

## Cradle N Relay V23154/V23162

- Multi purpose relay
- Highly reliable
- Great variety of contact arrangements and materials to meet specific applications
- Contacts for signal loads and currents up to 5 A
- DC coil, operating voltage 1.5VDC to 125VDC; AC, latching and non-latching coils on request
- Sockets for easy and quick mounting of relays

### Typical applications

Measurement and control equipment, control equipment in nuclear powerplant, press controls with high safety requirements (force-guided springs), telecommunications



### Contact Data

| Product code block 3                                             | B104/B110/B112                                                                                               | B604/B610/B612            | C104/C110/C112            | C404/C410                 | F104 to F107              |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Contact arrangement                                              | max. 4 form C (4 CO) contacts, 2 form B (2 NC) contacts or 6 form A (6 NO) contacts (see product code table) |                           |                           |                           |                           |
| Max. switching voltage                                           | 150VDC<br>125VAC                                                                                             | 36VDC<br>30VAC            | 150VDC<br>125VAC          | 36VDC<br>30VAC            | 150VDC<br>125VAC          |
| Rated current                                                    | 2A                                                                                                           | 0.2A                      | 2A                        | 0.2A                      | 5A                        |
| Limiting continuous current at max. ambient temperature          | 2A                                                                                                           | 2A                        | 2A                        | 2A                        | 5A                        |
| Breaking capacity max. see DC load breaking capacity curve below | 35 to 70W<br>50VA                                                                                            | 5W, 5VA<br>-              | 35 to 70W<br>50VA         | 5W, 5VA<br>-              | 50 to 140W<br>500VA       |
| Contact material                                                 | silver, gold-flashed                                                                                         | gold F                    | silver, gold-flashed      | gold F                    | silver, gold-flashed      |
| Contact style                                                    | single contact                                                                                               | single contact            | bifurcated contacts       | bifurcated contacts       | single contact            |
| Frequency of operation, without load, max.                       | 50 ops./s                                                                                                    | 50 ops./s                 | 50 ops./s                 | 50 ops./s                 | 10 ops./s                 |
| Operate / release time typ.                                      | 7.5/3ms                                                                                                      | 7.5/3ms                   | 7.5/3ms                   | 7.5/3ms                   | 7.5/3ms                   |
| Mechanical endurance                                             | app. 10 <sup>7</sup> ops.                                                                                    | app. 10 <sup>7</sup> ops. | app. 10 <sup>7</sup> ops. | app. 10 <sup>7</sup> ops. | app. 10 <sup>7</sup> ops. |

Max. DC breaking capacity, contact sets B1xx, C1xx



Max. DC breaking capacity, contact sets F1xx



**Cradle N Relay V23154/V23162** (Continued)

**Coil Data**

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Magnetic system       | neutral                                         |
| Coil voltage range    | 1.1 to 125 VDC,<br>typ. 800mW power consumption |
| Max. coil temperature | 100 °C                                          |
| Thermal resistance    | < 50K/W                                         |

**Coil versions, DC coil, monostable**

| Coil code | Rated voltage VDC | Operate/Limiting voltage <sup>1)</sup> VDC | Coil resistance $\Omega \pm 15\%$ | Rated coil power mW |
|-----------|-------------------|--------------------------------------------|-----------------------------------|---------------------|
| 702       | 1.1               | -                                          | 2                                 | 807                 |
| 711       | 5                 | -                                          | 28                                | 893                 |
| 712       | 7                 | -                                          | 58                                | 845                 |
| 715       | 9                 | -                                          | 110                               | 736                 |
| 716       | 10                | -                                          | 150                               | 667                 |
| 717       | 12                | -                                          | 220                               | 655                 |
| 719       | 15                | -                                          | 325                               | 692                 |
| 720       | 20                | -                                          | 550                               | 727                 |
| 721       | 24                | -                                          | 890                               | 647                 |
| 722       | 32                | -                                          | 1700                              | 602                 |
| 726       | 48                | -                                          | 3200                              | 720                 |
| 734       | 60                | -                                          | 4700                              | 766                 |
| 704       | 72                | -                                          | 7600                              | 682                 |
| 735       | 110               | -                                          | 15000                             | 807                 |
| 703       | 125               | -                                          | 20900                             | 748                 |

1) refer to 'Part code table'.

All figures are given for coil without pre-energization, at ambient temperature +23°C.

**Coil versions, DC coil, monostable**

| Coil code | Rated voltage VDC | Operate/Limiting voltage <sup>1)</sup> VDC | Coil resistance $\Omega \pm 15\%$ | Rated coil power mW |
|-----------|-------------------|--------------------------------------------|-----------------------------------|---------------------|
| 430       | 10                | -                                          | 140                               | 714                 |
| 418       | 12                | -                                          | 230                               | 626                 |
| 471       | 12                | -                                          | 220                               | 655                 |
| 479       | 16                | -                                          | 390                               | 656                 |
| 421       | 24                | -                                          | 700                               | 823                 |
| 472       | 24                | -                                          | 890                               | 647                 |
| 496       | 25                | -                                          | 730                               | 856                 |
| 473       | 60                | -                                          | 4700                              | 766                 |
| 404       | 72                | -                                          | 5800                              | 894                 |

1) refer to 'Part code table'.

All figures are given for coil without pre-energization, at ambient temperature +23°C.



**Coil data** (continued)

Terminals:

coil with 1 winding: start 4, end 1

coil with 2 windings (upon request):

start 3, end 2 for winding I, start 4, end 1 for winding II

The minimum voltage  $U_I$  depends on the contact set and the ambient temperature, the maximum voltage  $U_{II}$  only depends on the ambient temperature.

Between minimum voltage  $U_{I \text{ tamb}}$  and operating voltage  $U$  a safety margin of approx. 20% is recommended.

$U_{I \text{ tamb}} (1.2) < U_I \leq U_{II \text{ tamb}}$

$U_{I \text{ tamb}} U_I \cdot U_{20^\circ\text{C}} \cdot k_{I \text{ tamb}}$

$U_{II \text{ tamb}} U_{II \text{ } 20^\circ\text{C}} \cdot k_{II \text{ tamb}}$

tamb Ambient temperature

$U$  Operating voltage

$U_{I \text{ tamb}}$  Minimum voltage at ambient temperature, tamb

$U_{II \text{ tamb}}$  Maximum voltage at ambient temperature, tamb

$k_I$  and  $k_{II}$  Factors

**Insulation Data**

| Product code, block 3                    | B1xx, B6xx, C1xx, C4xx | F1xx                 |
|------------------------------------------|------------------------|----------------------|
| Initial dielectric strength              |                        |                      |
| between coil / frame                     | 500V <sub>rms</sub>    | 500V <sub>rms</sub>  |
| between contact / contact                | 500V <sub>rms</sub>    | 1000V <sub>rms</sub> |
| between contact / frame                  | 500V <sub>rms</sub>    | 1000V <sub>rms</sub> |
| between contact / coil                   | 1000V <sub>rms</sub>   | 1500V <sub>rms</sub> |
| Initial insulation resistance, at 500VDC | > 106Ω                 |                      |

**Other Data**

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at [www.te.com/customer-support/rohssupportcenter](http://www.te.com/customer-support/rohssupportcenter)

Ambient temperature -40 to +70°C

Category of environmental protection

IEC 61810

RT - I dust protected,

RT V - hermetically sealed

Degree of protection, IEC 60529

dust-protected IP 30,

hermetically sealed IP 67

Terminal type

PCB, plug-in, solder terminals

Weight

V23154-C0/-MO Size I

approx. 20g

V23154-D0/-NO Size II

approx. 25g

V23162-A0xxx Size I

approx. 30g

V23162-B0xxx Size II

approx. 35g

Washing

not recommended

Ultrasonic cleaning

not recommended

Packaging unit

5 pcs.

