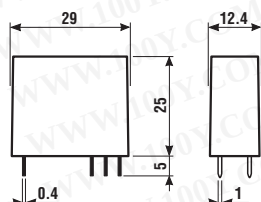


- P.C.B. or plug-in mount
- AC, DC, sensitive DC or single bistable coil versions available
- 8 mm, 6 kV (1.2/50 µs) between coil and contacts
- Ambient temperature +85°C
- Sockets and accessories: see 95 and 99 series

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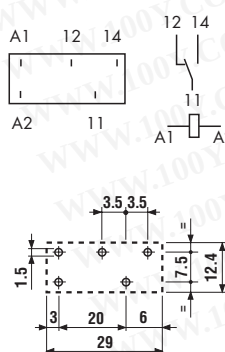


\* for 400 V applications, requirements for pollution degree 2 are met.

## 40.31



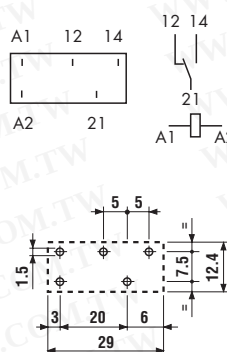
- 1 pole, 10 A
- 3.5 mm pinning
- PCB / for use with 95 series sockets



## 40.51



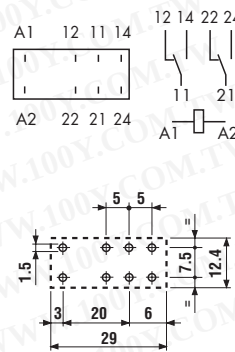
- 1 pole, 10 A
- 5 mm pinning
- PCB / for use with 95 series sockets



## 40.52



- 2 pole, 8 A
- 5 mm pinning
- PCB / for use with 95 series sockets



### Contact specifications

| Contact configuration                        | 1 CO (SPDT) | 1 CO (SPDT) | 2 CO (DPDT) |
|----------------------------------------------|-------------|-------------|-------------|
| Rated current/Maximum peak current A         | 10/20       | 10/20       | 8/15        |
| Rated voltage/Maximum switching voltage V AC | 250/400*    | 250/400*    | 250/250     |
| Rated load in AC1 VA                         | 2,500       | 2,500       | 2,000       |
| Rated load in AC15 (230 VAC) VA              | 500         | 500         | 400         |
| Single phase motor rating (230 VAC) kW/HP    | 0.37/0.6    | 0.37/0.6    | 0.3/0.4     |
| Breaking capacity in DC1: 30/110/220V A      | 10/0.3/0.12 | 10/0.3/0.12 | 8/0.3/0.12  |
| Minimum switching load mW (V/mA)             | 300 (5/5)   | 300 (5/5)   | 300 (5/5)   |
| Standard contact material                    | AgNi        | AgNi        | AgNi        |

### Coil specifications

| Nominal voltage (U <sub>N</sub> )       | V AC (50/60 Hz) | 6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240           | V DC                                                    | 5 - 6 - 7 - 9 - 12 - 14 - 18 - 21 - 24 - 28 - 36 - 48 - 60 - 90 - 110 |
|-----------------------------------------|-----------------|---------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|
| Rated power AC/DC/sens. DC VA (50 Hz)/W | 1.2/0.65/0.5    | 1.2/0.65/0.5                                            | 1.2/0.65/0.5                                            | 1.2/0.65/0.5                                                          |
| Operating range                         | AC (50 Hz)      | (0.8...1.1)U <sub>N</sub>                               | (0.8...1.1)U <sub>N</sub>                               | (0.8...1.1)U <sub>N</sub>                                             |
|                                         | DC/sens. DC     | (0.73...1.5)U <sub>N</sub> /(0.73...1.75)U <sub>N</sub> | (0.73...1.5)U <sub>N</sub> /(0.73...1.75)U <sub>N</sub> | (0.73...1.5)U <sub>N</sub> /(0.73...1.75)U <sub>N</sub>               |
| Holding voltage                         | AC/DC           | 0.8 U <sub>N</sub> / 0.4 U <sub>N</sub>                 | 0.8 U <sub>N</sub> / 0.4 U <sub>N</sub>                 | 0.8 U <sub>N</sub> / 0.4 U <sub>N</sub>                               |
| Must drop-out voltage                   | AC/DC           | 0.2 U <sub>N</sub> / 0.1 U <sub>N</sub>                 | 0.2 U <sub>N</sub> / 0.1 U <sub>N</sub>                 | 0.2 U <sub>N</sub> / 0.1 U <sub>N</sub>                               |

