## : ©hipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation, and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!


## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email \& Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, \#122 Zhenhua RD., Futian, Shenzhen, China

## V-Series CONTURA X, XI, XII SWITCHES

The V-Series Contura X, XI \& XII snap-in rocker/paddle switches offer countless unique options including choices for ratings, circuits, colors, illuminations and 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 and square lenses may also be purchased and stocked separately from the base assembly. They also feature a raised bracket/bezel which helps prevent inadvertent actuation of the switch.

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 $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$.


## Product Highlights:

- Countless options for ratings, circuits, colors, illuminations and legends
- Certified to IP66/68 for front panel components
- Vibration, shock, thermoshock, moisture and salt spray resistant
- Temperature range from $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$.


Resources:
Download 3D CAD Files
IGS > STP >
Watch Product Video


## 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 IP66/68 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.


## Contura II \& III

The Contura II \& III actuators are
 constructed of thermoplastic polycarbonate and are offered with a hard nylon overlay or a "soft-touch" elastomer overlay. These models incorporate aesthetic designs on the top and bottom of the rocker featuring two rows of raised "bumps" on the Contura II and three "indented" lines on the Contura III.


## Contura IV

The Contura IV's "Shape to create a Shape" actuator works with the curves, contours \& advanced styling of the latest panel designs, flowing with these advanced curves \& radii. This actuator style fits on the Contura flush bracket/bezel.


Contura V
The symmetrically curved Contura $V$ actuator provides the perfect complement to the Contura IV's "Shape to create a Shape" design concept. With its flush style mounting bracket, Contura V can be mounted in between two Contura IV's, by itself, or in groups.

## Contura VI (WAVE)

The Contura VI WAVE sealed rocker switches, when used in a row, create an uniquely appealing "wave" design on your panel. A variety of colors and finishes are available for both rocker and wave insert. Contura VI features bar and oval lenses.


## Contura X

The raised bracket/bezel on the Contura X helps prevent inadvertent actuation of the rocker, as well as preventing debris from being trapped under the actuator. This curved rocker style is available with a variety of lenses and legends.


Contura XI
The raised bracket/bezel on the Contura XI helps prevent inadvertent actuation of the rocker, as well as preventing debris from being trapped under the actuator. This convex style rocker is available with a wide variety of lenses and legends.

## Contura XII

The Contura XII version features a paddle style actuator with the raised bracket/bezel of Contura X and XI. The contoured handle design provides intuitive recognition and ease of operation and is available with all Contura X and XI lens and legend offerings.

## Contura XIV

The Contura XIV represents a sleek new crossover rocker design which should appeal to Trucks, Buses and Heavy Vehicles as well as the Marine Industry. Intuitive feel is provided by recessed ridges along with a Center Groove which effectively defines the boundary between top and bottom switch functions.

## Illuminated Indicators \& Accessories

Alert operator of systems functions or malfunctions, are offered with removable/replaceable lamps in Contura II, II, V or X styles. Accessories include connectors, mounting panels, hole plugs, panel seals, and actuator removal tools. Refer to accessories page for full details

## Electrical

Contact Rating
.4VA @ 24VDC (MAX) resistive $15 \mathrm{amps}, 125 \mathrm{VAC}$
10 amps , 250VAC 1/2 HP 125-250VAC
20 amps , 4-14VDC
$15 \mathrm{amps}, 15-28 \mathrm{VDC}$
10A, 14VT
6A, 125VAC L
Dielectric Strength 1500 Volts RMS Insulation Resistance 50 Megohms Initial Contact Resistance 10 milliohms max. @ 4VDC Life

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
Endurance

Physical
Lighted


150,000 cycles minimum circuit dependent

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 Optional external gasket panel seal Polyester blend rated to $125^{\circ} \mathrm{C}$ with a UL flammability rating of 94 V 0 . Hard Surface: Basic actuator structure molded of thermoplastic polycarbonate with a hard Nylon 66 thermoplastic surface overlay.
Soft Surface: Basic actuator structure molded of thermoplastic polycarbonate with an elastomer overlay.
Contura X,XI,XII Actuator,VP Nylon 66 Reinforced rated to $105^{\circ} \mathrm{C}$ Lens Polycarbonate rated at $100^{\circ} \mathrm{C}$
Contura XIV Polycarbonate lens/sub-rocker with ABS shell
gnition Protection


