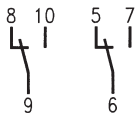


Cradle N Relay V23154/V23162 (Continued)

Terminal assignment

Size I

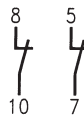
2 form C (2 CO)
V231xx-xxxxx-Bx04
V231xx-xxxxx-Cx04



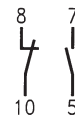
2 form A (2 NO)
V231xx-xxxxx-F105



2 form B (2 NC)
V231xx-xxxxx-F107

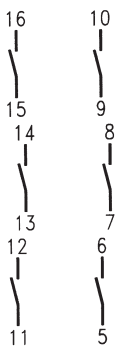


1 form A + 1 form B
(1 NO + 1 NC)
V231xx-xxxxx-F106

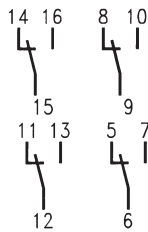


Size II

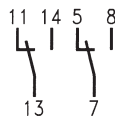
6 form A (6 NO)
V231xx-xxxxx-Bx12
V231xx-xxxxx-Cx12



4 form C (4 CO)
V231xx-xxxxx-Bx10

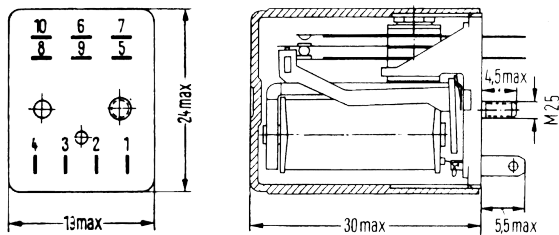


2 form C (2 CO)
V231xx-xxxxx-F104

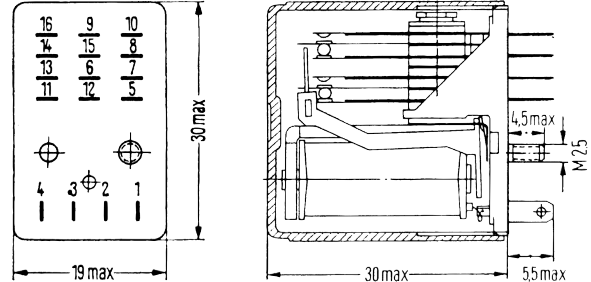


Dimensions

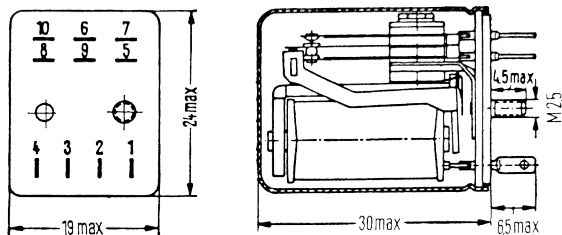
V23154-C0xx, size I type



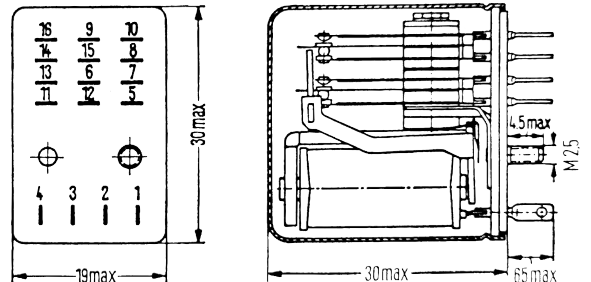
V23154-D0xx, size II type



V23162-A0xx, size I type



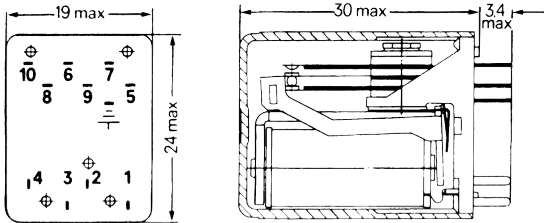
**V23162-B0xx, size II type
V23162-H0xx, size II type**



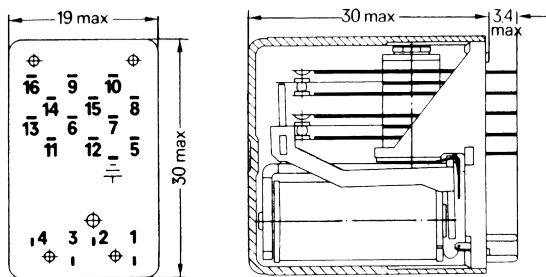
Cradle N Relay V23154/V23162 (Continued)

Dimensions

V23154-Mxxx, size I type



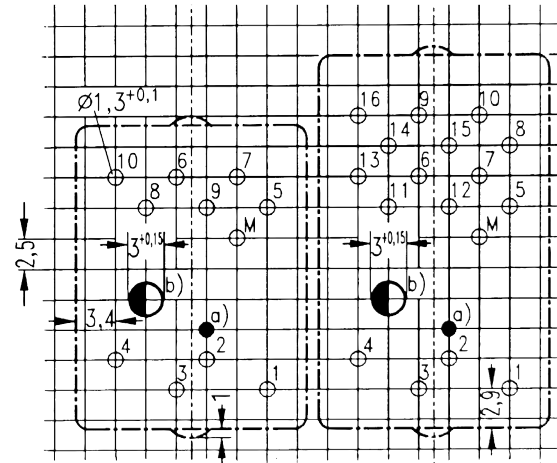
V23154-Nxxx, size II type



PCB layout

TOP view on component side of PCB

V23154-M/Nxx versions



M = Earth terminal

a) Hole for mechanical armature actuation, if required

b) Hole for socket mounting with screw M1.6.

Instructions for Impulse Operation

The maximum voltage stated in the part code table can be increased for impulse operation as follows:

$U_{II \text{ impuls}}$ $U_{II \text{ tamb}} \times q$
 $U_{II \text{ tamb}}$ Maximum continuous voltage at ambient temperature t_{amb}
 q Factor

The impulse voltage must not exceed 80% of the test voltage (winding/frame or winding/winding) or 2.5 times the value of the maximum voltage listed in the part code table.

If $t_{ED} \leq 3s$ then $q = \sqrt{\frac{t_z}{t_{ED}}}$; If $t_{ED} =$ Pulse width, $t_z =$ Cycle time. If $t_{ED} > 3s$ the value of q must be obtained from the nomograph.

Examples of various periodic pulse trains (energizing side)

1. Periodic recurrence of one energizing pulse
2. Periodic recurrence of two unequal energizing pulses