### Technical data

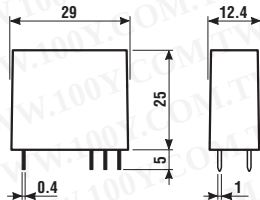
|                                                 |        |                                            |                                            |                                            |
|-------------------------------------------------|--------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Mechanical life AC/DC                           | cycles | 10 · 10 <sup>6</sup> /20 · 10 <sup>6</sup> | 10 · 10 <sup>6</sup> /20 · 10 <sup>6</sup> | 10 · 10 <sup>6</sup> /20 · 10 <sup>6</sup> |
| Electrical life at rated load AC1               | cycles | 200 · 10 <sup>3</sup>                      | 200 · 10 <sup>3</sup>                      | 100 · 10 <sup>3</sup>                      |
| Operate/release time (bounce included)          | ms     | 10/10 - (15/12 sens.)                      | 10/10 - (15/12 sens.)                      | 10/10 - (15/12 sens.)                      |
| Insulation according to EN 61810-5              |        | 3.6 kV/3                                   | 3.6 kV/3                                   | 3.6 kV/2                                   |
| Insulation between coil and contacts (1.2/50µs) | kV     | 6 (8mm)                                    | 6 (8mm)                                    | 6 (8mm)                                    |
| Dielectric strenght between open contacts       | V AC   | 1,000                                      | 1,000                                      | 1,000                                      |
| Ambient temperature range                       | °C     | -40...+85                                  | -40...+85                                  | -40...+85                                  |
| Protection category                             |        | IP 50                                      | IP 50                                      | IP 50                                      |

Approvals: (according to type)



- P.C.B. or plug-in mount
- AC, DC, sensitive DC or single bistable coil versions available
- 8 mm, 6 kV (1.2/50  $\mu$ s) between coil and contacts
- Ambient temperature +85°C
- Sockets and accessories: see 95 and 99 series

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\* for 400 V applications, requirements for pollution degree 2 are met.

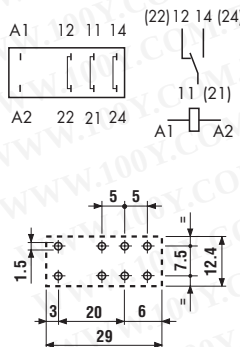
## 40.61

## 40.xx.6



- 1 pole, 16 A
- 5 mm pinning
- PCB / for use with 95 series sockets

- Bistable version (1 coil)
- PCB / for use with 95 series sockets



Bistable version (1 coil) types:

40.31.6...  
 40.51.6...  
 40.52.6...  
 40.61.6...

For wiring diagrams see  
 page 18

### Contact specifications

|                                         |             |             |
|-----------------------------------------|-------------|-------------|
| Contact configuration                   | 1 CO (SPDT) |             |
| Rated current/Maximum peak current      | A           | 16/30       |
| Rated voltage/Maximum switching voltage | V AC        | 250/400*    |
| Rated load in AC1                       | VA          | 4,000       |
| Rated load in AC15 (230 VAC)            | VA          | 750         |
| Single phase motor rating (230 VAC)     | kW/HP       | 0.55/0.8    |
| Breaking capacity in DC1: 30/110/220V   | A           | 16/0.3/0.12 |
| Minimum switching load                  | mW (V/mA)   | 500 (10/5)  |
| Standard contact material               |             | AgCdO       |

### Coil specifications

|                            |                 |                                               |                            |
|----------------------------|-----------------|-----------------------------------------------|----------------------------|
| Nominal voltage ( $U_N$ )  | V AC (50/60 Hz) | 6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240 | 5 - 6 - 12 - 24 - 48 - 110 |
|                            | V DC            | **See below                                   | 5 - 6 - 12 - 24 - 48 - 110 |
| Rated power AC/DC/sens. DC | VA (50 Hz)/W    | 1.2/0.65/0.5                                  | 1.0/1.0/—                  |
| Operating range            | AC (50 Hz)      | $(0.8...1.1)U_N$                              | $(0.8...1.1)U_N$           |
|                            | DC/sens. DC     | $(0.73...1.5)U_N / (0.8...1.5)U_N$            | $(0.8...1.1)U_N / —$       |
| Holding voltage            | AC/DC           | $0.8 U_N / 0.4 U_N$                           | —                          |
| Must drop-out voltage      | AC/DC           | $0.2 U_N / 0.1 U_N$                           | —                          |

### Technical data

|                                                       |        |                                 |                                    |
|-------------------------------------------------------|--------|---------------------------------|------------------------------------|
| Mechanical life AC/DC                                 | cycles | $10 \cdot 10^5 / 20 \cdot 10^5$ | See relays                         |
| Electrical life at rated load AC1                     | cycles | $100 \cdot 10^3$                | 40.31                              |
| Operate/release time (bounce included)                | ms     | 10/10 - (15/12 sens.)           | 40.51                              |
| Insulation according to EN 61810-5                    |        | 3.6 kV/3                        | 40.52                              |
| Insulation between coil and contacts (1.2/50 $\mu$ s) | kV     | 6 (8mm)                         | 40.61                              |
| Dielectric strenght between open contacts             | V AC   | 1,000                           |                                    |
| Ambient temperature range                             | °C     | -40...+85                       | Min. impulse duration $\geq 20$ ms |
| Protection category                                   |        | IP 50                           |                                    |

Approvals: (according to type)



\*\* Nominal voltage ( $U_N$ ):  
 5 - 6 - 7 - 9 - 12 - 14 - 18 - 21 -  
 24 - 28 - 36 - 48 - 60 - 90 -  
 110 V DC

## ORDERING INFORMATION

Example: a 40 series P.C.B. relay with 2 CO (DPDT) contacts, with coil rated at 230 V AC.

