V-Series
Contura II & III Switches

The V-Series Contura II & III snap-in rocker switches offer countless unique options including choices for ratings, circuits, colors, illuminations and symbols. These single or double pole switches feature removable actuators in a choice of actuator styles and colors, and can be illuminated with either square or bar shaped lenses. Actuators may be purchased and stocked separately. An optional plug-in terminal connector enables pre-wiring of wire harnesses.

The Contura switches with sealed option, are certified to IP66 and IP68, signifying complete protection against dust and prolonged spray and submersion under pressure, and are recognized to UL1500 - Ignition Protection for Marine Products. These switches are vibration, shock, thermoshock, moisture and salt spray resistant. Temperature ratings range from -40°C to 85°C.

**Resources:**
- Download 3D CAD Files
  - IGSTP
- Watch Product Video

**Product Highlights:**
- Countless options for ratings, circuits, colors, illuminations and legends
- Certified to IP66 and IP68 for front panel components
- Vibration, shock, thermoshock, moisture and salt spray resistant
- Temperature range from -40°C to 85°C.

**Typical Applications:**
- On/Off Highway Equipment
- Marine
- Military Armored Vehicles
- Mining Machinery and Equipment
- Any application requiring environmental protection
V-Series Switch

DESIGN FEATURES

INTERCHANGEABLE ACTUATORS
Panel redesign is a snap with our wide range of rocker styles. Achieve maximum design variety with minimum inventory. Simply swap rockers to create an entirely new look for your panel.

DUAL SEAL PROTECTION
Seals out water, dust, debris, and enables switch certification to IP66/IP68 for front panel components.

CLEAN CONNECTIONS
Options for both eight and ten terminal base styles with AMP & Packard compatible connectors affords myriad circuit options while providing ease of assembly.

OPTIONAL PANEL SEAL
Prevents water/dust ingress behind panel.

MULTIPLE LIGHTING OPTIONS
In addition to Incandescent lamps, our LED illumination is offered in a wide array of light intensities, colors, as well as dual level, tri-color, and flashing options.

BRASS ROLLER PIN
Robust mechanism eliminates the need for lubricants. Enables switch to withstand -40°C to +85°C temperatures.

SILVER PLATED BUTT CONTACT MECHANISM
Providing 50k to 100k electrical cycles and a variety of different electrical ratings.
### Electrical

- **Contact Rating**: 4VA @ 24VDC (MAX) resistive  
  - 15 amps, 125VAC  
  - 10 amps, 250VAC  
  - 1/2 HP 125-250VAC  
  - 20 amps, 4-14VDC  
  - 15 amps, 15-28VDC  
  - 10A, 14VT  
  - 6A, 125VAC L  
- **Dielectric Strength**: 1500 Volts RMS  
- **Insulation Resistance**: 50 Megohms  
- **Initial Contact Resistance**: 10 milliohms max. @ 4VDC  
- **Life**: 50,000-100,000 cycles circuit dependent  
- **Contacts**: Silver alloy, silver tin-oxide, fine silver  
- **Terminals**: Brass or copper/silver plate 1/4" (6.3mm) Quick Connect terminations standard. Solder lug, Wire Lead

### Environmental

- **Sealing**: Sealed version: IP68, in accordance with IEC 60529, BS 5490, DIN 40050 & NFIC 20 010. This rating applies to front panel components of the actual switch only, and signifies protection against dust and the prolonged effects of immersion under pressure. The standard test for immersion under pressure requires submersion under one meter of water for 30 min. The V-Series switch has exceeded these parameters, having been actuated and illuminated during submersion.  
- **Corrosion**: Mixed Flowing Gas (MFG) Class III 3 year accelerated exposure per ASTM B-827, B-845 Silver and gold contacts  
- **Dielectric Strength**: 1500 Volts RMS  
- **Insulation Resistance**: 50 Megohms  
- **Initial Contact Resistance**: 10 milliohms max. @ 4VDC  
- **Life**: 50,000-100,000 cycles circuit dependent  
- **Contacts**: Silver alloy, silver tin-oxide, fine silver  
- **Terminals**: Brass or copper/silver plate 1/4" (6.3mm) Quick Connect terminations standard. Solder lug, Wire Lead  

