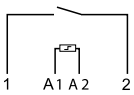
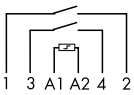
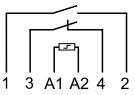
**1 or 2 Pole electromechanical step relay with electrically separate coil and contact circuits**

- 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) | • Double phase switch 2 NO (DPST-NO) | • 1 NO + 1 NC<br>• (SPST-NO + SPST-NC) |
| | <br>26.01 | <br>26.02<br>26.04<br>26.06<br>26.08 | <br>26.03 |

For outline drawing see page 4

| | | | | |
|---|---|---|---|---|
| **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 electromechanical 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 electromechanical 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) | | | | |

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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 | No. of poles | | Coil version | | Coil voltage | | | | | | |

**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 | 3500 | | | |
| 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 |
| | $mm^2$ | 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 | 1x12 / 2x14 | 1 x 14 / 2 x 14 | 1 x 12 / 2 x 14 | 1 x 14 / 2 x 14 |

## Coil specifications

**AC version data**

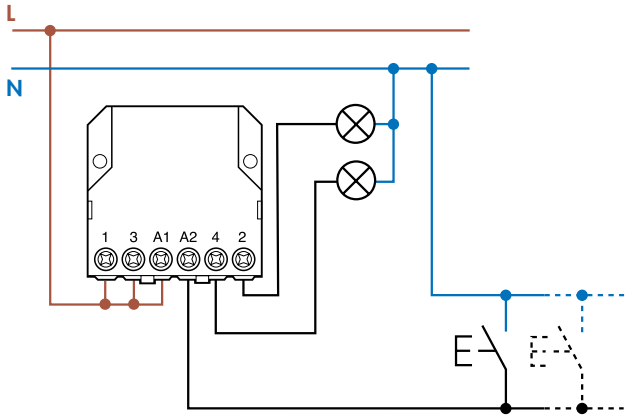
| Nominal voltage $U_N$ | Coil code | Operating range $U_{min}$ | Operating range $U_{max}$ | Resistance R | Consumption I at $U_N$ (50 Hz) |
|---|---|---|---|---|---|
| V | | V | V | Ω | mA |
| 12 | **8**.012 | 9.6 | 13.2 | 17 | 370 |
| 24 | **8**.024 | 19.2 | 26.4 | 70 | 180 |
| 48 | **8**.048 | 38.4 | 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 |  |  |  |  |



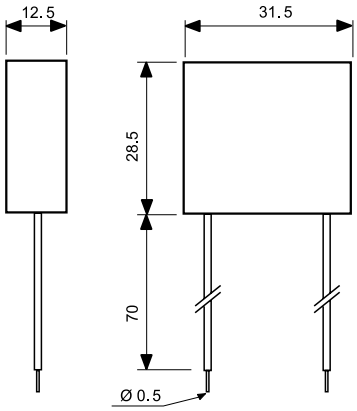
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## Wiring diagrams

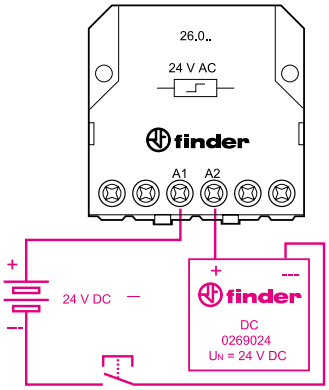



## Accessories

### for 12 and 24 V DC control applications

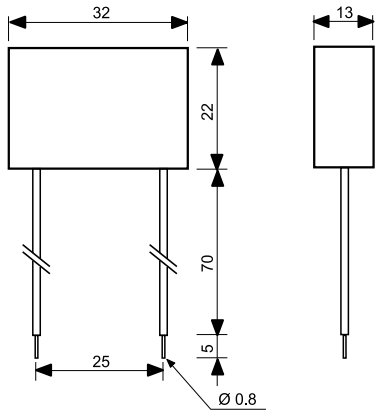



**Type: 026.9.012**
Nominal voltage: 12 V DC
Max temperature: +40 °C
Operating range: (0.9…1.1)$U_N$
**Type: 026.9.024**
Nominal voltage: 24 V DC
Max temperature: +40 °C
Operating range: (0.9…1.1)$U_N$

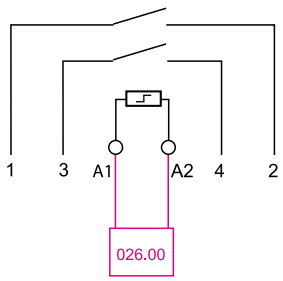



**Example of wiring for 24 V DC control application.**

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




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

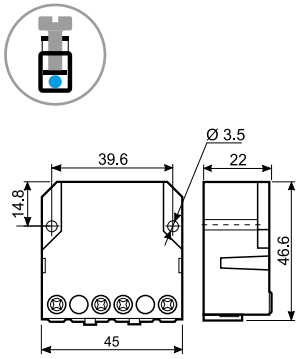



**Example of wiring diagram of type 026.00**
This module is necessary when using between 1 and a maximum of 15 illuminated push buttons in the coil circuit (Each 1 mA max, 230 V AC). It must be connected in parallel to the coil of the relay (see diagram).

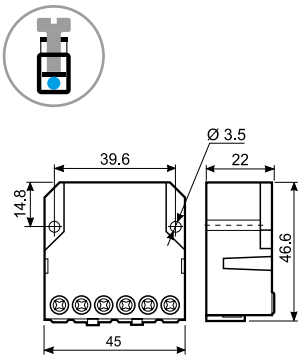
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## Outline drawings

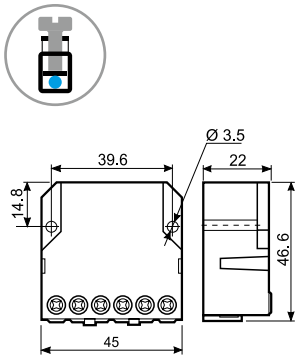
26.01
Screw terminal




26.02 / 04 / 06 / 08
Screw terminal




26.03
Screw terminal




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41.31.8.230.0000 80.21.0.240.0000 406290240000 RB1492500000 99.02.8.230.07 39.61.0.060.0060
40.52.9.110.0000 12.A2.8.230.0000 NFC 32.21.7.012.4000 39.01.0.012.0060 563290600040
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93.68.0.024 22.34.0.230.4320 260180240000 563291100040 60.12.8.240.0040 623290484800
99.80.0.024.98 20.23.9.012.0000 7F.20.8.120.1020 093.08 20.28.8.230.0000 22.23.8.024.4000
56.32.9.024.0000T