**4 0 . 5 2 . 8 . 2 3 0 . 0 0 0 0**

### Series

### Type

3 = P.C.B. - 3.5 mm pinning  
5 = P.C.B. - 5 mm pinning  
6 = P.C.B. - 5 mm pinning

### No. of poles

1 = 1 CO (SPDT)  
for: 40.31, 10 A  
40.51, 10 A  
40.61, 16 A  
2 = 2 CO (DPDT)  
for 40.52, 8 A

### Coil version

6 = AC/DC bistable  
7 = Sensitive DC  
8 = AC (50/60 Hz)  
9 = DC

### Coil voltage

see coil specifications

### A: Contact material

0 = Standard AgNi  
for: 40.31/51/52  
AgCdO for 40.61  
2 = AgCdO  
4 = AgSnO<sub>2</sub>  
5 = AgNi + Au (5µm)

### B: Contact circuit

0 = Standard  
3 = Contact NO

### D: Special applications

0 = Standard  
1 = Sealed version (IP67)  
3 = High temperature (+125°C)  
sealed version

### C: Options

0 = Standard

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### Only combinations in the same row are possible

Preferred versions

|          | coil version  | A | B | C | D |
|----------|---------------|---|---|---|---|
| 40.31/51 | AC/DC/sens.DC | 0 | 0 | 0 | 0 |
| 40.52    | AC/DC/sens.DC | 0 | 0 | 0 | 0 |
| 40.61    | AC/DC/sens.DC | 0 | 0 | 0 | 0 |

All versions

|                | coil version | A             | B     | C | D         |
|----------------|--------------|---------------|-------|---|-----------|
| 40.31/51       | AC/sens.DC   | 0 - 2 - 4 - 5 | 0 - 3 | 0 | 0 - 1     |
| 40.31/51       | DC           | 0 - 2 - 4 - 5 | 0 - 3 | 0 | 0 - 1 - 3 |
| 40.52          | AC/sens.DC   | 0 - 2 - 5     | 0 - 3 | 0 | 0 - 1     |
| 40.52          | DC           | 0 - 2 - 5     | 0 - 3 | 0 | 0 - 1 - 3 |
| 40.61          | AC/sens.DC   | 0 - 4         | 0 - 3 | 0 | 0 - 1     |
| 40.61          | DC           | 0 - 4         | 0 - 3 | 0 | 0 - 1 - 3 |
| 40.31/51/52/61 | bistable     | 0             | 0     | 0 | 0         |

## TECHNICAL DATA

### INSULATION

|                                    |                                 |          |         |
|------------------------------------|---------------------------------|----------|---------|
| INSULATION according to EN 61810-5 | insulation rated voltage        | V        | 250     |
|                                    | rated impulse withstand voltage | kV       | 3.6     |
|                                    | pollution degree                | 3 (1 CO) | 2 (2CO) |
|                                    | overvoltage category            | III      |         |

### IMMUNITY

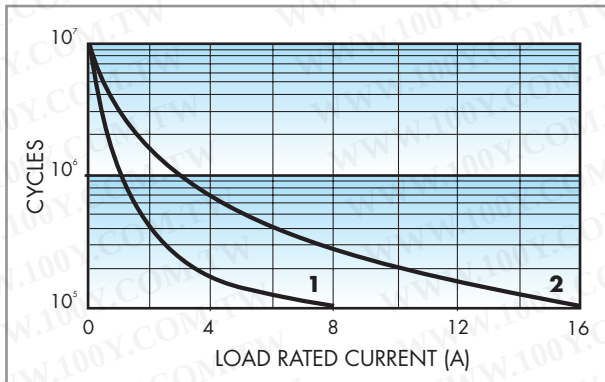
|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| CONDUCTED DISTURBANCE IMMUNITY | BURST (according to EN 61000-4-4) level 4 (4kV) |
|                                | SURGE (according to EN 61000-4-5) level 3 (2kV) |

### OTHER DATA

|                                                       |                         |            |                             |
|-------------------------------------------------------|-------------------------|------------|-----------------------------|
| VIBRATION RESISTANCE (10...55Hz): NO/NC               | g/g                     | 10/4 (1CO) | 3/3 (2CO)                   |
| POWER LOST IN THE ENVIRONMENT                         | without contact current | W          | 0.6                         |
|                                                       | with rated current      | W          | 1.2 (40.31/51) 2 (40.61/52) |
| RECOMMENDED DISTANCE between RELAY mounted on P.C.B.s | mm                      | ≥5         |                             |