**Accessories**

For details see datasheet Cradle Relay, Accessories and Mounting

**Cradle N Relay V23154/V23162** (Continued)

**Terminal assignment**

**Size I**

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



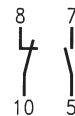
2 form A (2 NO)  
V231xx-xxxxx-F105



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

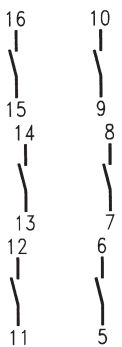


1 form A + 1 form B  
(1 NO + 1 NC)  
V231xx-xxxxx-F106



**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

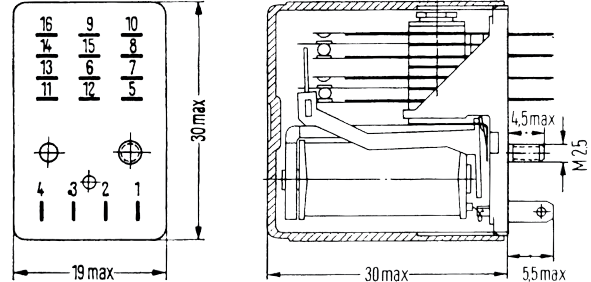


**Dimensions**

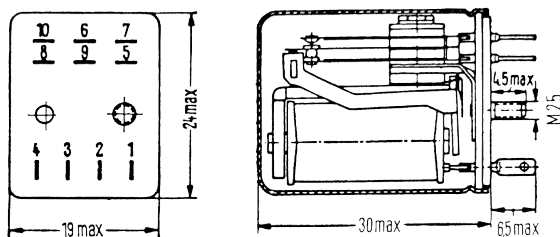
**V23154-C0xx, size I type**



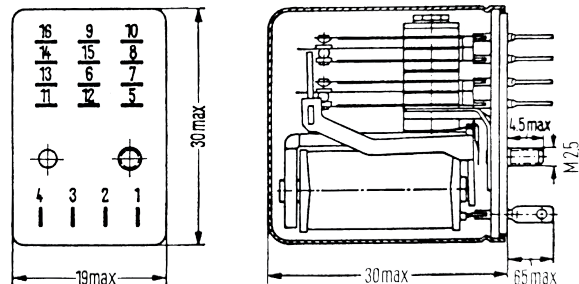
**V23154-D0xx, size II type**



**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



**Cradle N Relay V23154/V23162** (Continued)

**Product code structure**

Typical product code

**V23154**
**-D0**
**721**
**-B1**
**10**
**Type**
**V23154** Cradle N Relay, dust protected  
**V23162** Cradle N Relay, hermetically sealed

**Version**

V23154 types

**C0** Size I, for plug-in and screw fixing, hand solder terminals silver-plated, with earth terminal, dust-protected (V23154)  
**D0** Size II, for plug-in and screw fixing, hand solder terminals silver-plated, with earth terminal, dust-protected (V23154)  
**M0** Size I, for printed circuit mounting, with earth terminal, dust-protected (V23154)  
**M4** Size I, for printed circuit mounting, without earth terminal, dust-protected (V23154)  
**N0** Size II, for printed circuit mounting, with earth terminal, dust-protected (V23154)  
**N4** Size II, for printed circuit mounting, without earth terminal, dust-protected (V23154)

V23162 types

**A0** Size I, for plug-in and screw fixing, hand solder terminals tinned, hermetically sealed (V23162)  
**B0** Size II, for plug-in and screw fixing, hand solder terminals tinned, hermetically sealed (V23162)  
**H0** Size II, for plug-in and screw, fixing, hand solder terminals, gold-plated, hermetically sealed (V23162)

**Coils**

Coil code: please refer to coil versions table

**Contact style**
**B1** Single contacts      **B6** Single contacts      **F1** Single contacts  
**C1** Bifurcated contacts      **C4** Bifurcated contacts

**Contact arrangement**
**04** 2 form C, 2 CO      **05** 2 form A, 1 NO      **06** 1 form A+ 1 form B, 1 NO+ 1 NC  
**07** 2 form B, 2 NC      **10** 4 form C, 4 CO      **12** 6 form A, 6 NO

Other types on request

| Product code                         | Version          | Coil   | Operate/Lim.Arrangement | Contacts        | Terminals  | Enclosure      | PartNumber                 |
|--------------------------------------|------------------|--------|-------------------------|-----------------|------------|----------------|----------------------------|
| <b>V23154-C0XX, standard, size I</b> |                  |        |                         |                 |            |                |                            |
| V23154-C0711-B104                    | Standard, size I | 5VDC   | 1.8/7.2VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 5-1393806-3 |
| V23154-C0711-B604                    | Standard, size I | 5VDC   | 1.8/7.2VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 5-1393806-4 |
| V23154-C0712-B104                    | Standard, size I | 7VDC   | 2.7/10.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 5-1393806-5 |
| V23154-C0712-B604                    | Standard, size I | 7VDC   | 2.7/10.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 5-1393806-6 |
| V23154-C0430-B104                    | Standard, size I | 10VDC  | 7.1/16VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 2-1393806-0 |
| V23154-C0418-B104                    | Standard, size I | 12VDC  | 6.6/20.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1393806-8   |
| V23154-C0717-B104                    | Standard, size I | 12VDC  | 5.3/20VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 6-1393806-7 |
| V23154-C0717-C104                    | Standard, size I | 12VDC  | 7.1/20VDC               | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 6-1393806-8 |
| V23154-C0719-B104                    | Standard, size I | 15VDC  | 6.8/24.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 7-1393806-1 |
| V23154-C0719-B604                    | Standard, size I | 15VDC  | 6.8/24.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 7-1393806-2 |
| V23154-C0719-C104                    | Standard, size I | 15VDC  | 9.1/24.5VDC             | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 7-1393806-3 |
| V23154-C0719-C404                    | Standard, size I | 15VDC  | 9.1/24.5VDC             | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 7-1393806-4 |
| V23154-C0720-B104                    | Standard, size I | 20VDC  | 8.9/32VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 7-1393806-8 |
| V23154-C0720-B604                    | Standard, size I | 20VDC  | 8.9/32VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 7-1393806-9 |
| V23154-C0720-C104                    | Standard, size I | 20VDC  | 11.9/32VDC              | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 8-1393806-1 |
| V23154-C0421-B104                    | Standard, size I | 24VDC  | 11.2/36VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1-1393806-1 |
| V23154-C0721-B104                    | Standard, size I | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 8-1393806-6 |
| V23154-C0721-B604                    | Standard, size I | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 8-1393806-7 |
| V23154-C0721-C104                    | Standard, size I | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 8-1393806-8 |
| V23154-C0721-C404                    | Standard, size I | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 8-1393806-9 |
| V23154-C0496-C104                    | Standard, size I | 25VDC  | 20.8/36.3VDC            | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 2-1393806-5 |
| V23154-C0722-B104                    | Standard, size I | 32VDC  | 16.9/54VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 9-1393806-4 |
| V23154-C0722-B604                    | Standard, size I | 32VDC  | 16.9/54VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 9-1393806-5 |
| V23154-C0722-C104                    | Standard, size I | 32VDC  | 22.6/54VDC              | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 9-1393806-7 |
| V23154-C0722-C404                    | Standard, size I | 32VDC  | 22.6/54VDC              | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 9-1393806-8 |
| V23154-C0726-B104                    | Standard, size I | 48VDC  | 23/75VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1393807-6   |
| V23154-C0726-B604                    | Standard, size I | 48VDC  | 23/75VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1393807-7   |
| V23154-C0726-C104                    | Standard, size I | 48VDC  | 30/75VDC                | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 1393807-8   |
| V23154-C0726-C404                    | Standard, size I | 48VDC  | 30/75VDC                | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 1393807-9   |
| V23154-C0734-B104                    | Standard, size I | 60VDC  | 27/92VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1-1393807-4 |
| V23154-C0404-B104                    | Standard, size I | 72VDC  | 36/100VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1393806-2   |
| V23154-C0704-B104                    | Standard, size I | 72VDC  | 36.2/114VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 4-1393806-3 |
| V23154-C0704-B604                    | Standard, size I | 72VDC  | 36.2/114VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 4-1393806-5 |
| V23154-C0704-C104                    | Standard, size I | 72VDC  | 48.4/114VDC             | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 4-1393806-6 |
| V23154-C0704-C404                    | Standard, size I | 72VDC  | 48.4/114VDC             | 2 form C (2 CO) | Bifurcated | Plug-in/solder | Dust protected 4-1393806-7 |
| V23154-C0735-B104                    | Standard, size I | 110VDC | 49/164VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1-1393807-6 |
| V23154-C0703-B104                    | Standard, size I | 125VDC | 61/190VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 3-1393806-6 |

