V-Series
CONTURA 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 IP66/68, 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:

Configure a Complete Part

Download CAD & Sales Drawing ›

Watch Product Video

Product Highlights:
- Countless options for ratings, circuits, colors, illuminations and legends
- Sealed to IP66/68 for Above-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

Carling Technologies®
Innovative Designs. Powerful Solutions.

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 sealed to IP66/68 for above-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.
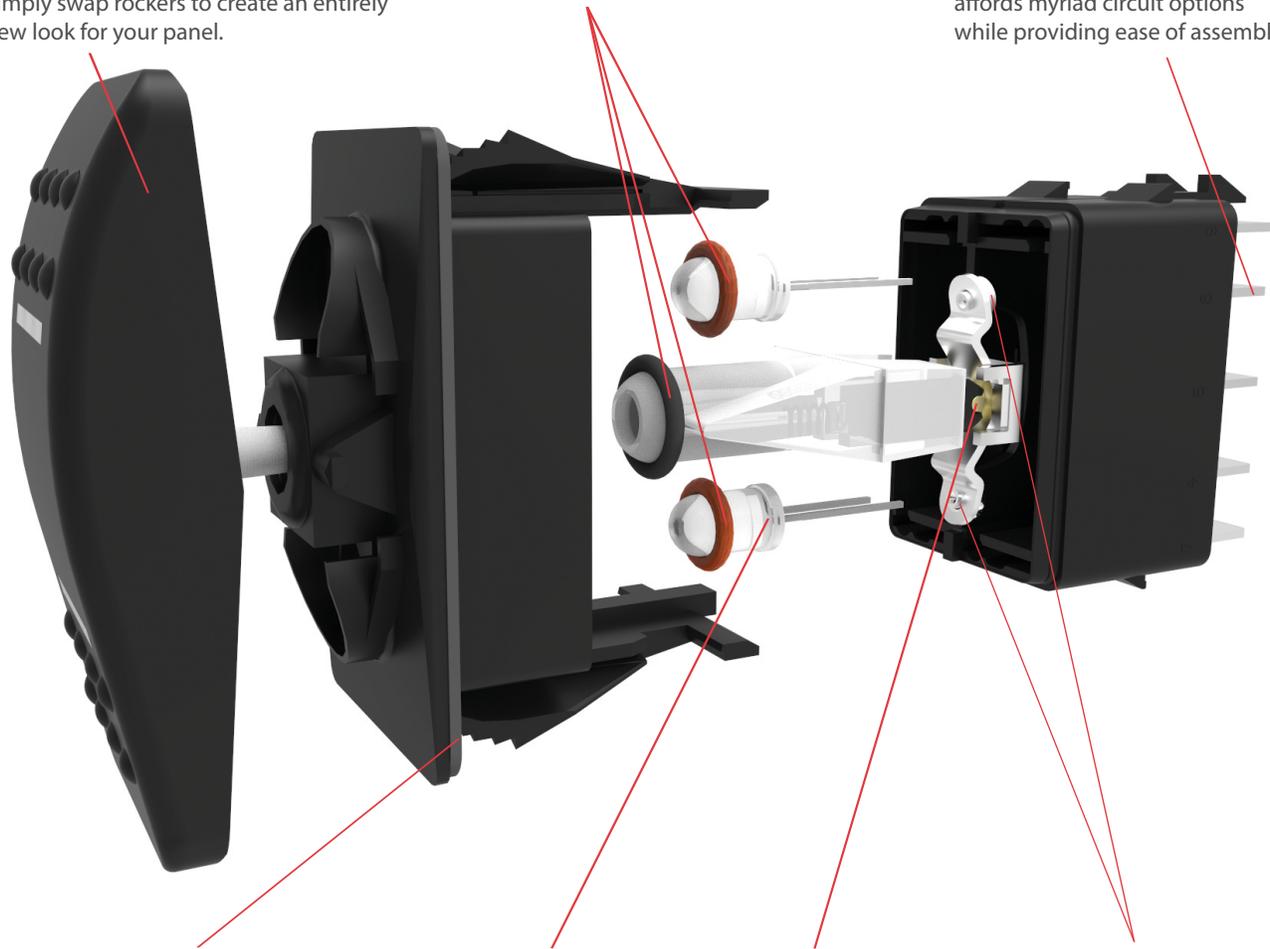
OPTIONAL PANEL SEAL
Helps prevent water/dust ingress behind panel.