## CONTACT SPECIFICATIONS

### F 40

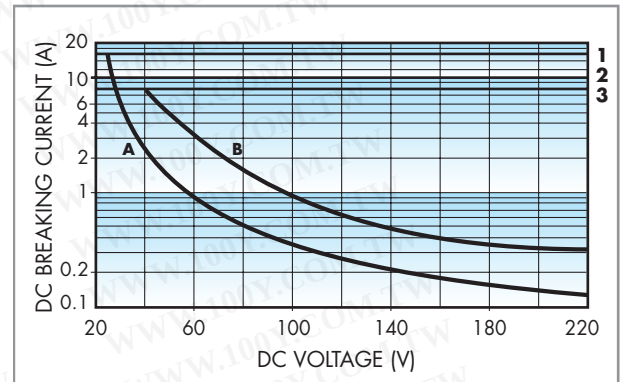


Electrical life vs AC1 load.

- 1 - Type 40.52 (8 A)
- 2 - Type 40.31 - 40.51 (10 A)  
Type 40.61 (16 A)

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### H 40



Breaking capacity for DC1 load.

- 1 - Type 40.61
- 2 - Type 40.31 - 40.51
- 3 - Type 40.52
- A - Load applied to 1 contact
- B - Load applied to 2 contacts in series

- When switching a resistive load (DC1) having voltage and current values under the curve the expected electrical life is  $\geq 100 \cdot 10^3$  cycles.
- In case of DC13 loads the connection of a diode in parallel with the load will permit the same electrical life as for a DC1 load.

**Note:** the release time of load will be increase.

## COIL SPECIFICATIONS

### DC VERSION DATA (0.65 W standard)

| Nominal voltage<br>$U_N$<br>V | Coil code | Operating range |                | Resistance<br>R<br>$\Omega$ | Rated coil absorption<br>I at $U_N$<br>mA |
|-------------------------------|-----------|-----------------|----------------|-----------------------------|-------------------------------------------|
|                               |           | $U_{min}$<br>V  | $U_{max}$<br>V |                             |                                           |
| 5                             | 9.005     | 3.65            | 7.5            | 38                          | 130                                       |
| 6                             | 9.006     | 4.4             | 9              | 55                          | 109                                       |
| 7                             | 9.007     | 5.1             | 10.5           | 75                          | 93                                        |
| 9                             | 9.009     | 6.6             | 13.5           | 125                         | 72                                        |
| 12                            | 9.012     | 8.8             | 18             | 220                         | 55                                        |
| 14                            | 9.014     | 10.2            | 21             | 300                         | 47                                        |
| 18                            | 9.018     | 13.1            | 27             | 500                         | 36                                        |
| 21                            | 9.021     | 15.3            | 31.5           | 700                         | 30                                        |
| 24                            | 9.024     | 17.5            | 36             | 900                         | 27                                        |
| 28                            | 9.028     | 20.5            | 42             | 1,200                       | 23                                        |
| 36                            | 9.036     | 26.3            | 54             | 2,000                       | 18                                        |
| 48                            | 9.048     | 35              | 72             | 3,500                       | 14                                        |
| 60                            | 9.060     | 43.8            | 90             | 5,500                       | 11                                        |
| 90                            | 9.090     | 65.7            | 135            | 12,500                      | 7.2                                       |
| 110                           | 9.110     | 80.3            | 165            | 18,000                      | 6.1                                       |

### DC VERSION DATA (0.5 W sensitive)

| Nominal voltage<br>$U_N$<br>V | Coil code | Operating range  |                     | Resistance<br>R<br>$\Omega$ | Rated coil absorption<br>I at $U_N$<br>mA |
|-------------------------------|-----------|------------------|---------------------|-----------------------------|-------------------------------------------|
|                               |           | $U_{min}^*$<br>V | $U_{max}^{**}$<br>V |                             |                                           |
| 5                             | 7.005     | 3.7              | 8.8                 | 50                          | 100                                       |
| 6                             | 7.006     | 4.4              | 10.5                | 75                          | 80                                        |
| 7                             | 7.007     | 5.1              | 12.2                | 100                         | 70                                        |
| 9                             | 7.009     | 6.6              | 15.8                | 160                         | 56                                        |
| 12                            | 7.012     | 8.8              | 21                  | 300                         | 40                                        |
| 14                            | 7.014     | 10.2             | 24.5                | 400                         | 35                                        |
| 18                            | 7.018     | 13.2             | 31.5                | 650                         | 27.7                                      |
| 21                            | 7.021     | 15.4             | 36.9                | 900                         | 23.3                                      |
| 24                            | 7.024     | 17.5             | 42                  | 1,200                       | 20                                        |
| 28                            | 7.028     | 20.5             | 49                  | 1,600                       | 17.5                                      |
| 36                            | 7.036     | 26.3             | 63                  | 2,600                       | 13.8                                      |
| 48                            | 7.048     | 35               | 84                  | 4,800                       | 10                                        |
| 60                            | 7.060     | 43.8             | 105                 | 7,200                       | 8.3                                       |
| 90                            | 7.090     | 65.7             | 157                 | 16,200                      | 5.5                                       |
| 110                           | 7.110     | 80.3             | 192                 | 23,500                      | 4.7                                       |

