finder
RELAYING INNOVATION

Step relays

- Lighting control in corridors (for hotels, offices and hospitals)
- Bedroom light control
- Living room light control



26
SERIES

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1 or 2 Pole electromechanical step relay with electrically separate coil and contact circuits

- 7 versions, with differents switching sequences
- Box clamp connections
- AC coil
- Can be mounted behind blanking plates
- Cadmium free contact material

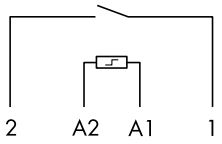
26.0x
Box clamp



NEW **26.01**



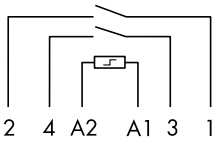
- Single phase switch 1 NO (SPST-NO)



NEW **26.02/04/05/06/08**



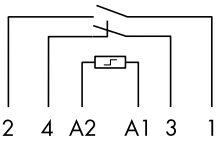
- Double phase switch 2 NO (DPST-NO)



NEW **26.03**



- 1 NO + 1 NC (SPST-NO + SPST-NC)



* The lamp rating may vary, depending on the number and type of lamps, consequently it is suggested to consider the inrush current and I^2t

For outline drawing see page 5

Contact specification				
Contact configuration		1 NO (SPST-NO)	2 NO (DPST-NO)	1 NO +1 NC (SPST-NO + SPST-NC)
Rated current	A	10	10	10
Inrush current/specific energy (I^2t)	A/A^2s	200/16	200/16	200/16
Rated voltage	V AC	250	250	250
Rated load AC1	VA	2500	2500	2500
Rated load AC15	VA	500	500	500
Nominal lamp rating: *				
Incandescent/halogen	W	1800	1800	1800
LED lamps	W	300	300	300
LED surface luminaires	W	600	600	600
LED strips	W	2000	2000	2000
LV halogen or LED with electronic drivers	W	1000	1000	1000
Minimum switching load	mW	500	500	500
Standard contact material		$AgSnO_2$	$AgSnO_2$	$AgSnO_2$
Coil specification				
Nominal voltage (U_N)	V AC (50/60 Hz)	12 - 24 - 48 - 110 - 230	12 - 24 - 48 - 110 - 230	12 - 24 - 48 - 110 - 230
	V DC	—	—	—
Rated power AC	VA (50 Hz)	4.8	4.8	4.8
Operating range	AC (50 Hz)/AC (60 Hz)	$(0.8…1.1)U_N$ / $(0.85…1.1)U_N$	$(0.8…1.1)U_N$ / $(0.85…1.1)U_N$	$(0.8…1.1)U_N$ / $(0.85…1.1)U_N$
	DC	—	—	—
Technical data				
Mechanical life AC/DC	cycles	$300 \cdot 10^3$	$300 \cdot 10^3$	$300 \cdot 10^3$
Electrical life at rated load in AC1	cycles	$100 \cdot 10^3$	$100 \cdot 10^3$	$100 \cdot 10^3$
Minimum/Maximum impulse duration		0.1 s/1 h (according to EN 60669)	0.1 s/1 h (according to EN 60669)	0.1 s/1 h (according to EN 60669)
Max no. of illuminated push-button (≤ 1 mA)		5	5	5
Insulation between coil and contacts (1.2/50 µs)	kV	—	—	—
Ambient temperature range	°C	–40…+40	–40…+40	–40…+40
Protection category		IP 20	IP 20	IP 20
Approvals (according to type)				

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Ordering information

Example: 26 series box clamp, double phase switch 2 NO (DPST-NO) 10 A contacts, coil rated 12 V AC.

2 6 . 0 2 . 8 . 0 1 2 . 4 . 0 . 0 . 0

Series

Type
0 = Box clamp

No. of poles
1 = Single phase switch 1 NO (SPST-NO)
2 = Double phase switch 2 NO (DPST-NO)
3 = Double phase switch 1 NO + 1 NC (SPST-NO + SPST-NC)
4 = 4 sequences double phase switch 2 NO (DPST-NO)
5 = 4 sequences double phase switch 2 NO (DPST-NO)
6 = 3 sequences double phase switch 2 NO (DPST-NO)
8 = 4 sequences double phase switch 2 NO (DPST-NO)

Contact material
4 = $AgSnO_2$

Coil voltage
See coil specifications

Coil version
8 = AC (50 Hz)

Technical data

Insulation					
Dielectric strength					
between supply and contacts	V AC	3000 (1 contact), 2000 (2 contacts)			
between open contacts	V AC	1000			
between adjacent contacts	V AC	2000			
Other data		**26.01/03/08**		**26.02/04/05/06**	
Power lost to the environment					
with rated current and coil de-energised	W	0.9		1.8	
Screw torque	Nm	0.5		0.5	
Max. wire size		solid cable	stranded cable	solid cable	stranded cable
	mm^2	1 x 2.5 / 2 x 1.5	1 x 2.5 / 2 x 1.5	1 x 2.5 / 2 x 1.5	1 x 2.5 / 2 x 1.5
	AWG	1 x 14 / 2 x 16	1 x 14 / 2 x 16	1 x 14 / 2 x 16	1 x 14 / 2 x 16

