VP-Series
CONTURA ILLUMINATED INDICATORS

The Illuminated Indicator is offered with removable/replaceable lamps, Contura styling, and LED illumination. As a critical safety feature, it's illumination alerts the operator of essential system functions or malfunctions like: oil pressure, high temperature, transmission or other fluid levels, parking brake, or general system malfunction. Three different style housings (flush, raised panel, oval) assure seamless integration with Contura switches and into most any dashboard panel.
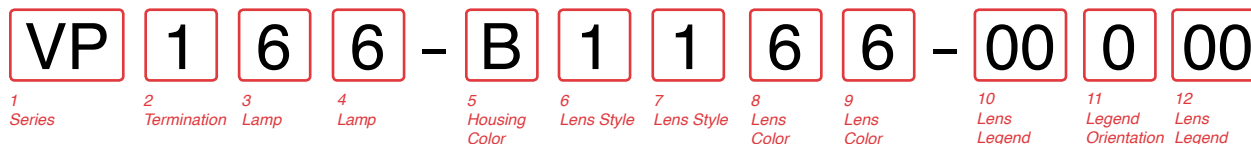

Product Highlights:
- 3 Styles to choose from
- Single or double window Illumination
- 25 lens colors and configurations
- Available connector for easily installation

Typical Applications:
- Transportation

Carling Technologies®
Innovative Designs. Powerful Solutions.

Flush Housing:

VP	1	6	6	–	B	1	1	6	6	–	00	0	00

1 Series	*2* Termination	*3* Lamp	*4* Lamp	*5* Housing Color	*6* Lens Style	*7* Lens Style	*8* Lens Color	*9* Lens Color	*10* Lens Legend	*11* Legend Orientation	*12* Lens Legend

1 SERIES
VP	Illuminated plug for V and J Mounting Hole
H2	Housing only
H3	Lamp module only

2 TERMINATION
1	.250 TAB (QC)

3, 4 LAMP [4]

No lamp	**0**				
Neon	**1** 125VAC	**2** 250VAC			
Incandescent	**4** 3V	**5** 6V	**6** 12V	**7** 18V	**8** 24V
LED*	Amber	Green	Red		
2VDC	**L**	**F**	**R**		
6VDC	**M**	**G**	**S**		
12VDC	**N**	**H**	**T**		
24VDC	**P**	**J**	**V**		

*Typical current draw for LED is 20ma.

5 FLUSH HOUSING COLOR / STYLE
B	Black / Rectangular
W	White / Rectangular
R	Red / Rectangular
G	Gray / Rectangular
1	Black / Oval (Contura V)

6, 7 LENS STYLE [5]
Z	No Lens
1	Transparent Diamond Square
2	Translucent Square [9]
3	Laser Etched [10]
4	Transparent Oval
5	Translucent Oval
6	Laser Etched Oval [10]

8, 9 LENS COLOR [6, 11]

Clear	White	Amber	Green	Red	Blue	Lens Style
Z			No Lens			
4	**9**	**E**	**K**	**R**	**W**	One piece lens
5	**A**	**F**	**L**	**S**	**Y**	Two piece lens* *(with clear top protective lens)*
2	**7**	**C**	**H**	**N**	**U**	Two piece lens* *(with smoke top protective lens)*
1	**6**	**B**	**G**	**M**	**T**	Two piece lens* *(with white top protective lens)*

*All bottom lenses are molded of opaque material. Consult factory for other lens colors.

10 LENS LEGEND OVER LAMP 1 [7]
00 No legend
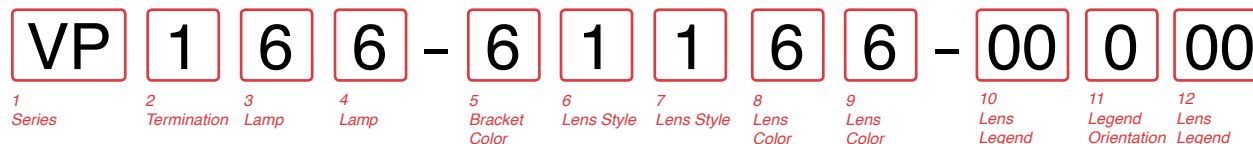For legend options, visit us at carlingtech.com

11 LEGEND ORIENTATION
0	No legend
1	Orientation 1
2	Orientation 2
3	Orientation 3
4	Orientation 4

1　　2　　3　　4

12 LENS LEGEND OVER LAMP 2 [7]
00 No legend
For legend options, visit us at carlingtech.com

Notes:
1. To order housing only, specify H2 followed by fields 5-11.
2. To order lamp module only, specify H3 followed by fields 2-3.
3. To order connector housing specify HP1-01 (black).
4. Field 3 specifies lamp 1 is located over terminals 1A & 1B.
   Field 4 specifies lamp 2 is located over terminals 2A & 2B.
5. Field 6 specifies lens 1 is located over terminals 1A & 1B.
   Field 7 specifies lens 2 is located over terminals 2A & 2B.
6. Field 8 specifies lens 1 is located over terminals 1A & 1B.
   Field 9 specifies lens 2 is located over terminals 2A & 2B.
7. Field 10 specifies legend is over lens 1.
   Field 12 specifies legend is over lens 2.
8. If only one lens is chosen, it will be located over terminals 1A & 1B.
9. Translucent lens is available with two piece lens option only.
10. Laser etched option is available with one piece lens.
11. Oval lens option is available as one piece lens.

