

V14 socket - PCB mount

Datasheet

**V14 socket is obsolete,
replaced by V18 socket**



Features

- PCB mount
- Space saving
- Suitable for all CP relay series
- Bifurcated female receiver for tight grip relay pin
- Clear terminal ID

Benefits

- Proven reliable
- Long term availability
- Easy to maintain
- Low life cycle cost
- No maintenance

Railway compliancy

- EN 50155 Electronic equipment used on rolling stock for railway applications
- IEC 60571 Electronic equipment used on railway vehicles
- NF F 16-101/102, TS 45545-2 Fire behaviour - Railway rolling stock
- NF F 62-002 On-off contact relays and fixed connections

Description

The V14 is a relay socket for soldering on PCB. The relay will be plugged into the socket, the socket will be soldered on the PCB.

There is only one way of connecting the relay to the socket to guarantee correct placement of the relay.

Application

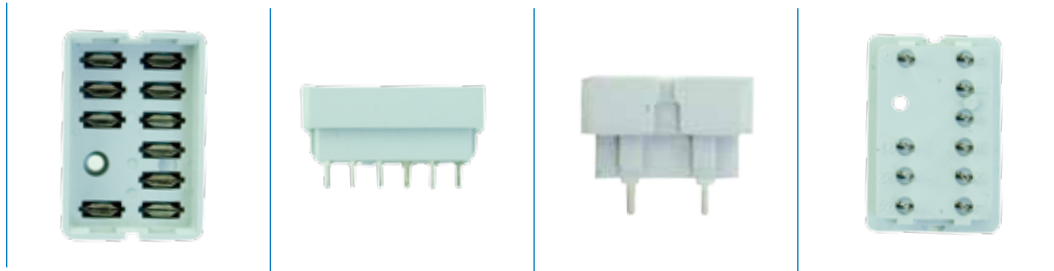
The V14 relay socket is suitable for general railway applications with a space saving design. Installation and replacement of relays is made easy and cost saving. No maintenance is required for the user.

Suitable for the CP relay series.



V14 socket

Technical specifications



Technical characteristics

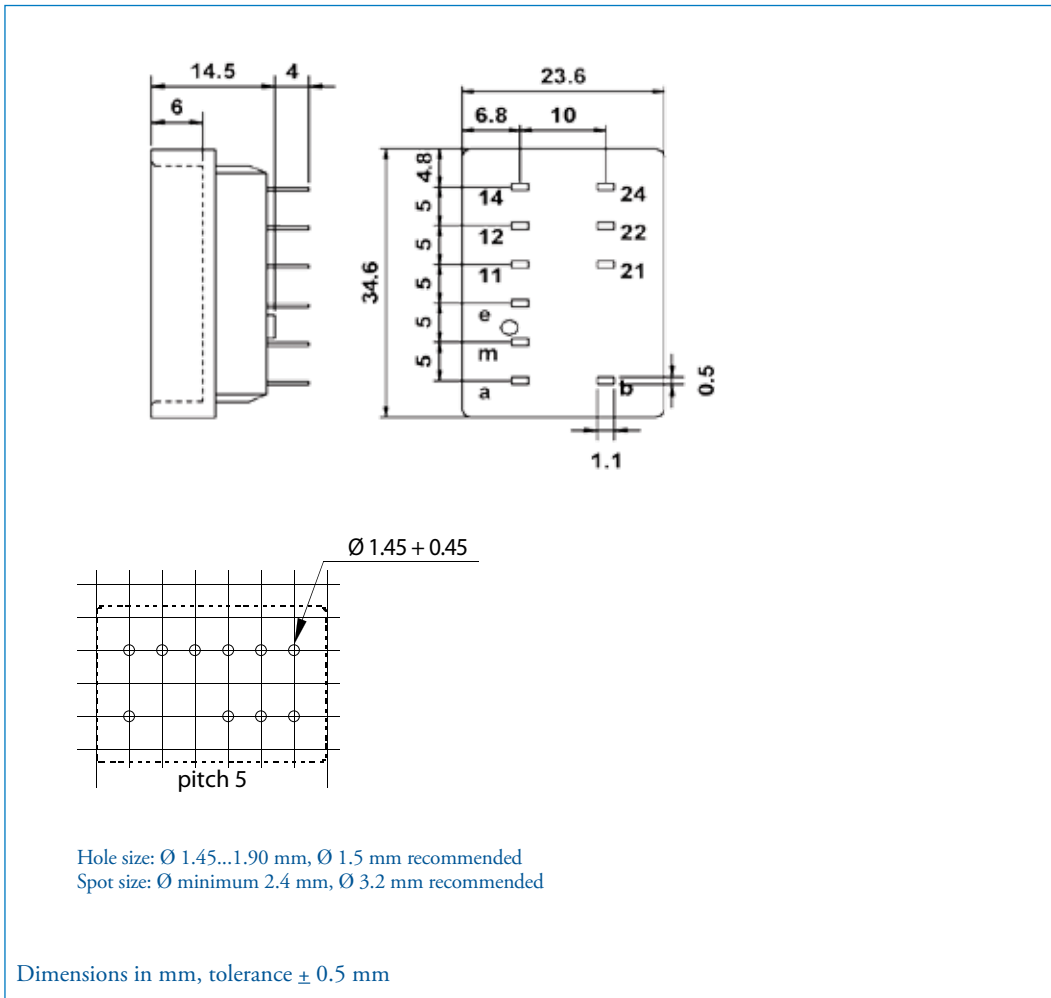
| | |
|--------------------------|---|
| Contact rating | 8 A |
| Dielectric strength | IEC 60255 / IEC 60077, 2500 V, 50 Hz, 1 min |
| Protecting category | IEC 60255 / IEC 60077, IP20 (relay side) |
| Mounting | PCB mounting |
| Max. ambient temperature | 80 °C |
| Weight | 12 g |
| Dimensions | 34.6 x 23.6 x 18.5 mm |
| Material | Polyester |
| Accessories | A107 retaining clip |



V14 socket

Technical specifications

Drawings & dimensions



V14 socket

Installation, inspection & ordering

Installation & inspection

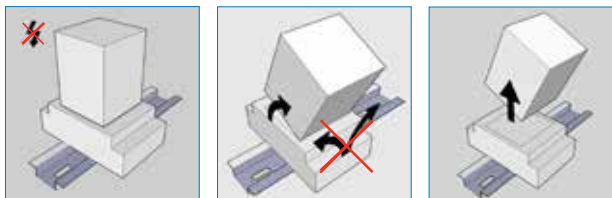
Installation

Before installation or working on the relay: disconnect the power supply first!

Solder socket on PCB board. Plug relay into the socket ensuring there is no gap between the bottom of relay and the socket. Reverse installation into the socket is not possible. Use a retaining clip to ensure good connection if necessary.

Warning!

- To remove relays from the socket, employ up and down lever movements. Sideway movement may cause damage to the coil wires



Remark: socket and relay shown are only examples.

Inspection

If the socket does not work after inspection of the correct relay connection, replace the unit with a similar model.

When returning products for investigation, please provide all information on the RMA form. Send defective products back to the manufacturer for repair or replacement. Normal wear and tear or external causes are excluded from warranty.



V14 socket

Ordering possibilities



V14



V107

| Article nr | Code | Description |
|------------|------|-----------------------------|
| 338200100 | V14 | Screw terminal relay socket |
| 339851070 | V107 | Retaining clip |





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