














K16 PRODUCTS FOR COMMERCIAL AND RESIDENTIAL APPLICATIONS


 <p>10 Series Light Dependent Relays for pole or wall mounting 12-16 A.</p>	 <p>11 Series Modular Light Dependent Relays 16 A.</p>	 <p>12 Series Time Switches 16 A.</p>	 <p>13 Series Electronic Step Relays and Dimmer</p>
 <p>14 Series Modular Electronic Staircase Timers 16 A</p>	 <p>18 Series PIR movement detector 10 A</p>	 <p>20 Series Modular Step Relays 16 A.</p>	 <p>22 Series Modular Monostable Relays 20</p>
 <p>26 Series Step Relays - 10 A</p>		 <p>27 Series Step Relays - 10</p>	



Seria 55 – relee miniatura

Seria 56 – relee miniatura de putere

Seria	55	
		
	Plugin or PC.B. mount. Lockable test button and mechanical flag indicator as standard	
Dimensions (mm)	20.7x27.5x35	
Contact configuration	2 CO	3 CO
Rated current (A)	10	7
Nominal voltage (V)	250	
Max voltage (V)	400	250
Rated load AC1 (VA)	2500	1750
Standard contact material	AgNi	
Nominal voltage (VAC 50/60Hz)	6 ÷ 240	
Nominal voltage (VDC)	6 ÷ 220	
Rated power AC VA (50 Hz)	1.5	
Rated power DC W	1	
Insulation between coil and contacts (1.2/50µs) (kV)	3.6	
Dielectric strength: open contacts (V AC)	1000	
Mechanical life AC/DC (cycles)	20·10 ⁵ /50·10 ⁶	
Electrical life at rated load in AC1 (cycles)	200·10 ³	150·10 ³
Ambient temperature range (°C)	-40/+85	
Approvals: (according to type)	CE ABS CSA DEMKO FIMKO GOST IMQ LLOYDS REGISTER LCIE NEMKO RINA SEMKO cULus VDE	
Unit weight (g)	36	
Boxed quantity (units)	10	
Sockets	94 Series	
Accessories	99 Series - Types 86.30	


Seria	56	
		
	Plugin or PC.B. mount. Plugin or PC.B. Lockable test button and mechanical flag indicator as standard. Variant with 2 NO (DPST) contacts available.	
Dimensions (mm)	20.7x27.7x37.7	41x27.8x37.7
Contact configuration	2 CO	2 NO
Rated current (A)	12	
Nominal voltage (V)	250	
Max voltage (V)	400	
Rated load AC1 (VA)	3000	
Standard contact material	AgNi	
Nominal voltage (VAC 50/60Hz)	6 ÷ 240	6 ÷ 400
Nominal voltage (VDC)	6 ÷ 220	-
Rated power AC VA (50 Hz)	1.5	2
Rated power DC W	1	1.3
Insulation between coil and contacts (1.2/50µs) (kV)	4	
Dielectric strength: open contacts (V AC)	1000	
Mechanical life AC/DC (cycles)	20·10 ⁵ /50·10 ⁶	
Electrical life at rated load in AC1 (cycles)	200·10 ³	150·10 ³
Ambient temperature range (°C)	-40/+70	
Approvals: (according to type)	CE CSA GOST IMQ cULus LCIE VDE	
Unit weight (g)	38	68
Boxed quantity (units)	10	
Sockets	96 Series	
Accessories	99 Series	


RELEE ELECTROMAGNETICE SI ELECTRONICE RELAYS, INTERFACE MODULES, TIMERS, SOCKETS & ACC.



Seria 60 - relee intermediare

Seria 38 - relee de interfata


Serie	60			
				
	Test button and mechanical flag indicator as standard. Bifurcated contact option.			
Dimensions (mm)	32.5x36.4x54.2			
Contact configuration	2 CO		3 CO	
Rated current (A)	10	6	10	6
Nominal voltage (V)	250			
Max voltage (V)	400			
Rated load AC1 (VA)	2500	1500	2500	1500
Standard contact material	AgNi			
Nominal voltage (VAC 50/60Hz)	6 ÷ 400			
Nominal voltage (VDC)	6 ÷ 220			
Rated power AC VA (50 Hz)	2.2			
Rated power DC W	1.3			
Insulation between coil and contacts(1.2/50µs) (kV)	3.6			
Dielectric strength: open contacts (V AC)	1000			
Mechanical life AC/DC (cycles)	20·10 ⁶ /50·10 ⁶			
Electrical life at rated load in AC1 (cycles)	200·10 ³	250·10 ³	200·10 ³	250·10 ³
Ambient temperature range (°C)	-40/+70			
Approvals: (according to type)	CE CSA GOST IMQ LLOYDS REGISTER RINA VDE cULus			
Unit weight (g)	87			
Boxed quantity (units)	10			
Sockets	90 Series			
Accessories	99 Series - Types 86.00/30			


