


Switching and control professionals

Professional hybrid relays combine the advantages of nonwearing electronic control with high switching capacity of special relays. In addition we partially used bistable relays. Thus preventing coil power loss even in the on mode. This increases energy efficiency and reduces heating in the switch cabinet.

Page		C1	C1	C1	C2	C3	C4	C4	C4	C5	C5	C6	C6	C7	C7	C8
	pictograms	ER12-100-8..230V UC	ER12-200-8..230V UC	ER12-110-8..230V UC	ESR12NP-8..230V UC	ESR12M-8..230V UC	ER12-001-230V	ER12-002-230V	ER12-001-8..230V UC	ER12-002-8..230V UC	KR09-12V UC, 24V UC, 230V	ER61-8..230V UC	ESR61NP-8..230V UC	ER61-230V	ESR61M-8..230V UC	ETR61NP-230V
Modular device for mounting on DIN rail EN 50022, number of modules 18 mm each		1	1	1	1	1	1	1	1	1	½					
Built-in device for installation (e.g. flush-mounting box) and surface mounting												■	■	■	■	■
Number NO contacts or changeover contact (W) potential free (not potential free)		1	2	1	(1)	1+1 ²⁾ 2 ²⁾	1W	2W	1W	2W	1	1W	(1)	1W	1+1 ²⁾ 2 ²⁾	(1)
Number NC contacts potential free				1		1-2 ²⁾		1							1-2 ²⁾	
Zero passage switching					■								■			
Switching capacity 16A/250V AC		■	■	■	■	■	■		■	■				■		
Switching capacity 10A/250V AC								■			6A	■	■		■	■
Incandescent lamp load W		2000	2000	2000	3600	2000	3600	2000	2000	2000	500	2000	2000	3600	2000	2000
Bistable relay(s) as relay contact(s)		■ ⁵⁾	■ ⁵⁾	■ ⁵⁾		■ ⁶⁾			■ ⁵⁾	■ ⁵⁾		■ ⁵⁾	■ ⁶⁾		■ ⁵⁾	
Switchable between the functions for impulse switches and switching relays					■	■							■		■	
Universal control voltage		■	■	■	■	■			■	■		■	■		■	
Additional control voltage 230 V					■								■			
Supply voltage same as control voltage						■										
Supply voltage 230 V					■ ³⁾								■			
No standby loss		■	■	■			■	■	■	■	■	■		■	■	
Low standby loss					■	■							■			■
Glow lamp current (mA) at the control input 230 V					150 ¹⁾								50 ¹⁾⁴⁾			

¹⁾ Glow lamp current independent from the ignition voltage. ²⁾ Depends on the set function. ³⁾ If the control voltage is 230 V, but the phase conductor is different from the 230 V supply voltage, the universal voltage control input must be used. ⁴⁾ At the control input . ⁵⁾ The relay contact can be open or closed when putting into operation. It will be synchronised at first operation. ⁶⁾ The switched consumer may not be connected to the mains before the automatic synchronisation after installation has terminated.