### Mechanical

- **Mounting Specifications**
  - **Panel Thickness Range**: .032 to .250 (.76mm to 6.35mm)  
  - **Acceptable Panel Thickness**: .032 to .250 (.76mm to 6.35mm)  
  - **Recommended**: No gasket with panel thickness of .032, .062, .093, .125, .187 or .250

### Agency Certifications

- **UL**: 1500 Volts RMS  
- **CSA**: 1500 Volts RMS  
- **C-Tick**: 1500 Volts RMS  
- **CE**: 1500 Volts RMS  
- **IEEE**: 1500 Volts RMS  
- **BS**: 1500 Volts RMS  
- **VDE**: 1500 Volts RMS  
- **DIN**: 1500 Volts RMS  
- **NFC**: 1500 Volts RMS  

### Physical

- **Lighted**: Incandescent - rated 10,000 hours Neon - rated 25,000 hours LED - rated 100,000 hours 1/2 life (LED is internally ballasted for voltages to 24VDC)
- **Seals**: Internal  
- **Base**: Polyester blend rated to 125°C with a UL flammability rating of 94V0.  
- **Contura XXI,XII Actuator,VP Lens**: Nylon 66 Reinforced rated to 105°C Polycarbonate rated at 100°C  
- **Contura XIV**: Polycarbonate lens/subrocker with ABS shell

### Actuator Travel (Angular Displacement)

- **2 position**: 18°  
- **3 positions**: 9° from center

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**Contact Information**

Email: sales@carlingtech.com • Application Support: team2@carlingtech.com  
Phone: (860) 793–9281 • Fax: (860) 793–9231 • www.carlingtech.com
Dimensional Specifications: in. [mm]

CONTURA II
SHOWN WITH SQUARE LENS

CONTURA III

8 TERMINAL BASE W/BARRIERS

1.950 [49.09]
1.079 [27.40]
1.560 [39.67]

8 TERMINAL BASE W/O BARRIERS

1.950 [49.09]
1.479 [37.57]

8 TERMINAL BASE W/BARRIERS

.505 [12.83]
.250 [6.35] X .031 [.78]
.390 [9.90]
.960 [24.38]

10 TERMINAL BASE W/BARRIERS

.505 [12.82]
.250 [6.35] X .031 [.78]
.820 [20.82]
.960 [24.38]

SWITCH SHOWN WITH VCH CONNECTOR 8 TERMINAL

BOTTOM VIEW TERMINAL ARRANGEMENT 8 TERMINAL BASE

8
1
2
3

7
4
5
6

BOTTOM VIEW TERMINAL ARRANGEMENT 10 TERMINAL BASE

8
1
2
3
4
5
6
10

7
9

SWITCH SHOWN WITH VC1 CONNECTOR 10 TERMINAL
<table>
<thead>
<tr>
<th>CIRCUIT</th>
<th>CIRCUIT DIAGRAM</th>
<th>CIRCUIT</th>
<th>CIRCUIT DIAGRAM</th>
<th>CIRCUIT</th>
<th>CIRCUIT DIAGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><img src=".." alt="Diagram 1" /></td>
<td>A</td>
<td><img src=".." alt="Diagram A" /></td>
<td>J</td>
<td><img src=".." alt="Diagram J" /></td>
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<tr>
<td></td>
<td></td>
<td>B</td>
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<tr>
<td>3</td>
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<td>E</td>
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<td>S</td>
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<tr>
<td>4</td>
<td></td>
<td>G</td>
<td><img src=".." alt="Diagram G" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>H</td>
<td><img src=".." alt="Diagram H" /></td>
<td></td>
<td></td>
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<tr>
<td>6</td>
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<td>8</td>
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**SYMBOL LEGEND**