Serie	38					
						
	For PLC systems with electromechanical or solid state relay. LED and coil protection modules. Instant removal of relay using plasticretaining clip.					
Dimensions (mm)	87.3x6.2x75.6			88.4x14x75		
Contact configuration	1 CO	1 NO		2 CO		
Rated current (A)	6	0.1	2		8	
Nominal voltage (V)	250	48	24	240	24	240
Max voltage (V)	400	-		400		
Rated load AC1 (VA)	1500	-		2000		
Standard contact material	AgNi	-		AgNi		
Nominal voltage (VAC 50/60Hz)	12 ÷ 240	110 ÷ 240		12 ÷ 240		
Nominal voltage (VDC)	6 ÷ 240	6 ÷ 60		12 ÷ 240		
Rated power AC VA (50 Hz)	0.2 / 0.9					
Rated power DC W	0.2 / 0.4	0.2 / 0.9		0.5		
Insulation between coil and contacts(1.2/50µs) (kV)	6(8 mm)	2500V AC		6(8 mm)		
Dielectric strength: open contacts (V AC)	1000	-		1000		
Mechanical life AC/DC (cycles)	-/10·10 ⁶	-		-/30·10 ⁶		
Electrical life at rated load in AC1 (cycles)	60·10 ³	-		80·10 ³		
Ambient temperature range (°C)	-40/+55	-20/+55		-40/+70		
Approvals: (according to type)	CE UL					
Unit weight (g)	31			62		
Boxed quantity (units)	10					



Seria 10 - releu crepuscular montaj pe stalp

Seria 11 - releu crepuscular cu celula separata

Serie	10	
		
	1 or 2 NO contacts, IP 54 protection.	
Dimensions (mm)	58.7x108.3x40	80.5x118.5
Contact configuration	1 NO	2 NO
Rated current (A)	12	16
Nominal voltage (V)	230	
Rated load AC1 (VA)	2800	3700
Standard contact material	AgSnO ₂	
Nominal rate lamps: Incandescence (230V) W	1200.0	2000.0
Compensated fluorescent (230V) W	420.0	750.0
Nominal voltage (VAC 50/60Hz)	230	
Rated power AC VA (50 Hz)	2	2.5
Threshold setting (lx)	1/80(switching ON)/2/150(switching OFF)	
Electrical life at rated load in AC1 (cycles)	100·10 ³	
Operating time: switching ON/OFF	15/25	6/25
Ambient temperature range (°C)	-30/+70	
Approvals: (according to type)	CE GOST IMQ	
Unit weight (g)	226	354
Boxed quantity (units)	1	


Serie	11	
		
	(IP 54).	
Dimensions (mm)	86.9x35x58.4	
Contact configuration	1 CO	
Rated current (A)	16	
Nominal voltage (V)	250	
Max voltage (V)	400	
Rated load AC1 (VA)	4000	
Standard contact material	AgSnO ₂	
Nominal rate lamps: Incandescence (230V) W	2000.0	
Compensated fluorescent (230V) W	750.0	550.0
Nominal voltage (VAC 50/60Hz)	12÷240	
Nominal voltage (VDC)	12 - 24	
Rated power AC VA (50 Hz)	2	1.3
Rated power DC W	0.8	
Threshold setting (lx)	1/30(low range)/20/1000(high range)	1/100(switching ON)/2/150(switching OFF)
Electrical life at rated load in AC1 (cycles)	100·10 ³	
Operating time: switching ON/OFF	15/25	
Ambient temperature range (°C)	-20/+50	-20/+60
Approvals: (according to type)	CE GOST IMQ	
Unit weight (g)	250	
Boxed quantity (units)	1	


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Seria 20 - releu pas cu pas

Seria 18 - detector de miscare

Serie	20
	
	35mm Rail mount. 6 functions available.
Dimensions (mm)	84x17.4x63.4
Contact configuration	1 pole 2 pole
Rated current (A)	16
Nominal voltage (V)	250
Max voltage (V)	400
Rated load AC1 (VA)	4000
Standard contact material	AgNi
Nominal rate lamps: Incandescence (230V) W	2000.0
Compensated fluorescent (230V) W	750.0
Nominal voltage (VAC 50/60Hz)	8 ÷ 230
Nominal voltage (VDC)	12 ÷ 110
Rated power AC VA (50 Hz)	6.5
Rated power DC W	5
Mechanical life AC/DC (cycles)	300 · 10 ³
Electrical life at rated load in AC1 (cycles)	100 · 10 ³
Max impulse duration	1h
Ambient temperature range (°C)	-40/+40
Approvals: (according to type)	CE GOST LLOYDS REGISTER IMQ RINA LC E cULus
Unit weight (g)	120
Boxed quantity (units)	1
Accessories	Module for illuminated push-buttons

Serie	18
	
	PIR movement detector, with adjustable ambient light intervention threshold and output on-pulse time.
Dimensions (mm)	94.5x49x69 75.1x50.5 80x40.7
Contact configuration	1 NO
Rated current (A)	10
Nominal voltage (V)	230
Max voltage (V)	230
Rated load AC1 (VA)	2300
Standard contact material	AgSnO ₂
Nominal rate lamps: Incandescence (230V) W	1000.0
Compensated fluorescent (230V) W	350.0
Nominal voltage (VAC 50/60Hz)	230
Rated power AC VA (50 Hz)	2.5
Threshold setting (lx)	5/350
Specified time range	10s/12min
Electrical life at rated load in AC1 (cycles)	100 · 10 ³
Protection category	IP40 IP54 IP40
Ambient temperature range (°C)	-10/+50 -30/+50 -10/+50
Approvals: (according to type)	CE
Unit weight (g)	120
Boxed quantity (units)	1

Type	Number of steps	Sequence
20.21	2	
20.22	2	
20.23	2	

Type	Number of steps	Sequence
20.24	4	
20.25	3	
20.26	4	