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.

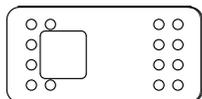**SILVER PLATED BUTT CONTACT MECHANISM**
Providing 50k to 100k electrical cycles, circuit and load dependent

*Manufacturer reserves the right to change product specification without prior notice.
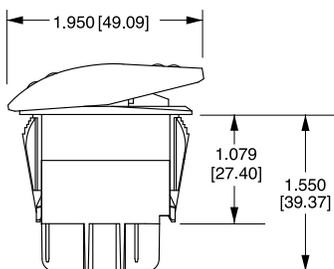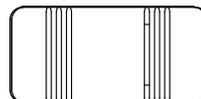
Dimensional Specifications: in. [mm]

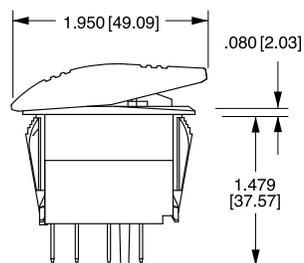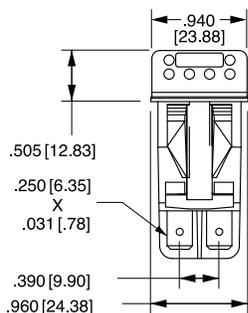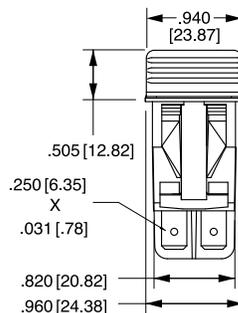### CONTURA II
SHOWN WITH
SQUARE LENS

CONTURA III

1.950 [49.09]

.080 [2.03]

1.079 [27.40]

1.550 [39.37]

1.479 [37.57]

8 TERMINAL BASE W/BARRIERS

8 TERMINAL BASE W/O BARRIERS

.940 [23.88]
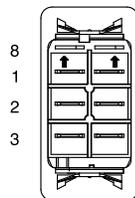
.505 [12.83]

.250 [6.35]
X
.031 [.78]

.390 [9.90]

.960 [24.38]

8 TERMINAL BASE W/BARRIERS

.940 [23.87]

.505 [12.82]

.250 [6.35]
X
.031 [.78]

.820 [20.82]

.960 [24.38]

10 TERMINAL BASE W/BARRIERS

2.029 [51.53]
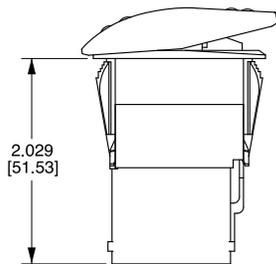
SWITCH SHOWN WITH VCH CONNECTOR 8 TERMINAL

8
1
2
3

7
4
5
6

BOTTOM VIEW TERMINAL ARRANGEMENT 8 TERMINAL BASE

8
1
2
3
10

7
4
5
6
9
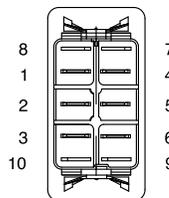
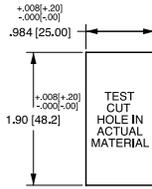**BOTTOM VIEW TERMINAL ARRANGEMENT 10 TERMINAL BASE**
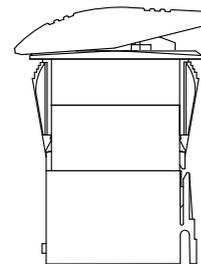
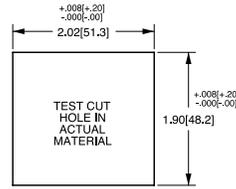**SWITCH SHOWN WITH VC1 CONNECTOR 10 TERMINAL**

Contura Mounting Panels
Dimensional Specifications: in. [mm]

MOUNTING PANEL
For additional units, add 1.03[26.2] per unit.
For more than 2 V-Series Switches, add
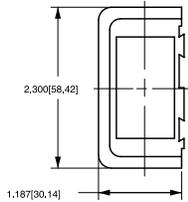middle section. Available in Panel Thicknesses
listed below. Consult factory.