**Cradle N Relay V23154/V23162 (Continued)**

| Product code                          | Version           | Coil    | Operate/Lim.Arrangement | Contacts        | Terminals  | Enclosure      | PartNumber                 |
|---------------------------------------|-------------------|---------|-------------------------|-----------------|------------|----------------|----------------------------|
| <b>V23154-C0XX, 5A, size I</b>        |                   |         |                         |                 |            |                |                            |
| V23154-C0702-F106                     | 5A, size I        | 1.1VDC  | 0.4/1.7VDC              | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 3-1393806-4 |
| V23154-C0712-F105                     | 5A, size I        | 7VDC    | 2.7/10.5VDC             | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 5-1393806-7 |
| V23154-C0712-F106                     | 5A, size I        | 7VDC    | 2.7/10.5VDC             | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 5-1393806-8 |
| <b>V23154-C0XX, 5A, size I</b>        |                   |         |                         |                 |            |                |                            |
| V23154-C0715-F105                     | 5A, size I        | 9VDC    | 3.9/14VDC               | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 6-1393806-3 |
| V23154-C0717-F105                     | 5A, size I        | 12VDC   | 7.1/20VDC               | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 6-1393806-9 |
| V23154-C0717-F106                     | 5A, size I        | 12VDC   | 7.1/20VDC               | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 7-1393806-0 |
| V23154-C0719-F105                     | 5A, size I        | 14.5VDC | 6.6/24VDC               | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 7-1393806-5 |
| V23154-C0720-F105                     | 5A, size I        | 19VDC   | 8.2/31VDC               | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 8-1393806-2 |
| V23154-C0720-F106                     | 5A, size I        | 19VDC   | 8.2/31VDC               | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 8-1393806-3 |
| V23154-C0421-F105                     | 5A, size I        | 24VDC   | 15/36VDC                | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 1-1393806-3 |
| V23154-C0721-F105                     | 5A, size I        | 24VDC   | 11/40VDC                | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 9-1393806-1 |
| V23154-C0721-F106                     | 5A, size I        | 24VDC   | 11/40VDC                | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 9-1393806-2 |
| V23154-C0722-F105                     | 5A, size I        | 33VDC   | 16/54VDC                | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 1393807-2   |
| V23154-C0722-F106                     | 5A, size I        | 33VDC   | 16/54VDC                | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 1393807-3   |
| V23154-C0726-F105                     | 5A, size I        | 48VDC   | 23/75VDC                | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 1-1393807-1 |
| V23154-C0726-F106                     | 5A, size I        | 48VDC   | 30/75VDC                | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 1-1393807-2 |
| V23154-C0734-F106                     | 5A, size I        | 60VDC   | 27/92VDC                | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 1-1393807-5 |
| V23154-C0704-F105                     | 5A, size I        | 72VDC   | 36.2/114VDC             | 2 form A (2 NO) | Single     | Plug-in/solder | Dust protected 4-1393806-8 |
| V23154-C0704-F106                     | 5A, size I        | 72VDC   | 36.2/114VDC             | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 1413000-2   |
| V23154-C0735-F106                     | 5A, size I        | 110VDC  | 49/164VDC               | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 1-1393807-7 |
| V23154-C0703-F106                     | 5A, size I        | 125VDC  | 61/190VDC               | 1A+1B (1N0+1NC) | Single     | Plug-in/solder | Dust protected 4-1393806-0 |
| <b>V23154-D0XX, standard, size II</b> |                   |         |                         |                 |            |                |                            |
| V23154-D0711-B110                     | Standard, size II | 5VDC    | 2.5/7.2VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 2-1393808-8 |
| V23154-D0711-C110                     | Standard, size II | 5VDC    | 3/7.2VDC                | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 3-1393808-0 |
| V23154-D0711-C410                     | Standard, size II | 5VDC    | 3/7.2VDC                | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 3-1393808-1 |
| V23154-D0712-B110                     | Standard, size II | 7VDC    | 3.6/10.5VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393808-3 |
| V23154-D0712-B610                     | Standard, size II | 7VDC    | 3.6/10.5VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393808-4 |
| V23154-D0712-C110                     | Standard, size II | 7VDC    | 4.4/10.5VDC             | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 3-1393808-5 |
| V23154-D0715-B110                     | Standard, size II | 8.5VDC  | 4.8/14VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393808-8 |
| V23154-D0715-B610                     | Standard, size II | 8.5VDC  | 4.8/14VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393808-9 |
| V23154-D0715-C110                     | Standard, size II | 8.5VDC  | 5.8/14VDC               | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 4-1393808-0 |
| V23154-D0716-B110                     | Standard, size II | 10VDC   | 5.8/16.5VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 4-1393808-3 |
| V23154-D0716-B610                     | Standard, size II | 10VDC   | 5.8/16.5VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 4-1393808-5 |
| V23154-D0716-C110                     | Standard, size II | 10VDC   | 7.1/16.5VDC             | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 4-1393808-6 |
| V23154-D0418-B110                     | Standard, size II | 12VDC   | 8.8/20.5VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393807-0 |
| V23154-D0717-B110                     | Standard, size II | 12VDC   | 7.1/20VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 4-1393808-9 |
| V23154-D0717-B112                     | Standard, size II | 12VDC   | 7.1/20VDC               | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 5-1393808-0 |
| V23154-D0717-B610                     | Standard, size II | 12VDC   | 7.1/20VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 8-1422029-2 |
| V23154-D0717-C110                     | Standard, size II | 12VDC   | 10.5/20VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 5-1393808-3 |
| V23154-D0719-B110                     | Standard, size II | 15VDC   | 9.1/24.5VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 5-1393808-6 |
| V23154-D0719-B112                     | Standard, size II | 15VDC   | 9.1/24.5VDC             | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 5-1393808-7 |
| V23154-D0719-B610                     | Standard, size II | 15VDC   | 9.1/24.5VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 6-1393808-1 |
| V23154-D0719-C110                     | Standard, size II | 15VDC   | 11/24.5VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 1413000-3   |
| V23154-D0479-B110                     | Standard, size II | 16VDC   | 15.2/27VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 7-1393807-5 |
| <b>V23154-D0XX, standard, size II</b> |                   |         |                         |                 |            |                |                            |
| V23154-D0479-C110                     | Standard, size II | 16VDC   | 18.9/27VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 7-1393807-8 |
| V23154-D0720-B110                     | Standard, size II | 20VDC   | 11.9/32VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 6-1393808-5 |
| V23154-D0720-B112                     | Standard, size II | 20VDC   | 11.9/32VDC              | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 6-1393808-6 |
| V23154-D0720-B610                     | Standard, size II | 20VDC   | 11.9/32VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 6-1393808-9 |
| V23154-D0720-C110                     | Standard, size II | 20VDC   | 14.4/32VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 7-1393808-0 |
| V23154-D0720-C112                     | Standard, size II | 20VDC   | 14.4/32VDC              | 6 form A (6 NO) | Bifurcated | Plug-in/solder | Dust protected 7-1393808-1 |
| V23154-D0720-C410                     | Standard, size II | 20VDC   | 14.4/32VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 7-1393808-3 |
| V23154-D0421-B110                     | Standard, size II | 24VDC   | 15/36VDC                | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393807-7 |
| V23154-D0421-B612                     | Standard, size II | 24VDC   | 15/36VDC                | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 4-1393807-1 |
| V23154-D0421-C110                     | Standard, size II | 24VDC   | 18.2/36VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 4-1393807-2 |
| V23154-D0421-C410                     | Standard, size II | 24VDC   | 18.2/36VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 4-1393807-3 |
| V23154-D0721-B110                     | Standard, size II | 24VDC   | 14.5/40VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 8-1393808-3 |
| V23154-D0721-B112                     | Standard, size II | 24VDC   | 14.5/40VDC              | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 8-1393808-4 |
| V23154-D0721-B610                     | Standard, size II | 24VDC   | 14.5/40VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 9-1393808-2 |
| V23154-D0721-B612                     | Standard, size II | 24VDC   | 14.5/40VDC              | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 9-1393808-3 |
| V23154-D0721-C110                     | Standard, size II | 24VDC   | 22/40VDC                | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 9-1393808-5 |
| V23154-D0721-C112                     | Standard, size II | 24VDC   | 18/40VDC                | 6 form A (6 NO) | Bifurcated | Plug-in/solder | Dust protected 9-1393808-6 |
| V23154-D0721-C410                     | Standard, size II | 24VDC   | 18/40VDC                | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 9-1393808-9 |
| V23154-D0496-B110                     | Standard, size II | 25VDC   | 20.8/36.3VDC            | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 8-1393807-2 |
| V23154-D0496-B112                     | Standard, size II | 25VDC   | 20.8/36.3VDC            | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 8-1393807-3 |
| V23154-D0722-B110                     | Standard, size II | 32VDC   | 22.6/54VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 1-1393809-4 |
| V23154-D0722-B112                     | Standard, size II | 32VDC   | 22.6/54VDC              | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 1-1393809-5 |
| V23154-D0722-B610                     | Standard, size II | 32VDC   | 22.6/54VDC              | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 2-1393809-1 |
| V23154-D0722-C110                     | Standard, size II | 32VDC   | 33.8/54VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 2-1393809-2 |
| V23154-D0722-C410                     | Standard, size II | 32VDC   | 33.8/54VDC              | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 2-1393809-3 |
| V23154-D0726-B110                     | Standard, size II | 48VDC   | 30/75VDC                | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393809-2 |
| V23154-D0726-B112                     | Standard, size II | 48VDC   | 30/75VDC                | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 3-1393809-4 |
| V23154-D0726-B610                     | Standard, size II | 48VDC   | 30/75VDC                | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 3-1393809-8 |

