

# W-Series

## Fully Sealed Rocker Switches

### Looking for a rugged, fully sealed rocker switch?



Carling Technologies set the standard for performance, reliability and aesthetics with the widely successful, often imitated, but never duplicated, V-Series rocker switches. Building further upon that platform, Carling is pleased to introduce the new fully sealed W-Series. The W-Series traditional appearance features complete IP68 protection, even below the panel, where the critical connection is made from your wiring harness. When used in conjunction with the integrated connector, the totally submersible W-Series provides a seal for up to ten individual wires, assuring compatibility with even the most complex circuitry.

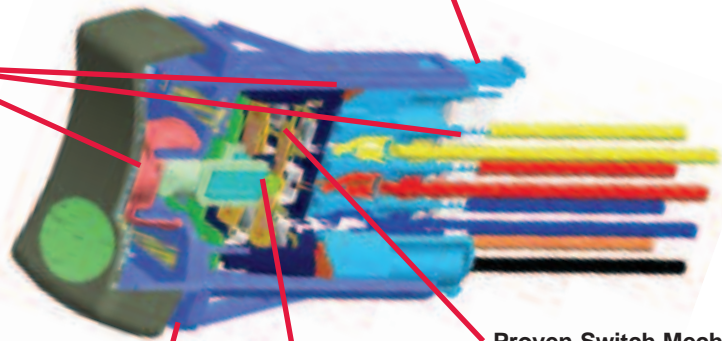
The W-Series also offers a wide variety of accoutrements including endless illumination options featuring dual level and multicolor LEDs, progressive and hazard warning circuits, ratings up to 10A 24V, choice of paddle, rocker, locking or laser etched actuators, hundreds of standard legend choices and the electrical performance and reliability that is the hallmark of Carling Technologies products.

#### Connector with Twin Locking Tabs

Provides sealed water tight connections as well as simple removal using only your hands.

#### Tri-Seal Design

Affords IP68 protection for the entire switch including terminals and connector



#### Proven Switch Mechanism

Butt-Action contacts are available in a wide variety of circuitry and platings to accommodate most any application.

#### An Easy Retrofit

W-Series fits industry standard mounting hole .830 x 1.450

#### Functionality Under Extreme Conditions

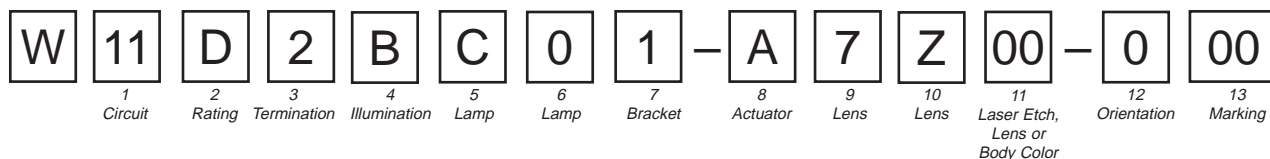
Roller pin mechanism is lubricant free, withstanding temperatures from -40°C to + 85°C.

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# W-Series Fully Sealed Rocker Catalog Ordering Scheme



### 1 CIRCUIT

SP CODE	DP CODE	DESCRIPTION
11	21	ON-NONE-OFF
12	22	(ON)-NONE-OFF
13	23	ON-NONE-(OFF)
14	24	ON-NONE-ON
15	25	ON-NONE-(ON)
16	26	ON-OFF-ON
17	27	ON-OFF-(ON)
18	28	(ON)-OFF-(ON)
-	49	ON-ON-ON

### 2 RATING CODES

CODE	DESCRIPTION
B	10A 24V
D	10A 12V
G	10A 6V
H	10A 3V

### 3 TERMINATION

CODE	DESCRIPTION
2	.110 TABS

### 4 ILLUMINATION

CODE	DESCRIPTION	LAMP WIRE TO TERMINALS
0	NO LAMP	
A	LAMP #1: INDEPENDENT	8+7-
B	LAMP #1: LENS DOWN WHEN LIT	3+7-
C	LAMP #2: LENS UP WHEN LIT	3+7-
D	LAMP #1: LENS DOWN WHEN LIT	3+7-
E	LAMP #2: LENS DOWN WHEN LIT	1+7-
F	LAMP #1: LENS UP WHEN LIT	1+7-
G	LAMP #2: LENS UP WHEN LIT	3+7-
H	LAMP #1: LENS INDEPENDENT WHEN LIT	8+7-
I	LAMP #2: LENS INDEPENDENT WHEN LIT	3+6-
J	LAMP #1: LENS INDEPENDENT WHEN LIT	8+7-
K	LAMP #2: LENS INDEPENDENT WHEN LIT	3+7-
L	LAMP #1: LENS DOWN WHEN LIT	8+7-
M	LAMP #2: LENS DOWN WHEN LIT	3+7-
N	LAMP #1: LENS UP WHEN LIT	8+7-
O	LAMP #2: LENS UP WHEN LIT	3+7-
P	LAMP #1: LENS DOWN WHEN LIT	1+4-
Q	LAMP #2: LENS DOWN WHEN LIT	1+4-
R	LAMP #1: LENS UP WHEN LIT	3+6-
S	LAMP #2: LENS UP WHEN LIT	3+7-
T	LAMP #1: LENS DOWN WHEN LIT	6+7-
U	LAMP #2: LENS DOWN WHEN LIT	6+7-
V	LAMP #1: LENS INDEPENDENT WHEN LIT	8+7-
W	LAMP #2: LENS INDEPENDENT WHEN LIT	8+7-
X	LAMP #1: LENS INDEPENDENT WHEN LIT	10+9-
Y	LAMP #2: LENS INDEPENDENT WHEN LIT	10+9-
Z	LAMP #1&#2: LENS INDEPENDENT WHEN LIT IN SERIES	10+9-
	LAMP #1&#2: LENS PARALLEL WHEN LIT IN SERIES	8+7-

### 5 LAMP #1 AND 6 LAMP #2

LED COLOR CODE		GREEN	WHITE	VOLTS
RED	AMBER			
A	L	F	4	2VDC
B	M	G	5	6VDC
C	N	H	6	12VDC
D	P	J	8	24VDC

### 7 BRACKET COLOR

CODE	DESCRIPTION
1	BLACK
2	WHITE
3	GRAY

### 8 ACTUATOR STYLES<sup>1</sup>

CODE	DESCRIPTION
3	BLACK ROCKER WITH LASER ETCH
A	BLACK ROCKER

### 9, 10 LENS OPTIONS & COLORS<sup>2</sup>

Z	NO LENS						STYLE
CLEAR	WHITE	AMBER	GREEN	RED	BLUE		
1	N/A	B	G	M	T		TRANSPARENT LARGE
N/A	7	C	H	N	U		TRANSLUCENT LARGE
3	N/A	D	J	P	V		TRANSPARENT BAR
N/A	9	E	K	R	W		TRANSLUCENT BAR
5	A	N/A	N/A	N/A	N/A		LASER ETCH BACKGROUND COLOR

### 11 LASER ETCH, LENS OR BODY COLORS

CODE	DESCRIPTION
00	NO LEGEND
SEE CATALOG LINE ART FOR IMAGES	

### 12 SWITCH ORIENTATION IN PANEL

CODE	DESCRIPTION
0	NO LEGEND
1	ORIENTATION 1
2	ORIENTATION 2
3	ORIENTATION 3
4	ORIENTATION 4

### 13 ACTUATOR MARKINGS/LEGENDS

CODE	DESCRIPTION
00	NO LEGEND