Techna www.techna.co.uk

Raised Bracket:

VP	1	6	6	–	6	1	1	6	6	–	00	0	00

1 Series   *2* Termination   *3* Lamp   *4* Lamp   *5* Bracket Color   *6* Lens Style   *7* Lens Style   *8* Lens Color   *9* Lens Color   *10* Lens Legend   *11* Legend Orientation   *12* Lens Legend

1 SERIES
VP   Illuminated plug for V and J Mounting Hole

2 TERMINATION
1   .250 TAB (QC)
2   Solder Lug

3, 4 LAMP [1]
No lamp	**0**				
Neon	**1** 125VAC	**2** 250VAC			
Incandescent	**4** 3V	**5** 6V	**6** 12V	**7** 18V	**8** 24V
LED*	Amber	Green	Red		
2VDC	**L**	**F**	**R**		
6VDC	**M**	**G**	**S**		
12VDC	**N**	**H**	**T**		
24VDC	**P**	**J**	**V**		

*Typical current draw for LED is 20ma.

5 RAISED BRACKET / INSERT COLOR
5   White / White
6   Black / Black
7   White / Black
8   Black / White

6, 7 LENS STYLE [2]
Z   No Lens
1   Transparent Diamond Square
2   Translucent Square [6]
3   Laser Etched [7]

8, 9 LENS COLOR [3]
Z   No Lens

Clear	White	Amber	Green	Red	Blue	Lens Style
4	**9**	**E**	**K**	**R**	**W**	One piece lens
5	**A**	**F**	**L**	**S**	**Y**	Two piece lens* (with *clear top* protective lens)
2	**7**	**C**	**H**	**N**	**U**	Two piece lens* (with *smoke top* protective lens)
1	**6**	**B**	**G**	**M**	**T**	Two piece lens* (with *white top* protective lens)

*All bottom lenses are molded of opaque material. Consult factory for other lens colors.

10 LENS LEGEND OVER LAMP 1 [4]
**00**   No legend
For legend options, visit us at carlingtech.com

11 LEGEND ORIENTATION
0   No legend
1   Orientation 1
2   Orientation 2
3   Orientation 3
4   Orientation 4

1   **2**   **3**   **4**

12 LENS LEGEND OVER LAMP 2 [4]
00   No legend
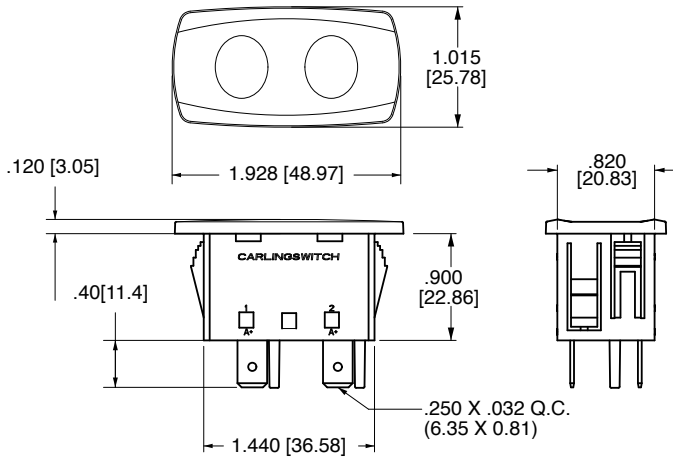For legend options, visit us at carlingtech.com

Notes:
1. Field 3 specifies lamp 1 is located over terminals 8 (+) & 7 (–).
   Field 4 specifies lamp 2 is located over terminals 10 (+) & 9 (–).
2. Field 6 specifies lens 1 is located over terminals 8 (+) & 7 (–).
   Field 7 specifies lens 2 is located over terminals 10 (+) & 9 (–).
3. Field 8 specifies lens 1 is located over terminals 8 (+) & 7 (–).
   Field 9 specifies lens 2 is located over terminals 10 (+) & 9 (–).
4. Field 10 specifies legend is over lens 1.
   Field 12 specifies legend is over lens 2.
5. If only one lens is chosen, it will be located over terminals 8 (+) & 7 (–).
6. Translucent lens is available with two piece lens option only.
7. Laser etched option is available with one piece lens.

