V	1	D	A	B	T	0	B	–	A	R	B	00	–	0	00
1 Series	2 Circuit	3 Rating	4 Termination	5 Illumination	6 Lamp	7 Lamp	8 Bracket		9 Actuator	10 Lens	11 Color	12 Legend		13 Legend Orientation	14 Actuator Lens Legend

1 SERIES
V

2 CIRCUIT
Terminal Connections as viewed from bottom of switch:

8 terminal
8 - - 7
1 - - 4
2 - - 5
3 - - 6

10 terminal
8 - - 7
1 - - 4
2 - - 5
3 - - 6
10 - - 9

( ) - momentary

SP - single pole - uses terminals 1, 2 & 3.
DP - double pole uses terminals 1, 2, 3, 4, 5 & 6.
Terminals 7, 8, 9 & 10 for lamp circuit only.

Position:		1	2	3
SP	DP	2 & 3, 5 & 6	Connected Terminals	1 & 2, 4 & 5
1	**A**	ON	NONE	OFF
2	**B**	(ON)	NONE	OFF
3	**C**	ON	NONE	(OFF)
4	**D**	ON	NONE	ON
5	**F**	ON	NONE	(ON)
6	**J**	ON	OFF	ON
7	**K**	ON	OFF	(ON)
8	**L**	(ON)	OFF	(ON)
SPECIAL CIRCUITS				
H*		2 & 3	2 & 3, 5 & 4	5 & 4
G*		2 & 3, 5 & 6	2 & 3	OFF
S		2 & 3, 5 & 6	2 & 3	1 & 2
M*		(2 & 3, 5 & 6)	2 & 3	OFF
R		(2 & 3, 5 & 6)	2 & 3	1 & 2
E*		5 & 6	5 & 3	5 & 1

*Jumper between terminals 2 & 5 for circuits H, G, & M 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[3]
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 6 only)
M .4VA/20A 12V
N .4VA/15A 24V

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	**4**	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
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	Actuator Lens position when Illuminated	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	1+ 7-
E	**5**	# 1	Up	1+ 7-
		&# 2	Up	3+ 7-
F	**6**	# 1	Independent	8+ 7-
		&# 2	Up	3+ 6-
G	**7**	# 1	Independent	8+ 7-
		&# 2	Up	3+ 7-
H	**Z**	# 2	Independent	8+ 7-
U	**Y**	# 1	Independent	8+ 7-
		&# 2	Independent	10+ 9-
Selections for Single Pole Switches Only:				
J	**8**	# 1	Down	3+ 8-
		&# 2	Independent	6+ 7-
K	**W**	# 1	Independent	8+ 7-
		&# 2	Independent	6+ 7-
Selections for Double Pole Switches Only:				
L	**9**	#1	Down	3+ 6-
M	**R**	# 2	Up	3+ 6-
N	**T**	# 1	Down	3+ 6-
		&# 2	Down	1+ 4-
P	**V**	# 1	Up	1+ 4-
		&# 2	Up	3+ 6-

6,7 LAMP (SAME CODING FOR BOTH SELECTIONS)
Selection 6: above terminals 1 & 4; Selection 7: above terminals 3 & 6

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

* Consult factory for "daylight bright" LED options. Typical current draw for LED is 20ma.

8 FLUSH BRACKET COLOR[1], PANEL SEAL

	Black	White	Gray
No Seal	**B**	**W**	**G**
One Seal	**C**	**Y**	**H**

9 ACTUATOR

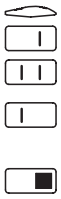
No Actuator	**0**	
Contura II	**A**	
	B	
Contura III	**C**	
	D	

Actuator orientation above terminals: 3,6 1,4

10 LENS
0 - No Actuator **Z** - No Lens

Clear	White	Amber	Green	Red	Blue
1	**6**	**B**	**G**	**M**	**T**
2	**7**	**C**	**H**	**N**	**U**
3	**8**	**D**	**J**	**P**	**V**
Square lens options available only for Contura II:					
4	**9**	**E**	**K**	**R**	**W**
5	**A**	**F**	**L**	**S**	**Y**

Lens color for LEDs must be clear, white, or match color of LED.
Green or blue lenses are not recommended with Neon lamps.



11 ACTUATOR COLOR[1] AND TEXTURE
0 - No Actuator

	Black	Gray	Red	White
Soft Surface	**B**	**G**	**R**	**W**
Hard Surface	**C**	**H**	**S**	**Y**

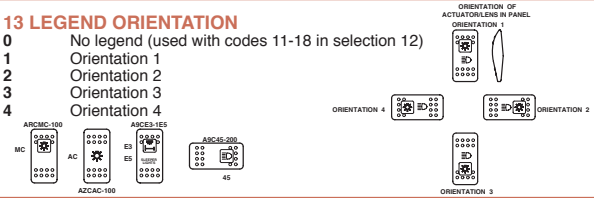
12 ACTUATOR LENS OR BODY LEGENDS[2]
11 ON / OFF **12** OFF / ON **13** I / O **14** O / I

15 O O / F N F **16** O O / F N F **17** O I **18** I O



For additional legend options & codes, see pages 54-65 of the Carling Transportation catalog

13 LEGEND ORIENTATION
0 No legend (used with codes 11-18 in selection 12)
1 Orientation 1
2 Orientation 2
3 Orientation 3
4 Orientation 4



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, see pages 54-65 of the Carling Transportation catalog

Notes:
Consult factory to verify horsepower rating for your particular circuit choice.
1 Custom colors are available. Consult factory.
2 Body legends not available on Soft surface actuators; White imprinting is standard on black actuators; Black imprinting is standard on white, red and gray actuators; Custom colors are available, consult factory.
3 Additional ratings available. See page 19.
4 Contura II available with two square lenses. Consult factory for details.