

Multifunction impulse switch

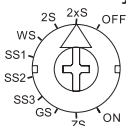
ES12M-8..230V UC



4875

Universal control voltage 8..230V UC. Stand-by loss only 0,1 Watt. Supply voltage like control voltage. Contact position indication with two LEDs. Very low switching noise. Bistable relays as make contacts. In case of a power failure the system is disconnected in a defined mode. From 110V control voltage and in switching positions 2S, WS, SS and GS glow lamp current up to 50mA.

Function rotary switch



OFF = Permanent OFF

2xS = 2fold impulse switch with 1 NO contact each, control inputs A1 and A3

2S = Impulse switch with 2 NO contacts

WS = Impulse switch with 1 NO contact and 1 NC contact

SS1 = Impulse multi circuit switch 1 + 1 NO contact for switching sequence 0-1-2-1+2

SS2 = Impulse multi circuit switch 1 + 1 NO contact for switching sequence 0-1-1+2-2

SS3 = Impulse multi circuit switch 1 + 1 NO contact for switching sequence 0-1-1+2

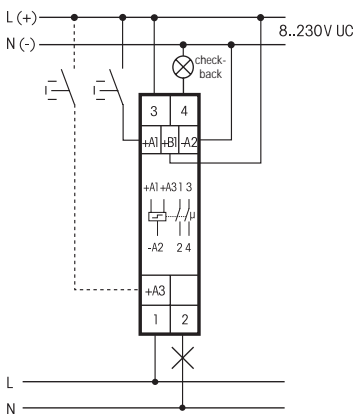
GS = Impulse group switch 1 + 1 NO contact for switching sequence 0-1-0-2

ZS = Impulse multi circuit switch with 2 NO contacts and with control inputs for central control ON (A1) and OFF (A3)

ON = Permanent ON

The control inputs A1 and A3 have the same functions except for 2xS and ZS.

Typical connection



Technical Data

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