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Dimensional Specifications: in. [mm]
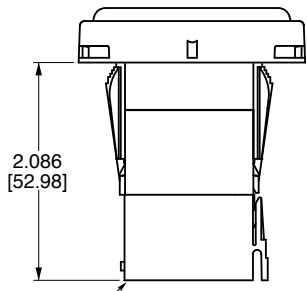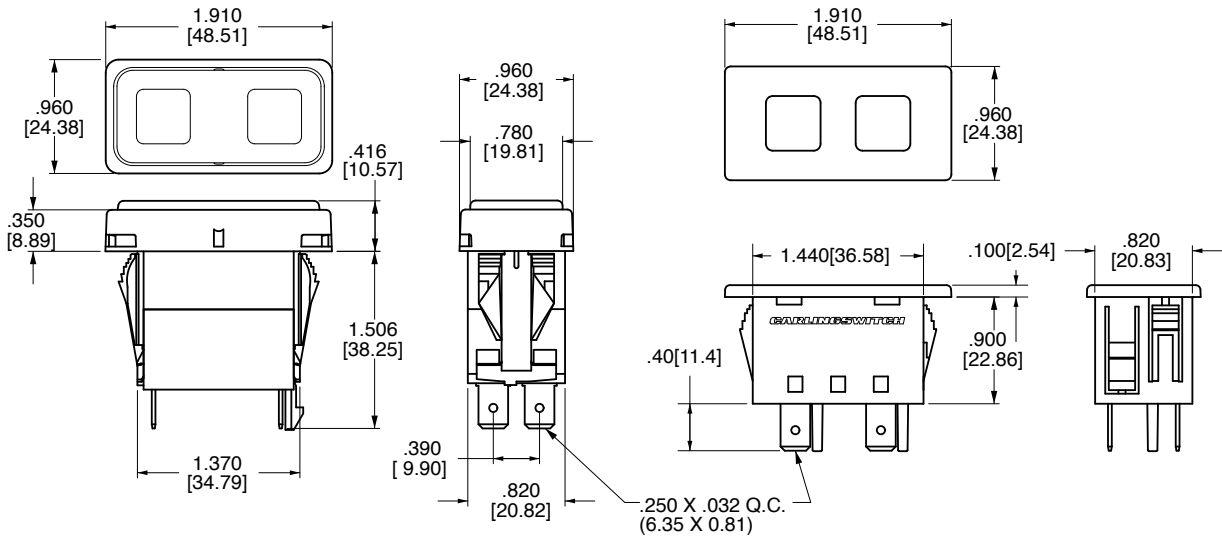
PLUG SHOWN WITH VC1 CONNECTOR

MARKING DETAIL FRONT VIEW
VC1 CONNECTOR HOUSING

PACKARD 630
VC1
AMP, PACKARD 58
10 3 2 1 8

HP1-01 ILLUMINATED PLUG CONNECTOR
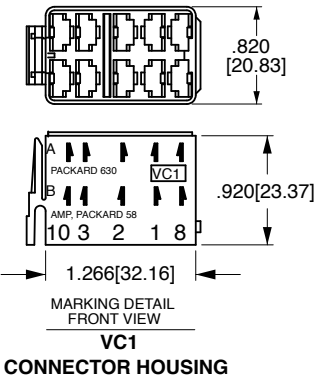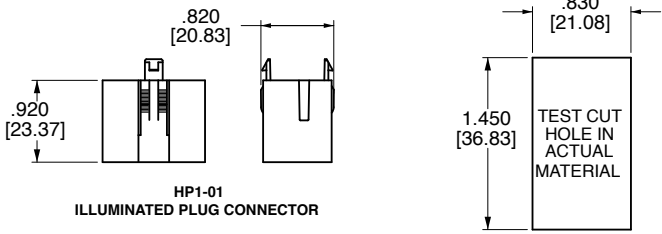
ILLUMINATED PLUG MOUNTING HOLE (OVAL, FLUSH AND RAISED BEZELS)

TEST CUT HOLE IN ACTUAL MATERIAL
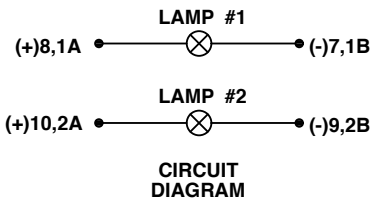
(OVAL, FLUSH AND RAISED BEZELS) MOUNTING PANEL THICKNESSES:

.062[1.57]	.250[6.35]
.093[2.36]	.375[9.52]
.125[3.17]	.500[12.70]
.187[4.75]	

LAMP #1

(+)8,1A ———⊗——— (-)7,1B

LAMP #2

(+)10,2A ———⊗——— (-)9,2B

CIRCUIT DIAGRAM

Notes:
Oval and flush bezel styles use terminals 1A, 1B, 2A, 2B. Raised bezel style uses terminals 7, 8, 9, 10.