\* $U_{min} = 0.8 U_N$  for 40.61

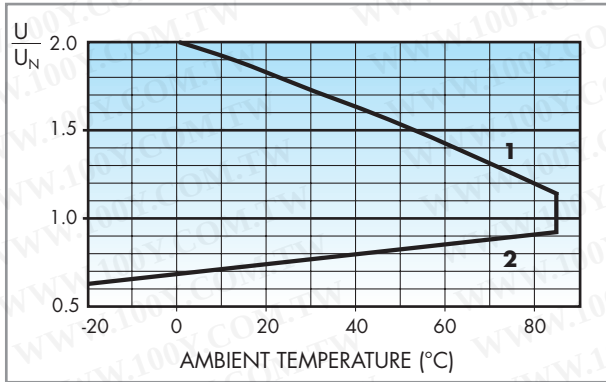
\*\* $U_{max} = 1.5 U_N$  for 40.61

### AC VERSION DATA

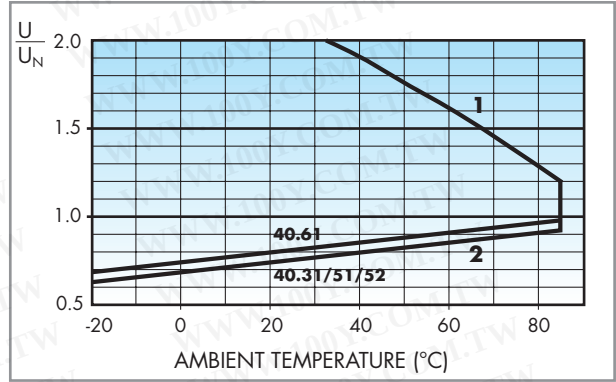
| Nominal voltage<br>$U_N$<br>V | Coil code | Operating range |                | Resistance<br>R<br>$\Omega$ | Rated coil absorption<br>I at $U_N$ (50Hz)<br>mA |
|-------------------------------|-----------|-----------------|----------------|-----------------------------|--------------------------------------------------|
|                               |           | $U_{min}$<br>V  | $U_{max}$<br>V |                             |                                                  |
| 6                             | 8.006     | 4.8             | 6.6            | 21                          | 168                                              |
| 12                            | 8.012     | 9.6             | 13.2           | 80                          | 90                                               |
| 24                            | 8.024     | 19.2            | 26.4           | 320                         | 45                                               |
| 48                            | 8.048     | 38.4            | 52.8           | 1,350                       | 21                                               |
| 60                            | 8.060     | 48              | 66             | 2,100                       | 16.8                                             |
| 110                           | 8.110     | 88              | 121            | 6,900                       | 9.4                                              |
| 120                           | 8.120     | 96              | 132            | 9,000                       | 8.4                                              |
| 230                           | 8.230     | 184             | 253            | 28,000                      | 4.5                                              |
| 240                           | 8.240     | 192             | 264            | 31,500                      | 4.1                                              |

## COIL SPECIFICATIONS

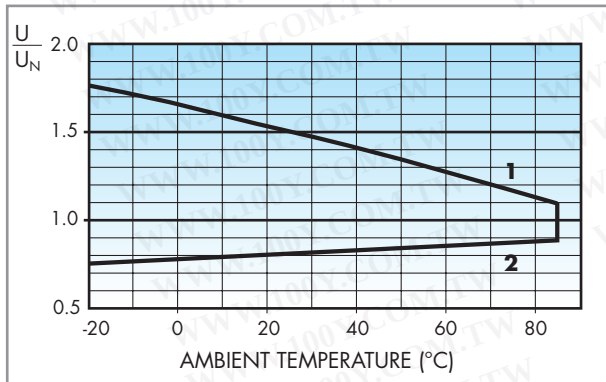
### R 40 DC



### R 40 sens. DC



### R 40 AC



Operating range vs ambient temperature.

**1** - Max coil voltage permitted

**2** - Min pick-up voltage with coil at ambient temperature

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## BISTABLE COIL SPECIFICATIONS

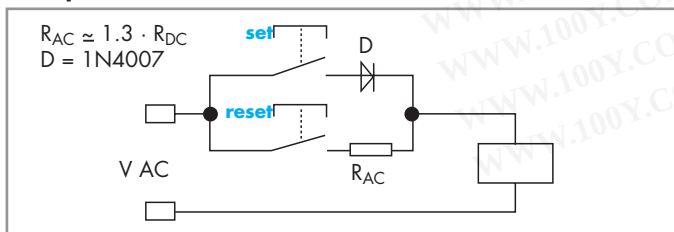
### AC/DC VERSION DATA (bistable)

