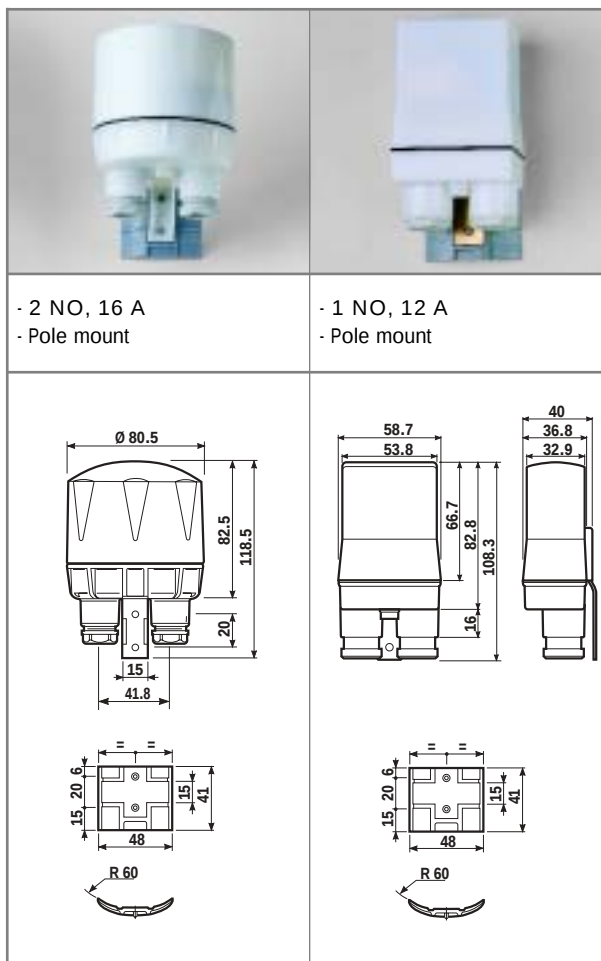


- A range of light dependent relays with 1 or 2 NO contacts
- Pole or flange mounting
- Double break (phase + neutral) type available (type 10.32)
- Sensitivity adjustment from 1 to 50 lux

10.32

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Contact specifications			
Contact configuration		2 NO	1 NO
Rated current/Max. peak current	A	16/30 (100 A · 5 ms)	12/25 (100 A · 5 ms)
Rated voltage/Max. switching voltage	V AC	230/—	230/—
Rated load in AC1	VA	3,700	2,800
Rated load in AC15 (230 VAC)	VA	700	600
Nominal lamp rating: incandescence (230V)	W	2,000	1,200
compensated fluorescent (230V)	W	750	420
uncompensated fluorescent (230V)	W	1,000	600
halogens (230V)	W	2,000	1,200
Minimum switching load	mW(V/mA)	1,000 (10/10)	1,000 (10/10)
Standard contact material		AgSnO ₂	AgSnO ₂
Supply specifications			
Nominal voltage	V AC (50/60Hz)	230	230
	V DC	—	—
Rated power AC/DC	VA (50Hz)/W	2.5/—	2/—
Operating range	AC (50Hz)	(0.85...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 (switching ON)	1...80 (switching ON)
	lx	2...150 (switching OFF)	2...150 (switching OFF)
Delay time: switching ON/OFF	s	6/25	15/25
Ambient temperature range	°C	–30...+70	–30...+70
Protection category		IP 54	IP 54
Approvals: (according to type)		CE GOST	CE GOST

ORDERING INFORMATION

Example: a 10 series light dependent relay with 1 NO - 12 A contact and screw terminal connections, with 230 V AC supply.

1 0 . 4 1 . 8 . 2 3 0 . 0 0 0 0

Series

Type

3 = Pole mount - 2 NO

4 = Pole mount - 1 NO

No. of poles

1 = Single phase switch 1 NO, 12 A

2 = Double phase switch 2 NO, 16 A

Supply voltage

230 = 230 V

Supply version

8 = AC (50/60 Hz)

TECHNICAL DATA

INSULATION

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DIELECTRIC STRENGTH - between open contacts	V AC	1,000	1,000
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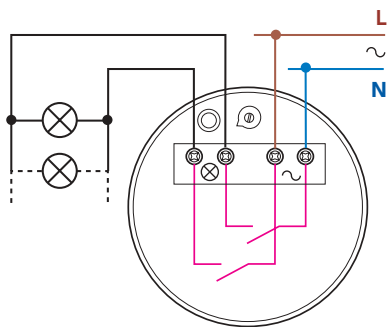
OTHER DATA

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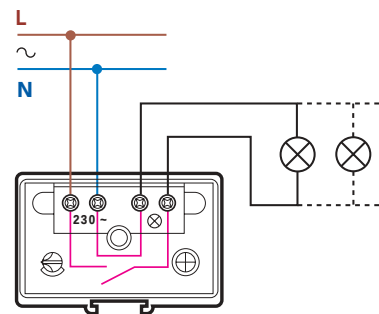
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CABLE GRIP	Ø mm	(8.9...13)		(8.9...13)	
PRESET THRESHOLD	lx	5 switch ON / 20 switch OFF		3 switch ON / 8 switch OFF	
MAX WIRE SIZE		solid cable	stranded cable	solid cable	stranded cable
	mm ²	1x6 / 2x4	1x6 / 2x2.5	1x6 / 2x4	1x6 / 2x2.5
	AWG	1x10 / 2x12	1x10 / 2x14	1x10 / 2x12	1x10 / 2x14
SCREW TORQUE	Nm	1.2		1.2	

WIRING DIAGRAMS



Type 10.32



Type 10.41