## Agency Certifications



## Environmental

Sealing

Corrosion

Operating Temp.
Vibration 1

Vibration 2

Shock

Salt Spray
Dust
Thermal Shock

Moisture Resistance
$9^{\circ}$ from center

## Mounting Specifications

Panel Thickness Range
Gaskets Acceptable Panel Thickness
.030 to .250 (. 76 to 6.35 mm )
.030 to .109 \& . 147 to .157
(. 76 to $2.77 \mathrm{~mm} \& 3.73$ to 3.98 mm )

Recommended: No gasket with panel
thickness of .032, .062, .093, .125,. 187 or .250


SWITCH
MOUNTING HOLE

Sealed version: IP66/68, this rating applies to front panel components of the actual switch only, and signifies complete protection against dust as well as powerful jets of water.
Mixed Flowing Gas (MFG) Class III 3 year accelerated exposure per ASTM B-827, B-845 Silver and gold contacts
$-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$
Per Mil-Std 202F, Method 204D
Test Condition A 0.06 DA or 10G's
$10-500 \mathrm{~Hz}$. Tested with VCH connector.
Test criteria - No loss of circuit during test, pre and post test contact resistance.
Resonance search
$24-50 \mathrm{~Hz} 0.40 \mathrm{DA}$
$50-2000 \mathrm{~Hz} \pm 10$ G's peak
Horizontal Axis 3-5 G's max.
Random
24 Hz 0.06 PSD-Gsq/Hz
60 Hz 0.50
100 Hz 0.50
200 Hz 0.025
2000 Hz 0.025
No loss of circuit during test; $<10 \mu$ seconds chatter.
Per Mil-Std 202F, Method 213B, Test Condition K @ 30G's. Tested with VCH connector. Test criteria - No loss of circuit during test, pre and post test contact resistance.
Per Mil-Std 202F, Method 101D, Test Condition A, 96 Hrs. Sealed version only. Mil STD 810, Method 510.2 Air Velocity 300 Ft/Min Duration 16Hr Per Mil-Std 202F, Method 107F, Test Cond. A, $-55^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$. Test criteria pre and post test contact resistance Per Mil-Std 202F, Method 106F, Test Criteria - pre and post test contact resistance
All Contura switches with sealed construction meet the requirements of UL1500/ISO8846 for ignition protection, in addition to conformance with EC directive 94/25/EC for marine products.

## 

```
    1 SERIES
    v
```

2 CIRCUIT

Terminal Connections as viewed
( ) - momentary
from bottom of switch: SP - single pole - uses terminals $1,2 \& 3$.
8 terminal 10 terminal DP - double pole uses terminals $1,2,3,4,5 \& 6$. $\begin{array}{ccc}8--7 & 8--7 \\ 1--4 & 1--4\end{array}$ Terminals $7,8,9 \& 10$ for lamp circuit only. $\begin{array}{ll}\text { 1--4 } & 1--4 \\ 2--5 & 2--5 \\ 3- & 3-\end{array}$ $\begin{array}{cr}3--6 & 3--6 \\ \text { Position: } & 10--9\end{array}$

| Position: | Connected Terminals | $1 \& 2^{3} 4 \& 5$ |
| :---: | :---: | :---: |
| 1 A ON | NONE | OFF |
| 2 B (ON) | NONE | OFF |
| 3 C | NONE | (OFF) |
| 5 F | NONE | (ON) |
| 6 J ON | OFF | ON |
| ${ }_{8}^{7} \mathrm{~K}$ (ON | OFF | (ON) |
| $\mathrm{HP}^{*}{ }^{\text {SPCIAL CIRCUITS }} 2$ \& 3 | 2 \& 3 \& \& 4 | 5 \& 4 |
| $\mathrm{G}^{*} \quad 2 \& 3,5$ \& 6 | 2 \& 3 | OFF |
|  | 2 \& 3 | 1\&2 |
|  | ) ${ }^{\text {a }}$ | OrF |
|  | 5 \& 3 | 5 \& 1 |