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<th>SYM.</th>
<th>DEFINITION</th>
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<tr>
<td><img src=".." alt="Sym" /></td>
<td>DESIGNATES TERMINALS AND CONTACTS</td>
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<tr>
<td><img src=".." alt="Sym" /></td>
<td>DESIGNATES LAMP LOCATION</td>
</tr>
<tr>
<td><img src=".." alt="Sym" /></td>
<td>DESIGNATES MAINTAINED CIRCUITS</td>
</tr>
<tr>
<td><img src=".." alt="Sym" /></td>
<td>DESIGNATES OTHER POSITION</td>
</tr>
<tr>
<td><img src=".." alt="Sym" /></td>
<td>DESIGNATES MOMENTARY CIRCUITS</td>
</tr>
<tr>
<td><img src=".." alt="Sym" /></td>
<td>DESIGNATES TWO POSITION CONNECTION</td>
</tr>
<tr>
<td><img src=".." alt="Sym" /></td>
<td>DESIGNATES EXTERNAL JUMPER PROVIDED BY CUSTOMER</td>
</tr>
</tbody>
</table>
### V-Series Contura II to XIV - Circuit Diagram

<table>
<thead>
<tr>
<th>LAMP CIRCUIT</th>
<th>CIRCUIT DIAGRAM</th>
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<tbody>
<tr>
<td>A/1</td>
<td><img src="A/1" alt="Circuit Diagram" /></td>
</tr>
<tr>
<td>B/2</td>
<td><img src="B/2" alt="Circuit Diagram" /></td>
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<tr>
<td>C3</td>
<td><img src="C3" alt="Circuit Diagram" /></td>
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<tr>
<td>D4</td>
<td><img src="D4" alt="Circuit Diagram" /></td>
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<tr>
<td>E5</td>
<td><img src="E5" alt="Circuit Diagram" /></td>
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<tr>
<td>F/8</td>
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<tr>
<td>G/7</td>
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<tr>
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<tr>
<td>J8</td>
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<tr>
<td>K/W</td>
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<tr>
<td>L/9</td>
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<tr>
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<tr>
<td>P/V</td>
<td><img src="P/V" alt="Circuit Diagram" /></td>
</tr>
<tr>
<td>U/Y</td>
<td><img src="U/Y" alt="Circuit Diagram" /></td>
</tr>
</tbody>
</table>

**NOTE:**
J circuits are available for all non-locking V-Series styles. Consult factory for p/n details.

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### SYMBOL LEGEND

- **SYM:** DESIGNATES TERMINALS AND CONTACTS
- **DEF:** DESIGNATES LAMP LOCATION
- **DESIGN:** DESIGNATES TWO POSITION CIRCUIT

<table>
<thead>
<tr>
<th>CIRCUIT</th>
<th>CONNECTOR PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>JA,JK</td>
<td>JC1-01</td>
</tr>
<tr>
<td>J1, J2</td>
<td>JC2-01</td>
</tr>
<tr>
<td>L2</td>
<td>JC3-01</td>
</tr>
</tbody>
</table>

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Email: sales@carlingtech.com • Application Support: team2@carlingtech.com
Phone: (860) 793–9281 • Fax: (860) 793–9231 • www.carlingtech.com
1. **Series:**

   - V

2. **Circuit:**

   - 2

   Terminals as viewed from bottom of switch:

   - SP - single pole - uses terminals 1, 2 & 3.
   - DP - double pole uses terminals 1, 2, 3, 4 & 5.
   - Positions: 1 2 3

   - Jumper between terminals 2 & 5 for circuits H, G, M, R & S are specified in selection 4.
   - External jumper between terminals 2 & 4 for circuit E are provided by customer. Circuit E may be used for SP OFF-ON-ON circuit.

3. **Rating:**

   - .4VA @ 28VDC
   - 4VA/20A 12V
   - 20A 12V
   - 20A 18V
   - 15A 24V
   - .4VA/15A 24V

4. **Termination/Base Style:**

   - No Actuator
   - A, B Contura II
   - C, D Contura III

   Actuator orientation above terminals: Orientation 1

5. **Illumination:**

   - Lamp #1: above terminals 1 & 4.
   - Lamp #2: above terminals 3 & 6.
   - Positioning:
     - 1: Independent
     - 2: Grounded
     - 3: Common

   - Jumper:
     - No Jumper
     - 2 & 3
     - 2 & 3, 5 & 6

6. **Lamp (Same Coding for Both Selections):**

   - Selection 6: above terminals 1 & 4;
   - Selection 7: above terminals 3 & 6
   - No lamp
   - Neon:
     - 1 125VAC
     - 2 250VAC
   - Incandescent:
     - 3 3V (56V)
     - 4 6V (12V)
     - 5 8V (18V)
   - LED:
     - 2D Red
     - 3D Amber
     - 4D Green
   - Superbright:
     - Red
     - Green