| Nominal voltage<br>$U_N$<br>V | Coil  | Operating range |                | Resistance<br>$R$<br>$\Omega$ | Rated coil absorption<br>$I$ at $U_N$<br>mA | DC: Release resistance**<br>$R_{DC}$<br>$\Omega$ |
|-------------------------------|-------|-----------------|----------------|-------------------------------|---------------------------------------------|--------------------------------------------------|
|                               |       | $U_{min}$<br>V  | $U_{max}$<br>V |                               |                                             |                                                  |
| 5                             | 6.005 | 4               | 5.5            | 23                            | 215                                         | 37                                               |
| 6                             | 6.006 | 4.8             | 6.6            | 33                            | 165                                         | 62                                               |
| 12                            | 6.012 | 9.6             | 13.2           | 130                           | 83                                          | 220                                              |
| 24                            | 6.024 | 19.2            | 26.4           | 520                           | 40                                          | 910                                              |
| 48                            | 6.048 | 38.4            | 52.8           | 2,100                         | 21                                          | 3,600                                            |
| 110                           | 6.110 | 88              | 121            | 11,000                        | 10                                          | 16,500                                           |

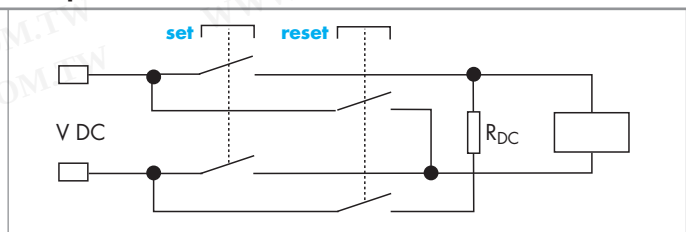
\*\*  $R_{DC}$  = Resistance in DC,  $R_{AC} = 1.3 \times R_{DC}$

### Wiring Diagram for 40 Series bistable coil version

#### AC Operation



#### DC Operation



On momentary closure of the SET switch the relay is magnetised through the diode and the relay contacts transfer to the set position and remain in this position.

On momentary closure of the RESET switch the relay is demagnetised through current limiting resistor (R<sub>AC</sub>) and the contacts return to the reset position.

On momentary closure of the SET switch the relay is magnetised and the relay contacts transfer to the set position and remain in this position.

On momentary closure of the RESET switch the relay is demagnetised through limiting resistor (R<sub>DC</sub>) and the contacts return to the reset position.

**Notes:** The minimum SET or RESET impulse time is 20 ms. The maximum time can be continuous. In practice, always ensure that the SET and RESET contacts cannot be operated simultaneously.



95.05

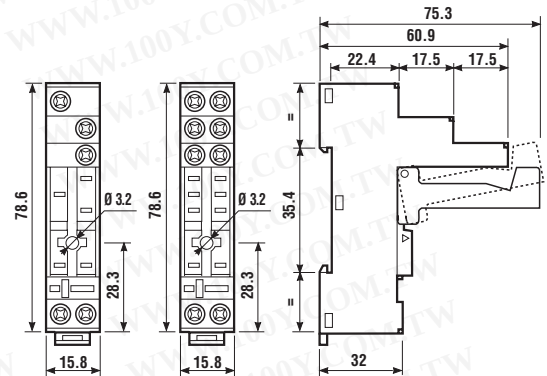
Approvals  
(according to type):



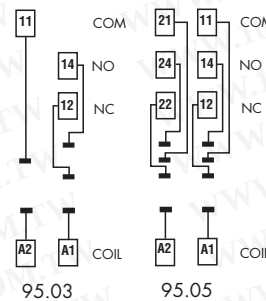
- RATED VALUES: 10 A - 250 V  
with a current >10 A, the contact terminal must be connected in parallel (21 with 11, 24 with 14, 22 with 12)
- INSULATION:  $\geq 6$  kV (1.2/50 $\mu$ s) between coil and contacts
- PROTECTION CATEGORY: IP 20
- AMBIENT TEMPERATURE: (-40...+70) °C
- TORQUE: 0.5 Nm
- MAX WIRE SIZE:

|                 | solid wire  | flexible wire |
|-----------------|-------------|---------------|
| mm <sup>2</sup> | 1x6 / 2x2.5 | 1x4 / 2x2.5   |
| AWG             | 1x14 / 2x12 | 1x14 / 2x12   |

| Relay type                                                         | 40.31        | 40.51, 40.52, 40.61 |
|--------------------------------------------------------------------|--------------|---------------------|
| <b>Screw terminal socket:</b> panel or 35 mm rail (EN 50022) mount | BLUE         | 95.03               |
|                                                                    | BLACK*       | 95.03.0             |
| Retaining and release clip (supplied with socket)                  | 095.01       | 095.01              |
| Identification tag                                                 | 095.00.4     | 095.00.4            |
| Modules                                                            | 99.02        | 99.02               |
| Timer modules                                                      | 86.10, 86.20 | 86.10, 86.20        |
| 8-way jumper link for 95.03 and 95.05 sockets                      | 095.18       | 095.18              |



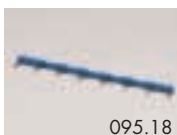
勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
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99.02