*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 }\mp@subsup{}{}{4
```


4 TERMINATION / BASE STYLE

| 8 term | 10 Term | Termination | Jumper |
| :---: | :---: | :---: | :---: |
| 1 | 2 | . 250 TAB (QC) no barriers | No |
| A | B | . 250 TAB (QC) with barriers | No |
| J | K | . 250 TAB (QC) no barriers | Yes T2 to 5 |
| 3 | 5 | Solder Lug no barriers | No |
| C | D | Solder Lug | No |
| 5 | 6 | Wire Leads no barriers | No |
| E | F | Wire Leads | No |


| 5 ILLUMINATION \& SWITCH SEALING <br> Lamp \#1:above terminals 1 \& 4 end of switch.; Lamp \#2 above terminals 3 \& 6 end of switch. Positive ( + ) and negative ( $(-)$ symbols apply to LED lamps only |  |  |  |
| :---: | :---: | :---: | :---: |
| Sealed Unsealed | Lamps | Illumination Type | Lamp wired to Terminals |
| S 0 | NONE |  |  |
| A 1 | 1 | INDEPENDENT | 8 (+) 7 (-) |
| B 2 | 1 | DOWN | 3 + 7 (-) |
| C 3 | 2 | UP | 3 + 7 - |
| D 4 | 1 | DOWN | 3 + 7 (-) |
|  | 2 | DOWN | $13+7$ - |
| E 5 | 1 |  | $13+7$ - |
|  | 2 | UP | 3 + 7 7- |
| $F \quad 6$ | 1 | INDEPENDENT | 8 8 ${ }^{3} 7$ - |
| G 7 | 1 | INDEPENDENT |  |
|  | 2 |  | 3 + 7 (-) |
| $\mathrm{H} \quad \mathrm{Z}$ | 2 | INDEPENDENT | 8 - 7 (-) |
| $\mathbf{U} \quad \mathbf{Y}$ | 1 | INDEPENDENT | $8(+) 7$ (-) |
| SINGLE POLE SWITCHES ONLY |  |  |  |
|  |  |  |  |
|  | 2 | INDEPENDENT | 6 (+) 7 (-) |
| K W | 1 | INDEPENDENT | 8 (+) 7 (-) |
|  | 2 | INDEPENDENT | 6 (+) 7 (-) |
| DOUBLE POLE SWITCHES ONLY |  |  |  |
| L $\quad 9$ | 1 | DOWN | 3 (+) 6 (-) |
| $\mathrm{M} \quad \mathrm{R}$ | 1 | UP | 3 (+) 6 (-) |
| $\mathrm{N} \quad \mathrm{T}$ | 1 | DOWN | 3 + 6 (-) |
|  | 2 | DOWN | $13+4$ - |
| P V | 1 | UP | 1 (+) 4 (-) |
|  | 2 | UP | 3 (+) 6 (-) |

6,7 LAMP (same coding for both selections)



| 9 ACTUATOR No Actuator | $0$ | Gray | White | Red | $\square$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Contura X |  |  |  |  |  |  |
| Contura XI | 6 | 7 | $\stackrel{8}{N}$ | 9 |  |  |
| Contura XII | J | K | N | M |  |  |
| Actuator orient | tion ab | ermin |  |  |  | 1,4 |

> 10 LENS - ABOVE LAMP \#1 TERMINALS 1,4
> 11 LENS - ABOVE LAMP \#2 TERMINALS ${ }^{3,6}$
> $\mathbf{0}$ - No Actuator $\quad \mathbf{Z}$ - No Lens

* All bottom lenses are molded of opaque material. Consult factory for other lens colors. Lens color for LEDs must be clear, white, or match color of LED. Green or blue lenses are not recommended with Neon lamps.



## 14 ACTUATOR LENS LEGEND

00 No legend this location / no actuator
(used with codes 11-18 in selection 12) Selection 14 required when switch
requires two legends. If the two legends consist of one lens and one body legend, lens legend must be specified in selection 12; body legend specified in selection 14
For legend options \& codes, visit us at www.carlingtech.com.

## Notes:

Consult factory to verify horsepower rating for your particular circuit choice.
1 Custom colors are available. Consult factory.
White imprinting is standard on black actuators; Black imprinting is standard on white,
red \& gray actuators. Custom colors are available, consult factory.
With 2 square lenses, use selection 12 for lens above lamp 1, \& selection 14 for lens With 2 square lenses, use selection 12 for lens above lamp 1, \& sel
above lamp 2 .
4 Additional ratings available. See V-Series Switch Accessories page.
5 Not available with Contura XI rockers.


## 1 SERIES <br> V

| 2 CIRCUIT |  |  |
| :---: | :---: | :---: |
| Terminal Connections as viewed ( )-momentar |  |  |
| from bottom of switch: SP - single pole - uses terminals 1, 2 \& 3 . |  |  |
| 8 terminal 10 terminal DP - | uble pole uses termina |  |
| 8--7 8--7 Termi | Terminals 7, 8, 9 \& 10 for lamp circuit only. |  |
| 1--4 1--4 |  |  |
| 2--5 2--5 |  |  |
| 3--6 3--6 |  |  |
| 10--9 |  |  |
| Position: 1 | 2 | 3 |
| SP DP $2 \& 3,5$ \& 6 | Connected Terminals | 1 \& 2, 4 \& 5 |
| 1 A ON | NONE | OFF |
| 4 D ON | NONE | ON |
| 6 J ON | OFF | ON |
| 9 N OFF | NONE | ON |
| SPECIAL CIRCUITS |  |  |
| $\mathrm{H}^{*}$ - 2 \& 3 | 2 \& 3, 5 \& 4 | 5 \& 4 |
| $\mathrm{G}^{*}$ - $2 \& 3,5$ \& 6 | 2 \& 3 | OFF |
| $\mathbf{S}^{*} \quad 2 \& 3,5 \& 6$ | 2 \& 3 | 1 \& 2 |
| $\mathrm{E}^{*} \quad 5$ \& 6 | 5 \& 3 | 5 \& 1 |

*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 4
1.4VA @
20A 18V
20A 12V
20A 14V, 10A 14VT (circuit 1, 4, A & D only)
10A 14V, 6A 14VT (circuit G only)
M .4VA/20A 12V
N .4VA/15A 24V
```