**Cradle N Relay V23154/V23162 (Continued)**

| Product code                          | Version           | Coil   | Operate/Lim.Arrangement | Contacts        | Terminals  | Enclosure      | PartNumber                 |
|---------------------------------------|-------------------|--------|-------------------------|-----------------|------------|----------------|----------------------------|
| <b>V23154-D0XX, standard, size II</b> |                   |        |                         |                 |            |                |                            |
| V23154-D0726-C110                     | Standard, size II | 48VDC  | 45/75VDC                | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 3-1393809-9 |
| V23154-D0726-C112                     | Standard, size II | 48VDC  | 37/75VDC                | 6 form A (6 NO) | Bifurcated | Plug-in/solder | Dust protected 4-1393809-0 |
| V23154-D0726-C410                     | Standard, size II | 48VDC  | 37/75VDC                | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 4-1393809-2 |
| V23154-D0734-B110                     | Standard, size II | 60VDC  | 36/92VDC                | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 5-1393809-6 |
| V23154-D0734-B610                     | Standard, size II | 60VDC  | 36/92VDC                | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 5-1393809-7 |
| V23154-D0734-C410                     | Standard, size II | 60VDC  | 43/92VDC                | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 5-1393809-8 |
| V23154-D0404-B110                     | Standard, size II | 72VDC  | 48/100VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 1-1393807-8 |
| V23154-D0404-B112                     | Standard, size II | 72VDC  | 48/100VDC               | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 1-1393807-9 |
| V23154-D0404-B610                     | Standard, size II | 72VDC  | 48/100VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 2-1393807-1 |
| V23154-D0704-B110                     | Standard, size II | 72VDC  | 48.4/114VDC             | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 1393808-6   |
| V23154-D0704-B112                     | Standard, size II | 72VDC  | 48.4/114VDC             | 6 form A (6 NO) | Single     | Plug-in/solder | Dust protected 1393808-8   |
| V23154-D0704-C110                     | Standard, size II | 72VDC  | 58.7/114VDC             | 4 form C (4 CO) | Bifurcated | Plug-in/solder | Dust protected 1-1393808-6 |
| V23154-D0704-C112                     | Standard, size II | 72VDC  | 58.7/114VDC             | 6 form A (6 NO) | Bifurcated | Plug-in/solder | Dust protected 1-1393808-7 |
| V23154-D0735-B110                     | Standard, size II | 110VDC | 65/164VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 6-1393809-2 |
| V23154-D0735-B610                     | Standard, size II | 110VDC | 65/164VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 6-1393809-4 |
| V23154-D0703-B110                     | Standard, size II | 125VDC | 81/190VDC               | 4 form C (4 CO) | Single     | Plug-in/solder | Dust protected 1393808-1   |
| <b>V23154-D0XX, 5A, size</b>          |                   |        |                         |                 |            |                |                            |
| V23154-D0711-F104                     | 5A, size II       | 5VDC   | 1.8/7.2VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 3-1393808-2 |
| V23154-C0712-B104                     | 5A, size II       | 7VDC   | 3.6/10.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 3-1393808-6 |
| V23154-D0418-F104                     | 5A, size II       | 12VDC  | 6.6/20.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 3-1393807-1 |
| V23154-D0717-F104                     | 5A, size II       | 12VDC  | 7.1/20VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 5-1393808-4 |
| V23154-D0719-F104                     | 5A, size II       | 15VDC  | 6.8/24.5VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 6-1393808-2 |
| V23154-D0720-F104                     | 5A, size II       | 20VDC  | 11.9/32VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 7-1393808-6 |
| V23154-D0421-F104                     | 5A, size II       | 24VDC  | 15/36VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 4-1393807-4 |
| V23154-D0721-F104                     | 5A, size II       | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1393809-1   |
| V23154-D0722-F104                     | 5A, size II       | 32VDC  | 22.6/54VDC              | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 2-1393809-4 |
| V23154-D0726-F104                     | 5A, size II       | 48VDC  | 30/75VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 4-1393809-4 |
| V23154-D0734-F104                     | 5A, size II       | 60VDC  | 27/92VDC                | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 6-1393809-0 |
| V23154-D0404-F104                     | 5A, size II       | 72VDC  | 36/100VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 2-1393807-2 |
| V23154-D0704-F104                     | 5A, size II       | 72VDC  | 48.4/114VDC             | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1-1393808-9 |
| V23154-D0735-F104                     | 5A, size II       | 110VDC | 65/164VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 6-1393809-5 |
| V23154-D0703-F104                     | 5A, size II       | 125VDC | 81/190VDC               | 2 form C (2 CO) | Single     | Plug-in/solder | Dust protected 1393808-4   |
| <b>V23154-M0XX, standard, size I</b>  |                   |        |                         |                 |            |                |                            |
| V23154-M0712-B104                     | Standard, size I  | 7VDC   | 2.7/10.5VDC             | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 1-1393810-8 |
| V23154-M0717-B104                     | Standard, size I  | 12VDC  | 5.3/20VDC               | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 2-1393810-1 |
| V23154-M0717-C104                     | Standard, size I  | 12VDC  | 7.1/20VDC               | 2 form C (2 CO) | Bifurcated | PCB, earth t.  | Dust protected 2-1393810-2 |
| V23154-M0719-B104                     | Standard, size I  | 15VDC  | 6.8/24.5VDC             | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 2-1393810-3 |
| V23154-M0719-C104                     | Standard, size I  | 15VDC  | 9.1/24.5VDC             | 2 form C (2 CO) | Bifurcated | PCB, earth t.  | Dust protected 2-1393810-4 |
| <b>V23154-M0XX, standard, size I</b>  |                   |        |                         |                 |            |                |                            |
| V23154-M0720-B104                     | Standard, size I  | 20VDC  | 8.9/32VDC               | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 2-1393810-5 |
| V23154-M0720-B604                     | Standard, size I  | 20VDC  | 8.9/32VDC               | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 2-1393810-6 |
| V23154-M0721-B104                     | Standard, size I  | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 2-1393810-7 |
| V23154-M0721-B604                     | Standard, size I  | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 2-1393810-9 |
| V23154-M0721-C104                     | Standard, size I  | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Bifurcated | PCB, earth t.  | Dust protected 3-1393810-0 |
| V23154-M0722-B104                     | Standard, size I  | 32VDC  | 16.9/54VDC              | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 3-1393810-4 |
| V23154-M0722-B604                     | Standard, size I  | 32VDC  | 16.9/54VDC              | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 3-1393810-5 |
| V23154-M0722-C104                     | Standard, size I  | 33VDC  | 22.6/54VDC              | 2 form C (2 CO) | Bifurcated | PCB, earth t.  | Dust protected 2-1419172-5 |
| V23154-M0722-C404                     | Standard, size I  | 33VDC  | 22.6/54VDC              | 2 form C (2 CO) | Bifurcated | PCB, earth t.  | Dust protected 3-1393810-6 |
| V23154-M0726-B104                     | Standard, size I  | 48VDC  | 23/75VDC                | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 3-1393810-8 |
| V23154-M0726-C104                     | Standard, size I  | 48VDC  | 30/75VDC                | 2 form C (2 CO) | Bifurcated | PCB, earth t.  | Dust protected 4-1393810-0 |
| V23154-M0704-B104                     | Standard, size I  | 72VDC  | 36.2/114VDC             | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 1-1393810-5 |
| V23154-M0703-B104                     | Standard, size I  | 125VDC | 61/190VDC               | 2 form C (2 CO) | Single     | PCB, earth t.  | Dust protected 1-1393810-4 |
| <b>V23154-M0XX, 5A, size I</b>        |                   |        |                         |                 |            |                |                            |
| V23154-M0720-F105                     | 5A, size I        | 19VDC  | 8.2/31VDC               | 2 form A (2 NO) | Single     | PCB, earth t.  | Dust protected 2-1422030-5 |
| V23154-M0721-F105                     | 5A, size I        | 24VDC  | 11/40VDC                | 2 form A (2 NO) | Single     | PCB, earth t.  | Dust protected 3-1393810-2 |
| V23154-M0721-F106                     | 5A, size I        | 24VDC  | 11/40VDC                | 1A+1B           | Single     | PCB, earth t.  | Dust protected 3-1393810-3 |
| V23154-M0722-F106                     | 5A, size I        | 33VDC  | 16/54VDC                | 1A+1B           | Single     | PCB, earth t.  | Dust protected 3-1393810-7 |
| V23154-M0726-F106                     | 5A, size I        | 48VDC  | 23/75VDC                | 1A+1B           | Single     | PCB, earth t.  | Dust protected 4-1393810-1 |
| <b>V23154-M4XX, standard, size I</b>  |                   |        |                         |                 |            |                |                            |
| V23154-M4717-C104                     | Standard, size I  | 12VDC  | 7.1/20VDC               | 2 form C (2 CO) | Bifurcated | PCB            | Dust protected 4-1393810-5 |
| V23154-M4719-C104                     | Standard, size I  | 15VDC  | 9.1/24.5VDC             | 2 form C (2 CO) | Bifurcated | PCB            | Dust protected 4-1393810-6 |
| V23154-M4721-C104                     | Standard, size I  | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Bifurcated | PCB            | Dust protected 4-1393810-7 |
| <b>V23154-M4XX, 5A, size I</b>        |                   |        |                         |                 |            |                |                            |
| V23154-M4721-F106                     | 5A, size I        | 24VDC  | 11/40VDC                | 1A+1B           | Single     | PCB            | Dust protected 2-1422030-4 |

