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finder
SWITCH TO THE FUTURE

Step relays 10 A



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

26 SERIES

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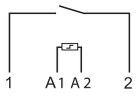
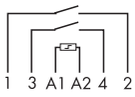
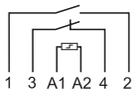
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1 or 2 Pole electromechanical step relay with electrically separate coil and contact circuits

- Choice of 6 switching sequences
- Screw terminal connections
- AC coil
- Panel mount
- Cadmium free contact material

26.01/02/04/06/08/03
Screw terminal



	26.01	26.02, 04, 06, 08	26.03
			
	• Single phase switch 1 NO (SPST-NO) • According to EN 60601-1 2 x MOPP	• Double phase switch 2 NO (DPST-NO) • According to EN 60601-1 2 x MOOP	• 1 NO + 1 NC (SPST-NO + SPST-NC) • According to EN 60601-1 2 x MOOP
	 1 A1 A2 2 26.01	 1 3 A1 A2 4 2 26.02 26.04 26.06 26.08	 1 3 A1 A2 4 2 26.03
For outline drawing see page 6			
Contact specification			
Number of contacts	1 NO (SPST-NO)	2 NO (DPST-NO)	1NO+1NC (SPST-NO+SPST-NC)
Rated current/Maximum peak current A	10/20	10/20	10/20
Rated voltage/ Maximum switching voltage V AC	250/400	250/400	250/400
Rated load AC1 VA	2500	2500	2500
Rated load AC15 (230 V AC) VA	500	500	500
Nominal lamp rating:			
230 V incandescent/halogen W	800	800	800
fluorescent tubes with electronic ballast W	400	400	400
fluorescent tubes with electromagnetic ballast W	360	360	360
CFL W	200	200	200
230 V LED W	200	200	200
LV halogen or LED with electronic ballast W	200	200	200
LV halogen or LED with electromagnetic ballast W	400	400	400
Minimum switching load mW (V/mA)	1000 (10/10)	1000 (10/10)	1000 (10/10)
Standard contact material	AgNi	AgNi	AgNi
Coil specification			
Nominal voltage (UN) V AC (50 Hz)	12 - 24 - 48 - 110 - 230	12 - 24 - 48 - 110 - 230	12 - 24 - 48 - 110 - 230
V DC	—	—	—
Rated power AC/DC VA (50 Hz)/W	4.5/—	4.5/—	4.5/—
Operating range AC (50 Hz)	$(0.8…1.1)U_N$	$(0.8…1.1)U_N$	$(0.8…1.1)U_N$
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)
Insulation between coil and contacts (1.2/50 µs) kV	4	4	4
Ambient temperature range °C	–40…+40	–40…+40	–40…+40
Protection category	IP 20	IP 20	IP 20
Approvals (according to type)	CE UK CA EAC		

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Ordering information

Example: 26 series screw terminal, panel mount relay, double phase switch 2 NO (DPST-NO) 10 A contacts, coil rated 12 V AC.

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

Series

Type
0 = Screw terminal

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)
6 = 3 sequences double phase switch 2 NO (DPST-NO)
8 = 4 sequences double phase switch 2 NO (DPST-NO)

Coil version
8 = AC (50 Hz)

Coil voltage
See coil specifications

Technical data

Insulation					
Dielectric strength					
between supply and contacts	V AC	4000			
between open contacts	V AC	2000			
between adjacent contacts	V AC	2000			
Other data		**26.01, 26.03, 26.08**		**26.02, 26.04, 26.06**	
Power lost to the environment					
with rated current and coil de-energised	W	0.9		1.8	
Screw torque	Nm	0.8		0.8	
Max. wire size		solid cable	stranded cable	solid cable	stranded cable
	mm²	1 x 4 / 2 x 2.5	1 x 2.5 / 2 x 2.5	1 x 4 / 2 x 2.5	1 x 2.5 / 2 x 2.5
	AWG	1 x 12 / 2 x 14	1 x 14 / 2 x 14	1 x 12 / 2 x 14	1 x 14 / 2 x 14