4 TERMINATION / BASE STYLE

| 8 term | 10 Term | Termination | Jumper |
| :---: | :---: | :---: | :---: |
|  | 2 | . 250 TAB (QC) no barriers |  |
| A | B | . 250 TAB (QC) with barriers | No |
| J | K | . 250 TAB (QC) no barriers | Yes T2 to 5 |
| 3 | 5 | Solder Lug no barriers | No |
| C | D | Solder Lug | No |
| 5 | 6 | Wire Leads no barriers | No |
| E | F | Wire Leads | No |

Note: Codes J \& K for circuits H, G \& M.

| 5 ILLUMINATION \& SWITCH SEALING <br> Lamp \#1:above terminals. 1 \& 4 end of switch.; Lamp \#2 above terminals <br> 3 \& 6 end of switch. Positive ( + ) and negative ( $(-)$ symbols apply to LED |  |  |  |
| :---: | :---: | :---: | :---: |
| Sealed Unsealed | Lamps | Illumination Type | Lamp wired to Termi- |
| $\frac{\text { nals }}{S}$ | NONE |  |  |
| $\mathrm{C} \quad 3$ | 2 | UP | 3 (+) 7 (-) |
| H Z |  | INDEPENDENT | 8 (+) 7 (-) |
| DOUBLE POLE SW | ITCHES |  |  |
| M R | 1 | UP | 3 (+) 6 (-) |

```
6 LOCK
W Lock above terminals 1& 4 end of switch.
```