MOUNTING PANEL THICKNESS
.062[1.57]	.187[4.75]
.093[2.36]	.250[6.35]
.125[3.17]	.375[9.52]

+.008[+.20]
-.000[-.00]
.984 [25.00]

+.008[+.20]
-.000[-.00]
1.90 [48.2]

TEST
CUT
HOLE IN
ACTUAL
MATERIAL

**VMS
MOUNTING PANEL
HOLE**

+.008[+.20]
-.000[-.00]
2.02[51.3]

TEST CUT
HOLE IN
ACTUAL
MATERIAL

+.008[+.20]
-.000[-.00]
1.90[48.2]

**MOUNTING PANEL
OPENING
(2) UNITS**

2.300[58.42]
1.187[30.14]

**VME
MOUNTING
PANEL
END**

1.970[50.03]
1.034[26.26]
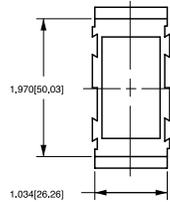
**VMM
MOUNTING PANEL
MIDDLE**

2.300 [58.42]
1.340 [34.03]

**VMS
MOUNTING
PANEL**

1.700 [43.18]
1.030 [26.16]
2.300 [58.42]
3.400 [86.36]

**VM3
MOUNTING PANEL**

.670 [17.01]
1.030 [26.16]
2.300[58.42]
6.490 [164.85]
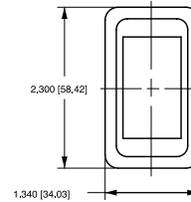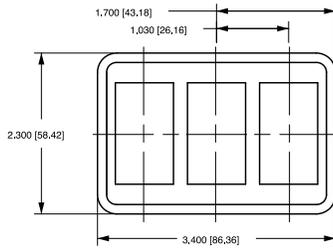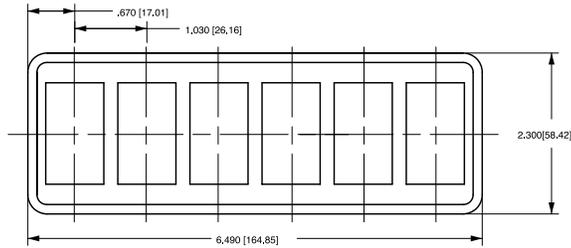
**VM6
MOUNTING PANEL**

Contura Hole Plug
Dimensional Specifications: in. [mm]

1.450 [36.83]

.830 [21.08]

TEST CUT
HOLE IN
ACTUAL
MATERIAL

**VHP
CONTURA II,III HOLE PLUG**

.430 [10.92]
**VHP
CONTURA II,III HOLE PLUG**

1.820 [46.23]
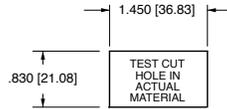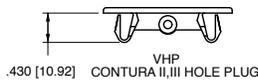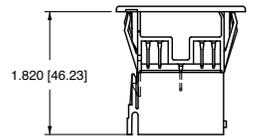
**VH1
STANDARD HOLE PLUG
(No wing serrations)
(With VC1 connector attached)**

1.240 [31.50]
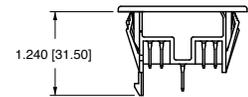
**VH2
STANDARD HOLE PLUG
(With wing serrations)**

2.000 [50.80]
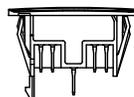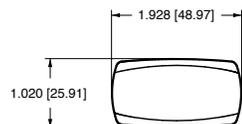1.067 [27.10]

1.928 [48.97]
1.020 [25.91]
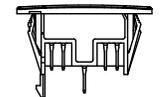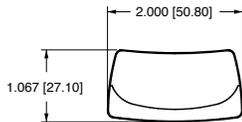
**VH3
CONTURA IV HOLE PLUG
(No wing serrations)**
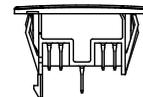
**VH4
CONTURA IV HOLE PLUG
(With wing serrations)**

**DETAIL VIEW
VH1,VH3 & VH5
HOLE PLUGS
(No wing serrations
for ease of removal)**

**VH5
CONTURA V HOLE PLUG
(No wing serrations)**

**VH6
CONTURA V HOLE PLUG
(With wing serrations)**

**DETAIL VIEW
VH2,VH4 & VH6
HOLE PLUGS
(With wing serrations)**