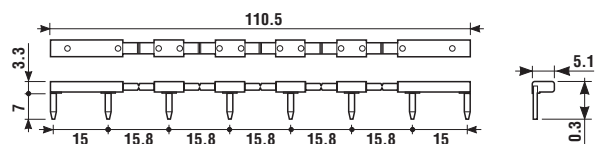
| 99 Series modules for 95.03 and 95.05 sockets |                     | BLUE           | BLACK*           |
|-----------------------------------------------|---------------------|----------------|------------------|
| Diode                                         | (6...220) V DC      | 99.02.3.000.00 | 99.02.3.000.00.0 |
| Diode (inverted polarity)                     | (6...220) V DC      | 99.02.2.000.00 | 99.02.2.000.00.0 |
| LED                                           | (6...24) V DC/AC    | 99.02.0.024.59 | 99.02.0.024.59.0 |
| LED                                           | (28...60) V DC/AC   | 99.02.0.060.59 | 99.02.0.060.59.0 |
| LED                                           | (110...240) V DC/AC | 99.02.0.230.59 | 99.02.0.230.59.0 |
| LED + Diode                                   | (6...24) V DC       | 99.02.9.024.99 | 99.02.9.024.99.0 |
| LED + Diode                                   | (28...60) V DC      | 99.02.9.060.99 | 99.02.9.060.99.0 |
| LED + Diode                                   | (110...220) V DC    | 99.02.9.220.99 | 99.02.9.220.99.0 |
| LED + Diode (inverted polarity)               | (6...24) V DC       | 99.02.0.024.79 | 99.02.0.024.79.0 |
| LED + Diode (inverted polarity)               | (28...60) V DC      | 99.02.9.060.79 | 99.02.9.060.79.0 |
| LED + Diode (inverted polarity)               | (110...220) V DC    | 99.02.9.220.79 | 99.02.9.220.79.0 |
| LED + Varistor                                | (6...24) V DC/AC    | 99.02.0.024.98 | 99.02.0.024.98.0 |
| LED + Varistor                                | (28...60) V DC/AC   | 99.02.0.060.98 | 99.02.0.060.98.0 |
| LED + Varistor                                | (110...240) V DC/AC | 99.02.0.230.98 | 99.02.0.230.98.0 |
| RC                                            | (6...24) V DC/AC    | 99.02.0.024.09 | 99.02.0.024.09.0 |
| RC                                            | (28...60) V DC/AC   | 99.02.0.060.09 | 99.02.0.060.09.0 |
| RC                                            | (110...240) V DC/AC | 99.02.0.230.09 | 99.02.0.230.09.0 |
| No - remanence                                | (110...240) V AC    | 99.02.8.230.07 | 99.02.8.230.07.0 |

|                                                       |        |
|-------------------------------------------------------|--------|
| <b>8-way jumper link</b> for 95.03, and 95.05 sockets | 095.18 |
|-------------------------------------------------------|--------|



095.18

- RATED VALUES: 10 A - 250 V



\*Available on request



95.63

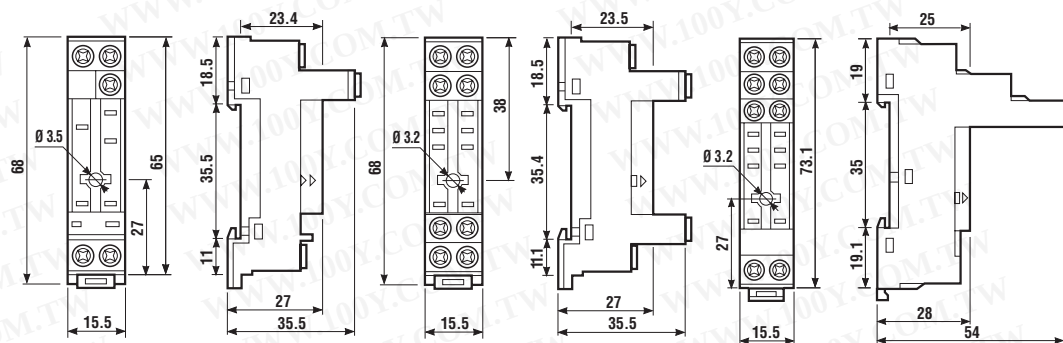


95.65



95.75

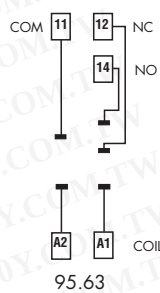
| Relay type                                                  | 40.31  | 40.51, 40.52, 40.61 |                 |
|-------------------------------------------------------------|--------|---------------------|-----------------|
| Screw terminal socket: panel or 35 mm rail (EN 50022) mount | BLUE   | 95.63               | 95.65 95.75     |
|                                                             | BLACK* | 95.63.0             | 95.65.0 95.75.0 |
| Retaining clip (supplied with socket)                       | 095.71 | 095.71              | 095.71          |
| Modules                                                     | 99.01  | —                   | 99.01           |
| 8-way jumper link for 95.63 and 95.75 sockets               | 095.08 | 095.08              | 095.08          |