7. **Flush Bracket Color:**

   - Panel seal
   - Black
   - White
   - Gray
   - Green
   - Blue

8. **10 Lens:**

   - Off - No Actuator
   - J - No Lens
   - Clear
   - White
   - Amber
   - Green
   - Red
   - Blue

9. **11 Actuator Color & Texture:**

   - Soft Surface
   - B
   - G
   - W
   - Hard Surface
   - C
   - H
   - S
   - Y

10. **12 Actuator Lens or Body Legend:**

    - Selection 11: above terminals 1 & 4;
    - Selection 12: above terminals 3 & 6
    - No legend this location / no actuator
    - A, L, F, R
    - B, W, G
    - C, H, S, Y

11. **13 Legend Orientation:**

    - Orientation 1
    - Orientation 2
    - Orientation 3
    - Orientation 4
    - Orientation 5

12. **14 Actuator Lens Legend:**

    - No legend this location / no actuator
    - A, L, F, R
    - B, W, G
    - C, H, S, Y
    - For additional legend options & codes, visit our website.
**V-Series Contura II & III Locking Sealed Rocker Switches**

**1 SERIES**

**V**

**2 CIRCUIT**

Terminal Connections as viewed from bottom of switch:

- **SP** - single pole - uses terminals 1, 2 & 3.
- **SP DP** - double pole uses terminals 1, 2, 3, 4 & 5.
- **DP** - double pole uses terminals 1, 2, 3, 4 & 6.

Position:

<table>
<thead>
<tr>
<th>Position</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SP</strong></td>
<td>1 &amp; 2 &amp; 4 &amp; 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DP</strong></td>
<td>1 &amp; 2 &amp; 4 &amp; 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OFF</strong></td>
<td>ON</td>
<td>OFF</td>
<td></td>
</tr>
<tr>
<td><strong>ON</strong></td>
<td>OFF</td>
<td>ON</td>
<td></td>
</tr>
</tbody>
</table>

**SPECIAL CIRCUITS**

- **H**
  - 2 & 4 & 6
- **S**
  - 2 & 4 & 6
- **M**
  - 2 & 4 & 6
- **R**
  - 2 & 4 & 6

**3 RATING**

1. .4VA @ 28VDC Resistive
   - B: 15A 24V
   - C: 20A 18V
   - D: 20A 12V
   - E: 20A 14V, 10A 14VT (circuit 1, 4, A & D only)
   - F: 10A 14V, 6A 14VT (circuit G only)
   - M: .4VA/20A 12V
   - N: .4VA/15A 24V

**7 LAMP**

- Lamp above terminals 3 & 6 end of switch
  - No lamp
  - Neon 1 125VAC
  - Incandescent 1 43V
  - LED 1 5.6V
  - LED* 1 6.12V
  - LED** 1 7 18V
  - LED** 1 8 24V

**8 FLUSH BRACKET COLOR**, **PANEL SEAL**

- Black
- White
- Gray

**9 HARD SURFACE ACTUATOR**

- Contura II
  - A: Black
  - B: Gray
  - G: Red
  - H: White

- Contura III
  - C: Black
  - D: Gray
  - E: Red
  - F: White

**10 LENS**

- Z: No Lens
- Clear
- White
- Amber
- Green
- Red
- Blue

**11 ACTUATOR LOCK FUNCTION AND COLOR**

- Match Actuator
  - A: H
  - B: R
  - C: T
  - D: V
  - E: W
  - F: Y

- Safety Orange
  - E: M

**12 ACTUATOR LENS OR BODY LEGEND**

- 00 - No Legend
- 01 - Orientation 1
- 02 - Orientation 2
- 03 - Orientation 3
- 04 - Orientation 4

- 21 - ON
- 22 - OFF
- 23 - DOWN
- 24 - UP

- 25 - 20A 12V
- 26 - 20A 18V
- 27 - 6A 14VT
- 28 - 6A 14VT

**13 LEGEND ORIENTATION**

Notes:

1. Custom colors are available. Consult factory.
2. White imprinting is standard on black actuators; Black imprinting is standard on white, red and gray actuators. Custom colors are available, consult factory.
3. Only available with 3 position circuits. Center OFF and special circuits only available with center position lock function.

