

Impulse group switch for central control, EGS61Z-230V CE

1 + 1 NO contacts not potential free
 10A/250V AC, for one 230V AC motor.
 Standby loss 0.4 watt only.

For installation and surface mounting.
 45mm long, 55mm wide, **32mm deep**.

This impulse group switch serves to implement commands generated by the sensor relays or by switches and push-buttons and controls a 230V motor for a shading element or a roller shutter.

230V control voltage, supply voltage and switching voltage.

By using bistable relays coil power loss and heating is avoided even in the on mode.

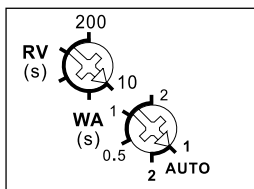
The switched consumer may not be connected to the mains before the short automatic synchronisation after installation has terminated.

By push-button at A1 impulse control is used to obtain 'UP-Stop-DOWN-Stop'. Additional control inputs A7 and A8 can be used for central control UP or DOWN with priority.

A1, A7 and A8 need the same potential as L.

With priority because these control inputs cannot be overridden by other control inputs **as long as** the central control contact is closed. 'UP' or 'DOWN' is activated by a control signal. A further control signal (< 700ms) at this control input interrupts this process immediately, a further control signal (> 700ms) continues the process.

Function rotary switches



The time delay (delay time RV) is set by means of the rotary switch **RV**. If the group impulse switch is in the 'UP' or 'DOWN' position the selected delay time runs (elapses); at time-out the device changes automatically to 'STOP'. Therefore, the time delay must be chosen at least as long as the shading element or roller shutter will need to move from one limit position to the other.

With the rotary switch **WA** automatic reversal

is controlled: in the setting from 0.5 to 2 sec. reversal time the automatic reversal is activated. In this case, it is only for 'DOWN' that the direction is reversed on time-out of the time lag selected by means of the top rotary switch RV, e.g. to extend awnings or set Venetian blinds to a defined position.

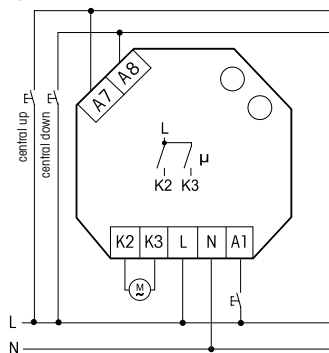
AUTO 1: No automatic reversal and no local advanced automatic reversing system.

A7 and A8 operation < 1s → static process (contact closes only during operation)

operation > 1s → dynamic process (contact remains closed), stop command by new operation.

AUTO 2: Automatic reversal with 1s reversal time. Additionally the local advanced automatic reversing system for Venetian blinds at A1 is active: a double impulse activates a slow rotation in the opposite direction, which can be stopped with a further impulse.

Typical connection



Technical data

Control voltage	230V
Rated switching capacity	10A/250V AC
Inductive load	650W
$\cos \varphi = 0.6/230V AC$	
Max./min. temperature at mounting location	+50°C/-20°C
Control current A1, resp. A7-A8 at 230V ±20%	0.7 mA
Standby loss (active power) at 230V	0.4 W

Warning!

Only a trained electrician may install this equipment, otherwise there is a risk of fire or electric shock.