**Cradle N Relay V23154/V23162 (Continued)**

| Product code                          | Version           | Coil   | Operate/Lim.Arrangement | Contacts        | Terminals  | Enclosure     | PartNumber                 |
|---------------------------------------|-------------------|--------|-------------------------|-----------------|------------|---------------|----------------------------|
| <b>V23154-N0XX, standard, size II</b> |                   |        |                         |                 |            |               |                            |
| V23154-N0712-B110                     | Standard, size II | 7VDC   | 3.6/10.5VDC             | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 5-1393810-4 |
| V23154-N0716-C110                     | Standard, size II | 10VDC  | 7.1/16.5VDC             | 4 form C (4 CO) | Bifurcated | PCB, earth t. | Dust protected 5-1393810-8 |
| V23154-N0717-B110                     | Standard, size II | 12VDC  | 7.1/20VDC               | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 5-1393810-9 |
| V23154-N0719-B110                     | Standard, size II | 15VDC  | 9.1/24.5VDC             | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 6-1393810-3 |
| V23154-N0720-B110                     | Standard, size II | 20VDC  | 11.9/32VDC              | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 6-1393810-4 |
| V23154-N0720-B610                     | Standard, size II | 20VDC  | 11.9/32VDC              | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 6-1393810-5 |
| V23154-N0720-C110                     | Standard, size II | 20VDC  | 17.7/32VDC              | 4 form C (4 CO) | Bifurcated | PCB, earth t. | Dust protected 6-1393810-6 |
| V23154-N0720-C112                     | Standard, size II | 20VDC  | 14.4/32VDC              | 6 form A (6 NO) | Bifurcated | PCB, earth t. | Dust protected 6-1393810-7 |
| V23154-N0720-C410                     | Standard, size II | 20VDC  | 17.7/32VDC              | 4 form C (4 CO) | Bifurcated | PCB, earth t. | Dust protected 6-1393810-8 |
| V23154-N0721-B110                     | Standard, size II | 24VDC  | 14.5/40VDC              | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 7-1393810-0 |
| V23154-N0721-B112                     | Standard, size II | 24VDC  | 14.5/40VDC              | 6 form A (6 NO) | Single     | PCB, earth t. | Dust protected 7-1393810-1 |
| V23154-N0721-B610                     | Standard, size II | 24VDC  | 14.5/40VDC              | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 7-1393810-2 |
| V23154-N0721-C110                     | Standard, size II | 24VDC  | 22/40VDC                | 4 form C (4 CO) | Bifurcated | PCB, earth t. | Dust protected 7-1393810-3 |
| V23154-N0722-B110                     | Standard, size II | 32VDC  | 22.6/54VDC              | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 7-1393810-6 |
| V23154-N0722-C110                     | Standard, size II | 32VDC  | 33.8/54VDC              | 4 form C (4 CO) | Bifurcated | PCB, earth t. | Dust protected 7-1393810-7 |
| V23154-N0722-C112                     | Standard, size II | 32VDC  | 27.4/54VDC              | 6 form A (6 NO) | Bifurcated | PCB, earth t. | Dust protected 7-1393810-8 |
| V23154-N0726-B110                     | Standard, size II | 48VDC  | 30/75VDC                | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 8-1393810-0 |
| V23154-N0726-C110                     | Standard, size II | 48VDC  | 45/75VDC                | 4 form C (4 CO) | Bifurcated | PCB, earth t. | Dust protected 8-1393810-2 |
| V23154-N0734-B110                     | Standard, size II | 60VDC  | 36/92VDC                | 4 form C (4 CO) | Single     | PCB, earth t. | Dust protected 8-1393810-9 |
| V23154-N0404-B110                     | Standard, size II | 72VDC  | 48/100VDC               | 4 form C (4 CO) | Single     | PCB           | Dust protected 4-1393810-8 |
| <b>V23154-N0XX, 5A, size II</b>       |                   |        |                         |                 |            |               |                            |
| V23154-N0717-F104                     | 5A, size II       | 12VDC  | 5.3/20VDC               | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 6-1393810-1 |
| V23154-N0720-F104                     | 5A, size II       | 20VDC  | 8.9/32VDC               | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 6-1393810-9 |
| V23154-N0721-F104                     | 5A, size II       | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 7-1393810-5 |
| V23154-N0722-F104                     | 5A, size II       | 32VDC  | 16.9/54VDC              | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 7-1393810-9 |
| V23154-N0726-F104                     | 5A, size II       | 48VDC  | 23/75VDC                | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 8-1393810-7 |
| V23154-N0734-F104                     | 5A, size II       | 60VDC  | 27/92VDC                | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 9-1393810-0 |
| V23154-N0704-F104                     | 5A, size II       | 72VDC  | 36.2/114VDC             | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 1422030-1   |
| V23154-N0703-F104                     | 5A, size II       | 125VDC | 61/190VDC               | 2 form C (2 CO) | Single     | PCB, earth t. | Dust protected 5-1393810-1 |
| <b>V23154-N4XX, standard, size II</b> |                   |        |                         |                 |            |               |                            |
| V23154-N4716-C110                     | Standard, size II | 10VDC  | 9/16.5VDC               | 4 form C (4 CO) | Bifurcated | PCB           | Dust protected 1393811-1   |
| V23154-N4720-B110                     | Standard, size II | 20VDC  | 11.9/32VDC              | 4 form C (4 CO) | Single     | PCB           | Dust protected 1393811-2   |
| V23154-N4721-C110                     | Standard, size II | 24VDC  | 22/40VDC                | 4 form C (4 CO) | Bifurcated | PCB           | Dust protected 1393811-7   |
| V23154-N4726-B110                     | Standard, size II | 48VDC  | 30/75VDC                | 4 form C (4 CO) | Single     | PCB           | Dust protected 1-1393811-0 |
| V23154-N4734-B110                     | Standard, size II | 60VDC  | 36/92VDC                | 4 form C (4 CO) | Single     | PCB           | Dust protected 1-1393811-1 |
| <b>V23154-N4XX, 5A, size II</b>       |                   |        |                         |                 |            |               |                            |
| V23154-N4721-F104                     | 5A, size II       | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | PCB           | Dust protected 1393811-8   |
| V23154-N4734-F104                     | 5A, size II       | 60VDC  | 27/92VDC                | 2 form C (2 CO) | Single     | PCB           | Dust protected 1-1393811-2 |
| V23154-N4735-F104                     | 5A, size II       | 110VDC | 49/164VDC               | 2 form C (2 CO) | Single     | PCB           | Dust protected 1-1393811-3 |
| <b>V23162-A0XX, standard, size I</b>  |                   |        |                         |                 |            |               |                            |
| V23162-A0711-B104                     | Standard, size I  | 5VDC   | 1.8/7.2VDC              | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 2-1393818-5 |
| V23162-A0717-B104                     | Standard, size I  | 12VDC  | 5.3/20VDC               | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 2-1393818-8 |
| V23162-A0717-B604                     | Standard, size I  | 12VDC  | 5.3/20VDC               | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 2-1393818-9 |
| V23162-A0719-B104                     | Standard, size I  | 15VDC  | 6.8/24.5VDC             | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 3-1393818-2 |
| V23162-A0720-B104                     | Standard, size I  | 20VDC  | 8.9/32VDC               | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 3-1393818-3 |
| V23162-A0720-B604                     | Standard, size I  | 20VDC  | 8.9/32VDC               | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 3-1393818-4 |
| V23162-A0720-C104                     | Standard, size I  | 20VDC  | 11.9/32VDC              | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 3-1393818-5 |
| V23162-A0720-C404                     | Standard, size I  | 20VDC  | 11.9/32VDC              | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 3-1393818-6 |
| V23162-A0421-B104                     | Standard, size I  | 24VDC  | 11.2/36VDC              | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 1393818-6   |
| V23162-A0421-B604                     | Standard, size I  | 24VDC  | 11.2/36VDC              | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 1393818-7   |
| V23162-A0721-B104                     | Standard, size I  | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 3-1393818-7 |
| V23162-A0721-B604                     | Standard, size I  | 24VDC  | 11/40VDC                | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 3-1393818-8 |
| V23162-A0721-C104                     | Standard, size I  | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 4-1393818-0 |
| V23162-A0721-C404                     | Standard, size I  | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 4-1393818-1 |
| V23162-A0722-B104                     | Standard, size I  | 32VDC  | 16.9/54VDC              | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 4-1393818-6 |
| V23162-A0722-B604                     | Standard, size I  | 32VDC  | 16.9/54VDC              | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 4-1393818-7 |
| V23162-A0722-C104                     | Standard, size I  | 32VDC  | 22.6/54VDC              | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 4-1393818-8 |
| V23162-A0726-B104                     | Standard, size I  | 48VDC  | 23/75VDC                | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 5-1393818-1 |
| V23162-A0726-B604                     | Standard, size I  | 48VDC  | 23/75VDC                | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 5-1393818-2 |
| V23162-A0726-C404                     | Standard, size I  | 48VDC  | 30/75VDC                | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 5-1393818-3 |
| V23162-A0735-C104                     | Standard, size I  | 48VDC  | 30/75VDC                | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 5-1393818-5 |
| V23162-A0404-B104                     | Standard, size I  | 72VDC  | 36/100VDC               | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 1393818-1   |
| <b>V23162-A0XX, standard, size I</b>  |                   |        |                         |                 |            |               |                            |
| V23162-A0404-B604                     | Standard, size I  | 72VDC  | 36/100VDC               | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 1419147-6   |
| V23162-A0704-B104                     | Standard, size I  | 72VDC  | 36.2/114VDC             | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 1-1393818-9 |
| V23162-A0704-B604                     | Standard, size I  | 72VDC  | 36.2/114VDC             | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 2-1393818-0 |
| V23162-A0704-C404                     | Standard, size I  | 72VDC  | 48.4/114VDC             | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 2-1393818-2 |
| V23162-A0735-C404                     | Standard, size I  | 110VDC | 65/164VDC               | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 5-1393818-6 |
| V23162-A0703-B104                     | Standard, size I  | 125VDC | 61/190VDC               | 2 form C (2 CO) | Single     | Solder        | Hermet. sealed 1-1393818-6 |
| V23162-A0703-C404                     | Standard, size I  | 125VDC | 81/190VDC               | 2 form C (2 CO) | Bifurcated | Solder        | Hermet. sealed 1-1393818-7 |