**Email:** sales@carlingtech.com • **Application Support:** team2@carlingtech.com

**Phone:** (860) 793–9281 • **Fax:** (860) 793–9231 • **www.carlingtech.com**
## V-Series Contura Sealed Rocker Switch Actuators Separately

Reduce inventory levels and cost by stocking actuators and base switches separately.

- **Contura II, III, IV, V, VI, VII, X, XI, XII, XIV Base switches separately**: specify V with code selections 2-8 in the ordering schemes.
- **Contura II, III, IV, V Actuator only**: VV with code A or C for selection 9, & with selections 10-14 in the ordering schemes.
- **Contura VI Actuator with lenses and inserts only**: VV with code selections 9-16
- **Contura II, III, IV, V, VII Actuator only**: VV with code A, C, E, G, P or Z for selection 9 & with selections 10-14 in the ordering schemes.
- **Contura X, XI, XII, XIV actuators with lenses separately**: VV with code selections 9-14 in the ordering schemes.

### Panel Seal: VVS

**Contura X & XI actuators without lenses separately:**

<table>
<thead>
<tr>
<th>Actuator</th>
<th>Style/Color</th>
<th>Lens Opening</th>
<th>Actuator Legend</th>
<th>Legend Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>VVR</td>
<td>6 1 00 1</td>
<td></td>
<td></td>
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</tbody>
</table>

**Contura XII actuators without lenses separately:**

<table>
<thead>
<tr>
<th>Actuator</th>
<th>Style &amp; Color</th>
<th>Lens Opening</th>
<th>Lens Orientation</th>
<th>Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>VVP</td>
<td>J 1 Z 21 1</td>
<td></td>
<td></td>
<td>00</td>
</tr>
</tbody>
</table>

**Contura XI actuators with lenses separately:**

**Contura II, III, IV, V, VI, VII, X, XI, XII, XIV actuators with lenses separately:**

**Contura II, III, IV, V Actuator only:**

**Contura X, XI & XII Actuator lens assembly separately:**

<table>
<thead>
<tr>
<th>Lens Separately</th>
<th>Lens Style</th>
<th>Lens Color</th>
<th>Legend</th>
<th>Legend Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>VVL 2 1 00 0</td>
<td></td>
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</tr>
</tbody>
</table>

**Contura X, XI & XII top piece of 2-piece lens separately:**

<table>
<thead>
<tr>
<th>Lens Separately</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>VVT 1</td>
<td></td>
</tr>
</tbody>
</table>

**Contura X, XI & XII actuator lens assembly:**

1. Lens separately
2. Color
3. 2 COLOR
   - 1 Clear
   - 2 Smoke
   - 3 White

---

Notes:
1. If actuator lens opening for 2 bar or 2 square lenses, legend orientation 0, 1, or 2 must be chosen.
2. Center of actuator marking not available for Contura XII.
3. Legend is not available for bar style lens.
4. Not recommended with neon lamps.
5. Must also order top piece of 2 piece square lens separately.

For additional legend options & codes, visit us at www.carlingtech.com.
Easily integrate Contura products into your system, with Contura Accessories

Contura Connectors

<table>
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<tr>
<th>Q.C. SELECTION GUIDE</th>
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</thead>
<tbody>
<tr>
<td>COMPANY SERIES</td>
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<tr>
<td>PACKARD 58 SERIES</td>
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<td>AMP, PACKARD 58 SERIES FASTIN-FASTON</td>
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</tbody>
</table>

NOTE: Consult Delphi Packard and/or Amp on actual part numbers and availability.

Delphi Packard is a registered trademark of Delphi-Packard Electrical Systems Warren, Ohio

