










THE SILENT REVOLUTION

Without attracting particular attention by switching noise, the importance of electronic impulse switches with all their variants compared to conventional mechanical versions is growing steadily. They offer a highly reduced switching noise and further attractive

advantages, such as multifunction, central control, zero passage switching for AC voltage, minimized control power demand and universal control voltage.

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	pictograms	ES12DX-UC	ES12-200-UC	ES12-110-UC	ESR12NP-230V+UC	ESR12DDX-UC	ES12Z-200-UC	ES12Z-110-UC	ESR12Z-4DX-UC	ES61-UC	ES75-12..24V UC	ESR61NP-230V+UC	ESR61M-UC	ESR61SSR-230V
Modular device for mounting on DIN rail EN 60715 TH35, number of modules 18 mm each	1	1	1	1	1	1	1	2						
Built-in device for installation (e.g. flush-mounting box)									■	■	■	■	■	
Number NO contacts (not potential free)	1	2	1	(1)	1+1 ³⁾ 2 ³⁾	2	1	4x1	1	(1)	(1)	1+1 ³⁾ 2 ³⁾	(1)	
Number NC contacts potential free			1		1-2 ³⁾		1					1-2 ³⁾		
Zero passage switching		■ ¹⁰⁾		■				■ ¹⁰⁾			■		■	
Switching capacity 16 A/250 V AC	■	■	■	■	■	■	■	■						
Switching capacity 10 A/250 V AC									■	■	■	■		
Incandescent lamp load W	2000	2000	2000	3600	2000	2000	2000	2000	2000	500	2000	2000	400	
Bistable relay(s) as relay contact(s)		■ ⁸⁾	■ ⁸⁾	■ ⁸⁾		■ ⁹⁾	■ ⁹⁾	■ ⁹⁾	■ ⁹⁾	■ ⁸⁾		■ ⁹⁾	■ ⁸⁾	
Universal control voltage		■	■	■	■	■	■	■	■	■	■	■	■	
Additional control voltage 230 V	■ ⁵⁾	■ ⁵⁾	■ ⁵⁾	■ ⁶⁾					■ ⁵⁾		■ ⁶⁾		■	
Control voltage 12 to 24 V UC										■				
Supply voltage same as control voltage					■	■	■	■					■	
Supply voltage 230 V				■ ⁶⁾						■	■ ⁶⁾		■	
No standby loss		■ ¹⁰⁾	■	■					■			■		
Low standby loss					■	■ ¹⁰⁾	■	■	■ ¹⁰⁾		■	■	■	
Glow lamp current (mA) at the control input 230 V		5 ¹⁾⁷⁾	5 ¹⁾⁷⁾	5 ¹⁾⁷⁾	150 ²⁾				5 ¹⁾⁷⁾		50 ²⁾⁷⁾			
Glow lamp current (mA) at the control input for universal voltage					5 ¹⁾	50 ¹⁾⁴⁾	50 ¹⁾⁴⁾							
Off delay, switch-off early warning function and permanent light by pushbutton can be switched on				■							■		■	
Multi circuit switch						■ ³⁾							■ ³⁾	
Group switch						■ ³⁾							■ ³⁾	
Central control electrically isolated from the local control							■	■	■					

¹⁾ Applies to glow lamps with 170 V ignition voltage, for glow lamps with 90 V ignition voltage approx. 1/2 glow lamp current. ²⁾ Glow lamp current independent from the ignition voltage. ³⁾ Depends on the set function. ⁴⁾ Will automatically be switched on starting at 110 V control voltage. ⁵⁾ Control with 230 V or low-voltage possible. ⁶⁾ If the control voltage is 230 V, but the phase conductor is different than the 230 V supply voltage, the universal voltage control input must be used due to the potential disconnection. ⁷⁾ At the control input . ⁸⁾ The relay contact can be open or closed when putting into operation. It will be synchronised at first operation. ⁹⁾ The switched consumer may not be connected to the mains before the short automatic synchronisation after installation has terminated. ¹⁰⁾ Patented Duplex technology: When switched with 230 V/50 Hz zero passage switching is activated if L is connected to (L) and N to (N). Then additional standby loss of only 0.1 watt.