**Cradle N Relay V23154/V23162 (Continued)**

| Product code                   | Version           | Coil   | Operate/Lim.Arrangement | Contacts        | Terminals  | Enclosure      | PartNumber     |             |
|--------------------------------|-------------------|--------|-------------------------|-----------------|------------|----------------|----------------|-------------|
| V23162-A0XX, 5A, size I        |                   |        |                         |                 |            |                |                |             |
| V23162-A0702-F106              | 5A, size I        | 1.1VDC | 0.5/1.7VDC              | 1A+1B           | Single     | Solder         | Hermet. sealed | 1-1393818-5 |
| V23162-A0717-F105              | 5A, size I        | 12VDC  | 5.3/20VDC               | 2 form A (2 NO) | Single     | Solder         | Hermet. sealed | 3-1393818-0 |
| V23162-A0717-F106              | 5A, size I        | 12VDC  | 7.1/20VDC               | 1A+1B           | Single     | Solder         | Hermet. sealed | 3-1393818-1 |
| V23162-A0721-F105              | 5A, size I        | 24VDC  | 11/40VDC                | 2 form A (2 NO) | Single     | Solder         | Hermet. sealed | 4-1393818-3 |
| V23162-A0721-F106              | 5A, size I        | 24VDC  | 14.5/40VDC              | 1A+1B           | Single     | Solder         | Hermet. sealed | 4-1393818-4 |
| V23162-A0722-F105              | 5A, size I        | 33VDC  | 16/54VDC                | 2 form A (2 NO) | Single     | Solder         | Hermet. sealed | 5-1393818-0 |
| V23162-A0726-F106              | 5A, size I        | 48VDC  | 30/75VDC                | 1A+1B           | Single     | Solder         | Hermet. sealed | 5-1393818-4 |
| V23162-A0404-F106              | 5A, size I        | 72VDC  | 48/100VDC               | 1A+1B           | Single     | Solder         | Hermet. sealed | 1393818-2   |
| V23162-A0704-F105              | 5A, size I        | 72VDC  | 36.2/114VDC             | 2 form A (2 NO) | Single     | Solder         | Hermet. sealed | 2-1393818-3 |
| V23162-A0704-F106              | 5A, size I        | 72VDC  | 48.4/114VDC             | 1A+1B           | Single     | Solder         | Hermet. sealed | 2-1393818-4 |
| V23162-A0703-F106              | 5A, size I        | 125VDC | 81/190VDC               | 1A+1B           | Single     | Solder         | Hermet. sealed | 1-1393818-8 |
| V23162-B0XX, standard, size II |                   |        |                         |                 |            |                |                |             |
| V23162-B0712-B110              | Standard, size II | 7VDC   | 3.6/10.5VDC             | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 8-1393818-1 |
| V23162-B0715-C110              | Standard, size II | 8.5VDC | 7.6/14VDC               | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 8-1393818-4 |
| V23162-B0716-B110              | Standard, size II | 10VDC  | 5.8/16.5VDC             | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 8-1393818-5 |
| V23162-B0717-B110              | Standard, size II | 12VDC  | 7.1/20VDC               | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 8-1393818-7 |
| V23162-B0717-B610              | Standard, size II | 12VDC  | 7.1/20VDC               | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 8-1393818-8 |
| V23162-B0717-C112              | Standard, size II | 12VDC  | 8.7/20VDC               | 6 form A (6 NO) | Bifurcated | Solder         | Hermet. sealed | 8-1393818-9 |
| V23162-B0719-B110              | Standard, size II | 15VDC  | 9.1/24.5VDC             | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 9-1393818-1 |
| V23162-B0720-B110              | Standard, size II | 20VDC  | 11.9/32VDC              | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 9-1393818-4 |
| V23162-B0720-B112              | Standard, size II | 20VDC  | 11.9/32VDC              | 6 form A (6 NO) | Single     | Solder         | Hermet. sealed | 9-1393818-5 |
| V23162-B0720-B610              | Standard, size II | 20VDC  | 11.9/32VDC              | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 9-1393818-7 |
| V23162-B0720-C110              | Standard, size II | 20VDC  | 17.7/32VDC              | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 9-1393818-8 |
| V23162-B0720-C112              | Standard, size II | 20VDC  | 14.4/32VDC              | 6 form A (6 NO) | Bifurcated | Solder         | Hermet. sealed | 9-1393818-9 |
| V23162-B0720-C410              | Standard, size II | 20VDC  | 17.7/32VDC              | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 1393819-1   |
| V23162-B0421-B110              | Standard, size II | 24VDC  | 15/36VDC                | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 6-1393818-1 |
| V23162-B0421-B610              | Standard, size II | 24VDC  | 15/36VDC                | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 6-1393818-3 |
| V23162-B0721-B110              | Standard, size II | 24VDC  | 14.5/40VDC              | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 1393819-4   |
| V23162-B0721-B112              | Standard, size II | 24VDC  | 14.5/40VDC              | 6 form A (6 NO) | Single     | Solder         | Hermet. sealed | 1393819-5   |
| V23162-B0721-B610              | Standard, size II | 24VDC  | 14.5/40VDC              | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 1-1393819-0 |
| V23162-B0721-C110              | Standard, size II | 24VDC  | 22/40VDC                | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 1-1393819-2 |
| V23162-B0721-C410              | Standard, size II | 24VDC  | 22/40VDC                | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 1-1393819-3 |
| V23162-B0722-B110              | Standard, size II | 32VDC  | 22.6/54VDC              | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 1-1393819-5 |
| V23162-B0722-B112              | Standard, size II | 32VDC  | 22.6/54VDC              | 6 form A (6 NO) | Single     | Solder         | Hermet. sealed | 1-1393819-6 |
| V23162-B0722-B610              | Standard, size II | 32VDC  | 22.6/54VDC              | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 1-1393819-7 |
| V23162-B0722-C410              | Standard, size II | 32VDC  | 33.8/54VDC              | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 1-1393819-8 |