AMP is a registered trademark of AMP Inc. Harrisburg, PA

AMP is a registered trademark of AMP Inc. Harrisburg, PA

Additional V-Series Ratings

1. .4VA @ 28VDC Resistive
2. 10A 250VAC 1/2 HP, 15A 125 VAC 1/2 HP, No Agency Listings
3. 10A 250VAC 1/2 HP, 15A 125 VAC 1/2 HP, UL Recognized, CSA Certified
4. 15A 125VAC 1/2 HP, 12(2)A 125 VAC μ T85
5. 15A 125VAC 1/2 HP, 12(6)A 125 VAC T85
6. 10A 250VAC, 15A 125VAC, 1/2 HP 125-250VAC, (2)(2)A 250 VAC μ T85
7. 10A 250VAC, 15A 125VAC, 1/2 HP 125-250VAC, 12(6)A 250 VAC T85
8. B 15A 24V
9. C 20A 18V
10. 20A 12V
11. 20A 14V, 10A 14VT (circuits 1, 4, A, & D only)
12. 10A 14V, 6A, 14VT (circuit G only)
13. 20A 6V
14. 20A 3V
15. 15A 125 VAC, 10A 250VAC, 1/2 HP 125-250 VAC; 6A 125 VAC L
16. .4VA/20A 12V (comb-contact)
17. (combination gold/silver contacts for borderline dry circuit applications)
18. .4VA/15A 24V (comb-contact)
19. (combination gold/silver contacts for borderline dry circuit applications)

NOTES:
1. Not available with Contura 7 or 14 rocker styles.
2. Ratings 6 - 9 are UL, CSA & VDE certified, require terminations A or B for double pole circuits, & are not available with illumination circuits 4, 8, D, J, N, & T or with wire lead or solder lug terminations.

Circuits 1, 4, A, D, H, M & E are not available with rating 6 & B. Rating 7 & 9 only available with circuits 1, 4, A & D. Circuits 2, 3, 5, 7, 8, K, L are 1/2 HP 250VAC only with rating 8. Ratings 6 & 7 must specify lamp code 1 (125VAC neon). Ratings 8 & 9 must specify lamp code 2 (250VAC neon). Rating L available with circuits 1, 4, A & D only.

Email: sales@carlingtech.com • Application Support: team2@carlingtech.com
Phone: (860) 793-9281 • Fax: (860) 793-9231 • www.carlingtech.com
## V-Series Contura Sealed Rocker Switch Accessories

### Contura Mounting Panels
**Dimensional Specifications:** in. [mm]

**MOUNTING PANEL**
- For additional info, see VHII-PRE-2002.png, page 11.
- For more than 3 V-Series Switches, and through-hole, please contact your Sales Representative.

<table>
<thead>
<tr>
<th>HOLE PLUG</th>
<th>VH1</th>
<th>VH2</th>
<th>VH3</th>
<th>VH4</th>
<th>VH5</th>
<th>VH6</th>
</tr>
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<tbody>
<tr>
<td><strong>HOLE PLUG</strong></td>
<td><strong>.250</strong></td>
<td><strong>.200</strong></td>
<td><strong>.125</strong></td>
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**VH2, VH4 & VH6**

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<th>VH2</th>
<th>VH4</th>
<th>VH6</th>
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**VH1, VH3 & VH5**

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<th>VH3</th>
<th>VH5</th>
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<td><strong>1.000</strong></td>
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**VH1, VHII, VHIII & VHIV**

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<th>HOLE PLUG</th>
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<th>VHII</th>
<th>VHIII</th>
<th>VHIV</th>
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**VHHP**

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<td><strong>MOUNTING PANEL</strong></td>
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</table>

### Contura Hole Plug
**Dimensional Specifications:** in. [mm]

**VH1**
- STANDARD HOLE PLUG
- (No wing serrations)
- (With VC1 connector attached)

<table>
<thead>
<tr>
<th>HOLE PLUG</th>
<th>VH1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOLE PLUG</strong></td>
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<tr>
<td><strong>MOUNTING PANEL</strong></td>
<td><strong>1.000</strong></td>
</tr>
<tr>
<td><strong>MOUNTING PANEL</strong></td>
<td><strong>1.500</strong></td>
</tr>
</tbody>
</table>

**VH2**
- STANDARD HOLE PLUG
- (No wing serrations)
- (With VC1 connector attached)

**VH3**
- HOLE PLUG
- (No wing serrations)

**VH4**
- HOLE PLUG
- (With wing serrations)

**VH5**
- HOLE PLUG
- (With wing serrations)

**VH6**
- HOLE PLUG
- (With wing serrations)

**VHIII**
- HOLE PLUG
- (With wing serrations)

**VHIV**
- HOLE PLUG
- (With wing serrations)

**VHP**
- HOLE PLUG
- (No wing serrations)

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