Coil specifications

AC version data 50 Hz

Nominal voltage U_N	Coil code	Operating range U_{min}	Operating range U_{max}	Resistance R	Consumption I at U_N (50 Hz)
V		V	V	Ω	mA
12	**8**.012	9.6	13.2	15	420
24	**8**.024	19.2	26.4	60	210
48	**8**.048	38.4	52.8	240	110
110	**8**.110	88	121	1400	42
230	**8**.230	184	253	6250	20

Type	Sequence/steps 1	2	3	4
26.01				
26.02				
26.03				
26.04				
26.05				
26.06				
26.08				

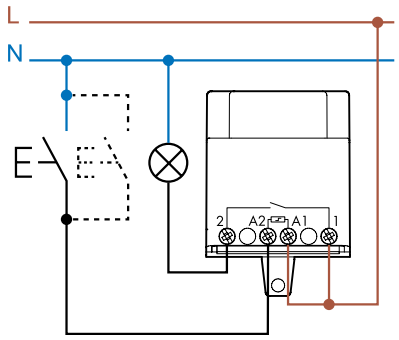
X-2026, www.findernet.com

Wiring diagrams

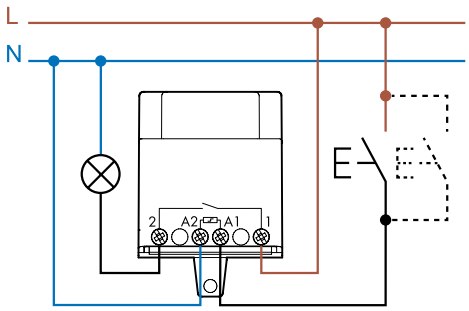
Type 26.01

Version with 1 NO output

3 wire connection



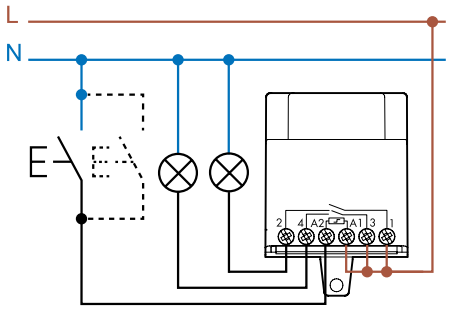
4 wire connection



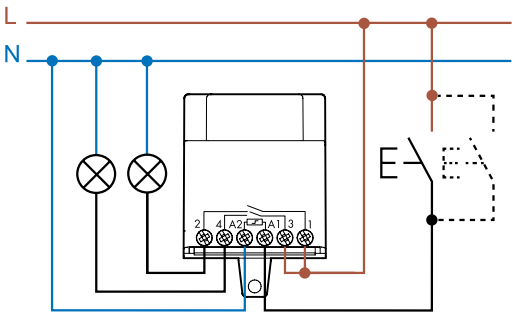
Type 26.0x

Version with 2 NO outputs

3 wire connection

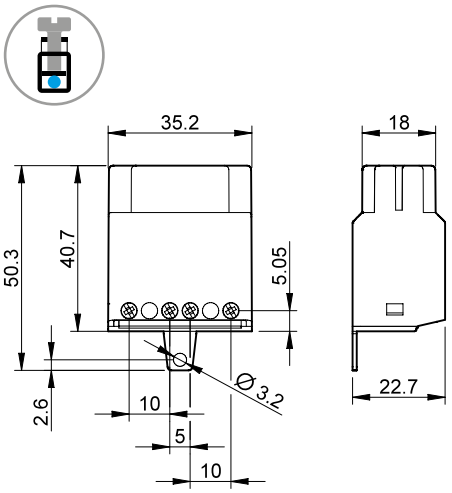


4 wire connection

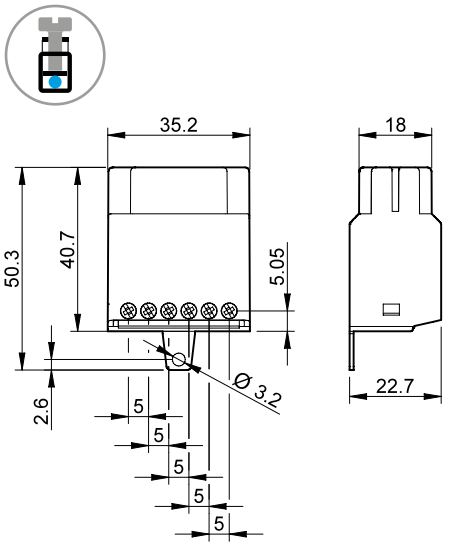


Outline drawing

Version with 1 NO output
Box clamp



Version with 2 NO outputs
Box clamp



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