| V23162-B0726-B110              | Standard, size II | 48VDC  | 30/75VDC                | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 2-1393819-0 |
| V23162-B0726-B112              | Standard, size II | 48VDC  | 30/75VDC                | 6 form A (6 NO) | Single     | Solder         | Hermet. sealed | 2-1393819-1 |
| V23162-B0726-B610              | Standard, size II | 48VDC  | 30/75VDC                | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 2-1393819-3 |
| V23162-B0XX, standard, size II |                   |        |                         |                 |            |                |                |             |
| V23162-B0726-C110              | Standard, size II | 48VDC  | 45/75VDC                | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 2-1393819-6 |
| V23162-B0734-B610              | Standard, size II | 60VDC  | 36/92VDC                | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 2-1393819-9 |
| V23162-B0404-B110              | Standard, size II | 72VDC  | 48/100VDC               | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 5-1393818-7 |
| V23162-B0704-B110              | Standard, size II | 72VDC  | 48.4/114VDC             | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 7-1393818-6 |
| V23162-B0704-B112              | Standard, size II | 72VDC  | 48.4/114VDC             | 6 form A (6 NO) | Single     | Solder         | Hermet. sealed | 7-1393818-7 |
| V23162-B0704-B610              | Standard, size II | 72VDC  | 48.4/114VDC             | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 7-1393818-8 |
| V23162-B0735-B110              | Standard, size II | 110VDC | 65/164VDC               | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 3-1393819-0 |
| V23162-B0735-B610              | Standard, size II | 110VDC | 65/164VDC               | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 3-1393819-1 |
| V23162-B0735-C110              | Standard, size II | 110VDC | 98/164VDC               | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 3-1393819-2 |
| V23162-B0735-C410              | Standard, size II | 110VDC | 98/164VDC               | 4 form C (4 CO) | Bifurcated | Solder         | Hermet. sealed | 3-1393819-3 |
| V23162-B0703-B110              | Standard, size II | 125VDC | 81/190VDC               | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 7-1393818-3 |
| V23162-B0703-B610              | Standard, size II | 125VDC | 81/190VDC               | 4 form C (4 CO) | Single     | Solder         | Hermet. sealed | 7-1393818-4 |
| V23162-B0XX, 5A, size II       |                   |        |                         |                 |            |                |                |             |
| V23162-B0712-F104              | 5A, size II       | 7VDC   | 3.6/10.5VDC             | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 8-1393818-2 |
| V23162-B0717-F104              | 5A, size II       | 12VDC  | 7.1/20VDC               | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 9-1393818-0 |
| V23162-B0719-F104              | 5A, size II       | 15VDC  | 9.1/24.5VDC             | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 9-1393818-3 |
| V23162-B0720-F104              | 5A, size II       | 20VDC  | 11.9/32VDC              | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 1393819-2   |
| V23162-B0421-F104              | 5A, size II       | 24VDC  | 15/36VDC                | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 6-1393818-4 |
| V23162-B0721-F104              | 5A, size II       | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 1-1393819-4 |
| V23162-B0722-F104              | 5A, size II       | 32VDC  | 22.6/54VDC              | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 1-1393819-9 |
| V23162-B0726-F104              | 5A, size II       | 48VDC  | 30/75VDC                | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 2-1393819-7 |
| V23162-B0704-F104              | 5A, size II       | 72VDC  | 48.4/114VDC             | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 8-1393818-0 |
| V23162-B0735-F104              | 5A, size II       | 110VDC | 65/164VDC               | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 3-1393819-4 |
| V23162-B0703-F104              | 5A, size II       | 125VDC | 81/190VDC               | 2 form C (2 CO) | Single     | Solder         | Hermet. sealed | 7-1393818-5 |
| V23162-H0XX, standard, size II |                   |        |                         |                 |            |                |                |             |
| V23162-H0715-B110              | Standard, size II | 8.5VDC | 5.1/14VDC               | 4 form C (4 CO) | Single     | Solder, Au pl. | Hermet. sealed | 4-1393819-2 |
| V23162-H0720-B110              | Standard, size II | 20VDC  | 11.9/32VDC              | 4 form C (4 CO) | Single     | Solder, Au pl. | Hermet. sealed | 4-1393819-4 |
| V23162-H0720-B610              | Standard, size II | 20VDC  | 11.9/32VDC              | 4 form C (4 CO) | Single     | Solder, Au pl. | Hermet. sealed | 4-1393819-6 |
| V23162-H0720-C410              | Standard, size II | 20VDC  | 17.7/32VDC              | 4 form C (4 CO) | Bifurcated | Solder, Au pl. | Hermet. sealed | 4-1393819-7 |
| V23162-H0421-B610              | Standard, size II | 24VDC  | 15/36VDC                | 4 form C (4 CO) | Single     | Solder, Au pl. | Hermet. sealed | 3-1393819-7 |
| V23162-H0721-B110              | Standard, size II | 24VDC  | 14.5/40VDC              | 4 form C (4 CO) | Single     | Solder, Au pl. | Hermet. sealed | 4-1393819-9 |
| V23162-H0721-B610              | Standard, size II | 24VDC  | 14.5/40VDC              | 4 form C (4 CO) | Single     | Solder, Au pl. | Hermet. sealed | 5-1393819-0 |
| V23162-H0721-C410              | Standard, size II | 24VDC  | 22/40VDC                | 4 form C (4 CO) | Bifurcated | Solder, Au pl. | Hermet. sealed | 5-1393819-1 |
| V23162-H0722-C110              | Standard, size II | 32VDC  | 33.8/54VDC              | 4 form C (4 CO) | Bifurcated | Solder, Au pl. | Hermet. sealed | 5-1393819-3 |
| V23162-H0722-C410              | Standard, size II | 32VDC  | 33.8/54VDC              | 4 form C (4 CO) | Bifurcated | Solder, Au pl. | Hermet. sealed | 5-1393819-4 |

