are blocked as long as others are excited permanently. Furthermore, here it will be decided if the switch position should be kept or not after a power failure:

In positions 1 to 4 of the rotary switch the switch position will be kept unchanged, in positions 5 to 8 it will be switched off. If central commands are activated they will be realised hereafter.

Position OFF = Position for permanent OFF.

Positions 1 and 5 = No priority. Also if central control inputs are excited permanently, operation by local pushbutton can be realised. The last central command will be carried out.

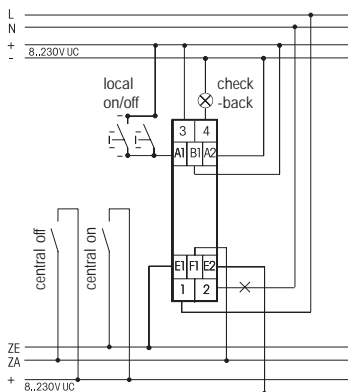
Positions 2 and 6 = Priority for central ON and OFF. Local pressing of the pushbutton is ineffective. However, central OFF has priority over central ON.

Positions 3 and 7 = Priority for central ON and OFF. Local pressing of the pushbutton is ineffective. However, central ON has priority over central OFF.

Positions 4 and 8 = Priority for permanently excited local push button. Central commands will not be carried out. In these positions a glow lamp current is not permitted.

Position ON = Position for permanent ON.

Typical connection



Technical data

Control voltage	8..230V UC
Rated switching capacity	16 A/250V AC
Incandescent lamp load 230V ¹⁾	1p. 2000W, 2p. 1600W
Halogen lamp load 230V ¹⁾	1p. 2000W, 2p. 1600W
Fluorescent lamp load (KVG) in lead-lag circuit	1000 VA
Fluorescent lamp load (KVG) non compensated or serial compensated	1000 VA
Fluorescent lamps (EVG)	500 VA
Compact fluorescent lamp (EVG)	1 on ≤ 70A/10 ms ²⁾

¹⁾ For lamps with 200W max.

²⁾ For electronic ballast gears a 40fold inrush current has to be calculated.

Bistable relays as make contacts. The switched consumer shall not be connected to the mains before the automatic synchronisation of approx. 2 sec after installation has terminated.

Important reminder!

This electrical equipment may only be installed by skilled electricians otherwise fire hazard or danger of electric shock exists!