

Relays for automatic control of lighting according to the ambient light level

Integral light sensor

For pole or wall mounting

10.32 - 2 NO 16 A output contacts

10.41 - 1 NO 16 A output contact

- Double pole Live and Neutral switching possible with the 10.32
- Sensitivity adjustment from 1 to 80 lux
- Cadmium free contact material
- Cadmium free light sensor (IC photo diode)
- Electronic circuit - transformer isolated
- Italian Patent "light feedback compensation" innovative principle
Compatible with slow starting gas discharge lamps (up to 10 minutes)
- For the first 3 working cycles the delay time (On and Off) is reduced to zero in order to aid installation
- Available for supply 230 and 120 V AC (50/60 Hz)

10.32



- Double pole switching - 2 NO 16 A for Live and Neutral switching

10.41



- Single pole switching - 1 NO 16 A for Live switching

For outline drawing see page 8

Contact specification

		2 NO (DPST-NO)		1 NO (SPST-NO)	
Contact configuration					
Rated current/Maximum peak current	A	16/30 (120 A - 5 ms)		16/30 (120 A - 5 ms)	
Rated voltage/Maximum switching voltage	V AC	120/—	230/—	120/—	230/—
Rated load AC1	VA	1900	3700	1900	3700
Rated load AC15	VA	400	750	400	750
Rated current AC5a	A	—	5	—	5
Nominal lamp rating:					
230 V incandescent/halogen W		—	2300	—	2000
fluorescent tubes with electronic ballast W		600	1200	500	1000
fluorescent tubes with electromechanical ballast W		450	850	400	750
CFL W		250	500	200	400
230 V LED W		—	500	—	400
LV halogen or LED with electronic ballast W		250	500	200	400
LV halogen or LED with electromechanical ballast W		500	1000	400	800
Minimum switching load	mW (V/mA)	1000 (10/10)		1000 (10/10)	
Standard contact material		AgSnO ₂		AgSnO ₂	

Supply specification

Nominal voltage (U _N)	V AC (50/60 Hz)	120	230	120	230
	V DC	—		—	
Rated power AC/DC	VA (50 Hz)/W	2/—		2/—	
Operating range	AC (50 Hz)	(0.8...1.1)U _N		(0.8...1.1)U _N	
	DC	—		—	

Technical data

Electrical life at rated load in AC1	cycles	100 · 10 ³		100 · 10 ³	
Threshold setting	lx	1...80		1...80	
Preset threshold	lx	10		10	
Delay time: switching ON/OFF	s	15/30		15/30	
Ambient temperature range	°C	-30...+70		-30...+70	
Protection category		IP 54		IP 54	

Approvals (according to type)