**Cradle N Relay V23154/V23162** (Continued)

| Product code             | Version     | Coil   | Operate/Lim.Arrangement | Contacts        | Terminals | Enclosure      | PartNumber     |             |
|--------------------------|-------------|--------|-------------------------|-----------------|-----------|----------------|----------------|-------------|
| V23162-H0XX, 5A, size II |             |        |                         |                 |           |                |                |             |
| V23162-H0712-F104        | 5A, size II | 7VDC   | 3.6/10.5VDC             | 2 form C (2 CO) | Single    | Solder, Au pl. | Hermet. sealed | 4-1393819-1 |
| V23162-H0719-F104        | 5A, size II | 15VDC  | 9.1/24.5VDC             | 2 form C (2 CO) | Single    | Solder, Au pl. | Hermet. sealed | 4-1393819-3 |
| V23162-H0721-F104        | 5A, size II | 24VDC  | 14.5/40VDC              | 2 form C (2 CO) | Single    | Solder, Au pl. | Hermet. sealed | 5-1393819-2 |
| V23162-H0721-F107        | 5A, size II | 24VDC  | 14.5/40VDC              | 2 form B (2 NC) | Single    | Solder, Au pl. | Hermet. sealed | 1419147-7   |
| V23162-H0722-F104        | 5A, size II | 32VDC  | 22.6/54VDC              | 2 form C (2 CO) | Single    | Solder, Au pl. | Hermet. sealed | 5-1393819-5 |
| V23162-H0704-F104        | 5A, size II | 72VDC  | 48.4/114VDC             | 2 form C (2 CO) | Single    | Solder, Au pl. | Hermet. sealed | 4-1393819-0 |
| V23162-H0703-F104        | 5A, size II | 125VDC | 81/190VDC               | 2 form C (2 CO) | Single    | Solder, Au pl. | Hermet. sealed | 3-1393819-9 |