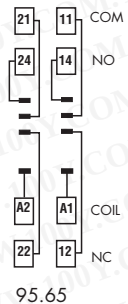
Approvals  
(according to type):



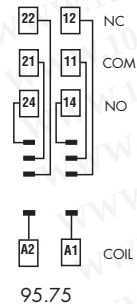
- RATED VALUES: 10 A - 250 V  
with a current >10 A, the contact terminal must be connected in parallel (21 with 11, 24 with 14, 22 with 12)
- INSULATION:  $\geq 6$  kV (1.2/50 $\mu$ s) between coil and contacts
- PROTECTION CATEGORY: IP 20
- AMBIENT TEMPERATURE: (-40...+70) °C
- TORQUE: 0.5 Nm
- MAX WIRE SIZE:



95.63



95.65



95.75

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99.01

| 99 Series modules for 95.63 and 95.75 sockets |                     | BLUE           | BLACK*           |
|-----------------------------------------------|---------------------|----------------|------------------|
| Diode                                         | (6...220) V DC      | 99.01.3.000.00 | 99.01.3.000.00.0 |
| Diode (inverted polarity)                     | (6...220) V DC      | 99.01.2.000.00 | 99.01.2.000.00.0 |
| LED                                           | (6...24) V DC/AC    | 99.01.0.024.59 | 99.01.0.024.59.0 |
| LED                                           | (28...60) V DC/AC   | 99.01.0.060.59 | 99.01.0.060.59.0 |
| LED                                           | (110...240) V DC/AC | 99.01.0.230.59 | 99.01.0.230.59.0 |
| LED + Diode                                   | (6...24) V DC       | 99.01.9.024.99 | 99.01.9.024.99.0 |
| LED + Diode                                   | (28...60) V DC      | 99.01.9.060.99 | 99.01.9.060.99.0 |
| LED + Diode                                   | (110...220) V DC    | 99.01.9.220.99 | 99.01.9.220.99.0 |
| LED + Diode (inverted polarity)               | (6...24) V DC       | 99.01.0.024.79 | 99.01.0.024.79.0 |
| LED + Diode (inverted polarity)               | (28...60) V DC      | 99.01.9.060.79 | 99.01.9.060.79.0 |
| LED + Diode (inverted polarity)               | (110...220) V DC    | 99.01.9.220.79 | 99.01.9.220.79.0 |
| LED + Varistor                                | (6...24) V DC/AC    | 99.01.0.024.98 | 99.01.0.024.98.0 |
| LED + Varistor                                | (28...60) V DC/AC   | 99.01.0.060.98 | 99.01.0.060.98.0 |
| LED + Varistor                                | (110...240) V DC/AC | 99.01.0.230.98 | 99.01.0.230.98.0 |
| RC                                            | (6...24) V DC/AC    | 99.01.0.024.09 | 99.01.0.024.09.0 |
| RC                                            | (28...60) V DC/AC   | 99.01.0.060.09 | 99.01.0.060.09.0 |
| RC                                            | (110...240) V DC/AC | 99.01.0.230.09 | 99.01.0.230.09.0 |
| No - remanence                                | (110...240) V AC    | 99.01.8.230.07 | 99.01.8.230.07.0 |

\*Available on request

# 95 Series - Sockets and Accessories for 40 Series Relays

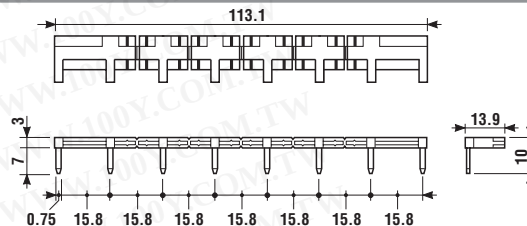


095.08

- RATED VALUES: 10 A - 250 V

**8-way jumper link** for 95.63, 95.65 and 95.75 sockets

095.08



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95.13

| Relay type             |        | 40.31   | 40.51, 40.52, 40.61 |
|------------------------|--------|---------|---------------------|
| P.C.B. socket          | BLUE   | 95.13   | 95.15               |
|                        | BLACK* | 95.13.0 | 95.15.0             |
| Metal retaining clip   |        | 095.51  | 095.51              |
| Plastic retaining clip |        | 095.52  | 095.52              |

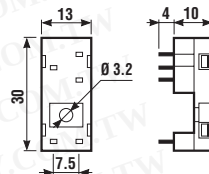


95.15

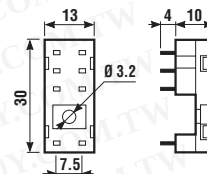
Approvals  
 (according to type):



- RATED VALUES: 10 A - 250 V
- INSULATION:  $\geq 6$  kV (1.2/50 $\mu$ s) between coil and contacts
- PROTECTION CATEGORY: IP 20
- AMBIENT TEMPERATURE: (-40...+70) °C



95.13



95.15

