

## Miniature relays

### PCB mount or plug-in

#### 34 series

- Ultra slim, 5 mm wide
- Sensitive DC coil
- Replacement relay for 38 series



Cat. No.

34.51...V DC

#### Contact specifications

|  |              |
|--|--------------|
| Contact configuration                    | 1 C/O        |
| Rated current                            | 6 A          |
| Rated voltage                            | 250 V AC     |
| Rated load in AC 1                       | 1,500 VA     |
| Rated load in AC 15 (230 V AC)           | 300 VA       |
| Breaking capacity in DC 1 : 30/110/220 V | 6/0.2/0.12 A |
| Maximum peak current                     | 10 A         |
| Maximum switching voltage                | 400 V AC     |
| Minimum switching load                   | 500 mW       |

#### Coil specifications

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Nominal voltage (U <sub>N</sub> ) | DC 6 <sup>[i]</sup> , 12, 24, 60 |
| Rated power                       | DC 0.17 W                        |
| Operation range                   | DC (0.7...2) U <sub>N</sub>      |
| Holding voltage                   | DC 0.4 U <sub>N</sub>            |
| Must drop-out voltage             | DC 0.05 U <sub>N</sub>           |

#### Technical data

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| Mechanical life AC/DC                | -/10.10 <sup>6</sup> cycles           |
| Electrical life @ rated load AC 1    | 60.10 <sup>3</sup> cycles             |
| Insulation between coil and contacts | 6 kV                                  |
| Ambient temperature range            | -40 °C...+85 °C                       |
| Protection rating                    | IP 50                                 |
| Connection diagram                   |                                       |
| Bases                                | Refer to 38.51 relay interface module |

**Notes:** The equipment on this page is rated 230/400 V and is suitable for use on 240/415 V systems as per AS 60038:2000.

<sup>[i]</sup> Available on indent only.

## Relay dimensions (mm)

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