## Notes:

Consult factory to verify horsepower rating for your particular circuit choice.
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 Located over T1-4 end of switch.
4 Additional ratings available. See V-Series Switch Accessories page.
5 Located over T3-6 end of switch.



|  |  |  |  |
| :--- | :--- | :--- | :--- |
| 11 ACTUATOR | LOCK | FUNCTION AND | COLOR ${ }^{3}$ |
| Lock Color | Up | Down | Up \& Down |
| Match Actuator | A | $\mathbf{H}$ | $\mathbf{R}$ |
| Black | $\mathbf{B}$ | $\mathbf{J}$ | $\mathbf{S}$ |
| White | $\mathbf{C}$ | K | $\mathbf{T}$ |
| Red | $\mathbf{D}$ | L | $\mathbf{V}$ |
| Gray | $\mathbf{E}$ | $\mathbf{M}$ | $\mathbf{W}$ |
| Safety Orange | $\mathbf{F}$ | $\mathbf{N}$ | $\mathbf{Y}$ |



## Dimensional Specifications: in. [mm]



Circuit Diagrams:


| SYMBOL LEGEND |  |
| :---: | :--- |
| SYM. | DEFINITION |
| $\mathbf{0}$ | DESIGNATES TERMINALS AND CONTACTS |
| $\mathbf{O - 0}$ | DESIGNATES MAINTAINED CIRCUITS |
| $-\boldsymbol{-}$ | DESIGNATES OTHER POSITION |
| $\mathbf{0 - 0}$ | DESIGNATES MOMENTARY CIRCUITS |
| $\sim$ | DESIGNATES TWO POSITION CONNECTION |
| - | DESIGNATES EXTERNAL JUMPER PROVIDED <br> BY CUSTOMER |

## Lamp Circuit Diagrams:



## J-Series Hazard Warning Circuit Diagrams:



Reduce inventory levels and cost by stocking actuators and base switches separately.
Contura III, III, IV, V, VI, VII, X, XI, XII, XIV Base switches separately: specify $\mathbf{V}$ 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: VPS

Contura X \& XI actuators without lenses separately:


1 CONTURA X \& XI ACTUATOR SEPARATELY
VVR


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


Contura X, XI \& XII actuator lens assembly:


Contura XII actuators without lenses separately:


Contura X, XI \& XII actuator lens assembly separately:


```
1 CONTURA X, XI & XII LENS SEPARATELY
VVL
```

```
2 LENS STYLE }\mp@subsup{}{}{3
1 Bar lens
2 One Piece Square lens
3 Bottom of Two-Piece Square lens 5
```



## Easily integrate Contura products into your system, with Contura Accessories

## Contura Connectors

| Q.C. SELECTION GUIDE |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| COMPANY SERIES | PART NO |  | WIRE RANGE |  | ORIEN- <br> TATION |
|  | $\begin{aligned} & \text { PLAIN } \\ & \text { BRASS } \end{aligned}$ | TIN <br> PLATED BRASS | AWG | $\begin{gathered} \mathrm{MM}^{2} \\ (\mathrm{REF}) \end{gathered}$ |  |
| PACKARD 58 SERIES | 02965580 |  | 12 | 3.0 | B |
|  | 02965471 | 12010601 | (2) 16-14 | (2)1.0-2.0 |  |
|  | 02965470 |  | 16-14 | 1.0-2.0 |  |
|  | 02965469 | 06288318 | 20-18 | .5-.8 |  |
| PACKARD METRI-PACK 630 SERIES |  | 12084590 | 10 | 5.0 | A |
|  |  | 12052224 | 12 | 3.0 |  |
|  |  | 12015870 | 16-14 | 1.0-2.0 |  |
|  |  | 12020035 | (2)22-18 | (2).5-.8 |  |
|  | 12015832 | 12015869 | 20-18 | .5-.8 |  |
|  |  | 12052222 | 20-22 | . $35-.5$ |  |
| $\begin{gathered} \text { AMP } \\ 250 \text { SERIES } \\ \text { FASTIN-FASTON } \end{gathered}$ | 60253-1 | 60253-2 | 16-12 | 1.3-3 | B |
|  |  |  | (2) 16 | (2) 1.3 |  |
|  | 42100-1 | 42100-2 | 18-14 | .8-2 |  |
|  | 60295-1 | 60295-2 | 22-18 | .3-. 9 |  |