Coil specifications

AC version data

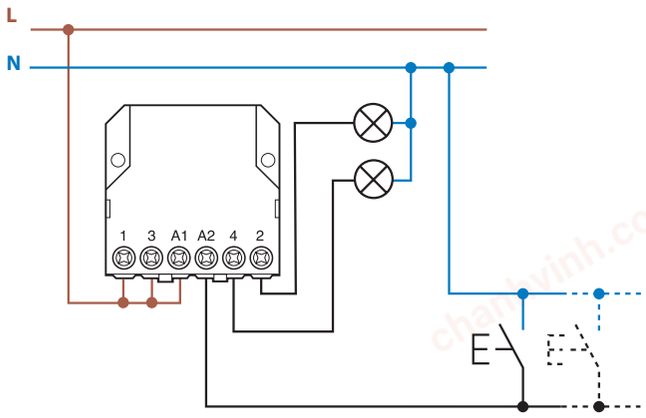
Nominal voltage U_N	Coil code	Operating range U_{min}	Operating range U_{max}	Resistance R	Consumption I at U_N (50 Hz)
V		V	V	Ω	mA
12	**8**.012	9.6	13.2	17	370
24	**8**.024	19.2	26.4	70	180
48	**8**.048	38.4	52.8	290	90
110	**8**.110	88	121	1500	40
230	**8**.230	184	253	6250	20

Type	Number of steps	Sequence 1	2	3	4
26.01	2				
26.02	2				
26.03	2				
26.04	4				
26.06	3				
26.08	4				

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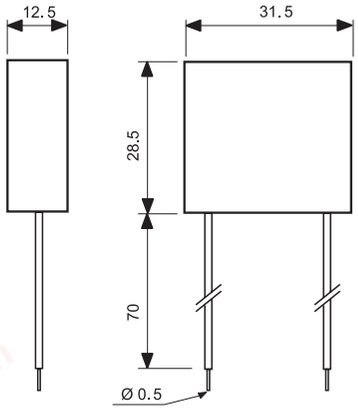
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Wiring diagrams

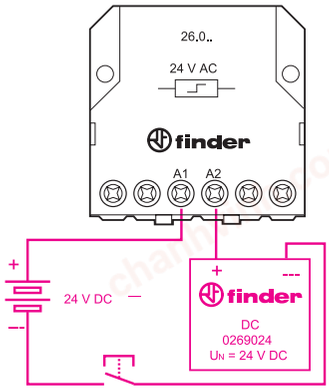


Accessories

for 12 and 24 V DC control applications

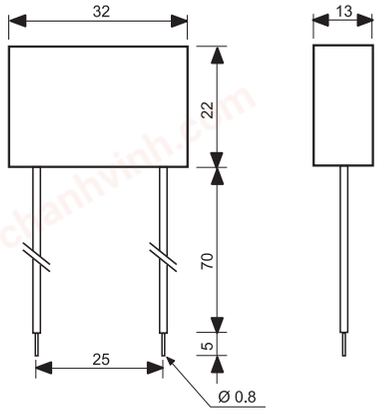


Type: 026.9.012
Nominal voltage: 12 V DC
Max temperature: +40 °C
Operating range: (0.9…1.1)U_N
Type: 026.9.024
Nominal voltage: 24 V DC
Max temperature: +40 °C
Operating range: (0.9…1.1)U_N

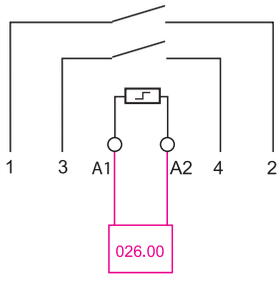


Example of wiring for 24 V DC control application.

Module for use with illuminated push buttons (230 V AC applications)



Type 026.00
Sealed construction, 7.5 cm insulated flexible wire termination.



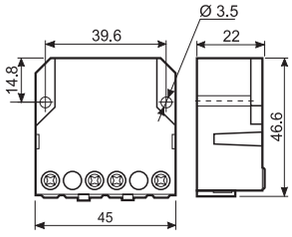
Example of wiring diagram of type 026.00
This module is necessary when using between 1 and a maximum of 15 illuminated push buttons in the coil circuit (Each 1 mA max, 230 V AC). It must be connected in parallel to the coil of the relay (see diagram).

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Outline drawings

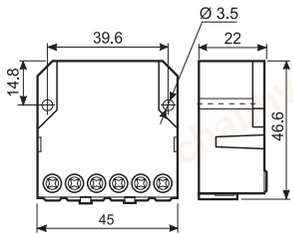
Type 26.01
Screw terminal





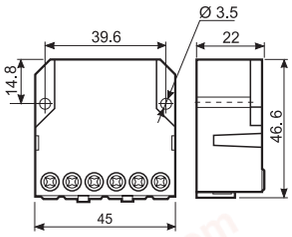
Types 26.02 / 04 / 06 / 08
Screw terminal





Type 26.03
Screw terminal





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