NOTE: Consult Delphi Packard and/or Amp on actual part numbers and availability.
AMP is a registered trademark of AMP Inc. Harrisburg, PA
Delphi Packard is a registered trademark of Delphi-Packard Electrical Systems Warren, Ohio

.820[20.83]



Contura X Boot (P/N VB1-01)


Contura II, III, IV, V, VI \& VII Actuator Removal Tool (P/N VRT)


## Additional V-Series Ratings

1 .4VA @ 28VDC Resistive
410 A 250 VAC 1/2 HP, 15A 125 VAC 1/2 HP, No Agency Listings
$5^{1}$ 10A 250VAC 1/2 HP, 15A 125 VAC 1/2 HP, UL Recognized, CSA Certified
B 15 A 24 V
C 20 A 18 V
D 20 A 12 V
E 20A 14V, 10A 14VT (circuits 1, 4, A, \& D only)
10A 14V, 6A, 14VT (circuit G only)
20A 6V
20A 3V
2 15A 125 VAC, 10A 250VAC, 1/2 HP 125-250 VAC; 6A 125 VAC L
M .4VA/20A 12V (combi-contact)
(combination gold/silver contacts for borderline dry circuit applications)
N . $4 \mathrm{VA} / 15 \mathrm{~A} 24 \mathrm{~V}$ (combi-contact)
(combination gold/silver contacts for borderline dry circuit applications)
NOTES
Consult factory to determine availability for individual circuits and their HP rating

1. Not available with Contura 7 or 14 rocker styles.
2. Rating $L$ available with circuits $1,4, A$ \& D only.

## Contura Mounting Panels

Dimensional Specifications: in. [mm]



VM6
MOUNTING PANEL

## Contura Hole Plug

Dimensional Specifications: in. [mm]


## Authorized Sales Representatives and Distributors

Click on a region of the map below to find your local representatives and distributors or visit www.carlingtech.com/findarep.


## About Carling

Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With four ISO registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit www.carlingtech.com/company-profile.

To view all of Carling's environmental, quality, health \& safety certifications please visit www.carlingtech.com/environmental-certifications
Worldwide HeadquartersCarling Technologies, Inc.
60 Johnson Avenue, Plainville, CT 06062
Phone: 860.793.9281 Fax: 860.793.9231
Email: sales@carlingtech.com
Northern Region Sales Office: nrsm@carlingtech.com
Southeast Region Sales Office: sersm@carlingtech.com
Midwest Region Sales Office: mrsm@carlingtech.com
West Region Sales Office: wrsm@carlingtech.com
Latin America Sales Office: larsm@carlingtech.com
Asia-Pacific Headquarters
Carling Technologies, Asia-Pacific Ltd.,
Suite 1607, 16/F Tower 2, The Gateway,Harbour City, 25 Canton Road,Tsimshatsui, Kowloon, Hong Kong
Phone: Int + 852-2737-2277 Fax: Int + 852-2736-9332
Email: sales@carlingtech.com.hk
Shenzhen, China: shenzhen@carlingtech.com
Shanghai, China: shanghai@carlingtech.com
Pune, India: india@carlingtech.com
Kaohsiung, Taiwan: taiwan@carlingtech.com
Yokohama, Japan: japan@carlingtech.com
Europe | Middle East | Africa Headquarters
Carling Technologies LTD
4 Airport Business Park, Exeter Airport,
Clyst Honiton, Exeter, Devon, EX5 2UL, UK
Phone: Int + 44 1392.364422 Fax: Int + 441392.364477
Email: Itd.sales@carlingtech.com
Germany: gmbh@carlingtech.com
France: sas@carlingtech.com
Carling Technologies ${ }^{\circ}$
Innovative Designs. Powerful Solutions.

