

# 1 ROCKER SWITCHES

## Full Size Euro-Look Rocker Switches

### DESCRIPTION

Eaton's **8004 and 8005 Euro-Look Series** features matte finish European styling and snap-in mounting. These durable switches, field-tested in the most demanding truck and marine applications, are available with a variety of standard actuator options. Options include concave, two-face, illuminated, non-illuminated, and the recessed feature which allows placement of your label on the face of our rocker. All switches in this rugged lineup can be fitted with a silicone rubber seal to provide moisture

and dust resistance. Additionally, these switches can be gang-mounted into a single panel opening. Panel blanks are also available.

### SPECIFICATIONS

**Ratings:**  
 15A @ 125V ac.  
 10A @ 250V ac.  
 3/4 HP @ 250V ac.  
 (Hp rating does not apply to lighted switches).  
 CUR marked.  
 Recommended up to 15A @ 28V dc.

### Circuits:

1PST, 1PDT, 2PST, and 2PDT.  
 Maintained and momentary action.

### Contact Mechanism:

Slow-make/Slow-break contact mechanism.

Butt action contact mechanism designed specifically for use on and low voltage applications.

### HOW TO ORDER — FULL SIZE

To determine your **Complete Catalog Number**, you must start with the appropriate **Base Circuit Number** and add the appropriate **Code Letters and/or Numbers** as in the example below:

Start with this Base Circuit Number	...add each appropriate Code Number or Letter...							...to get to your Complete Catalog Number
Base Circuit Catalog Number	Mounting Frame	Bulb Voltage	Lamp Wiring	Rocker Style	Rocker Color	Lens Color	Seal Option	Complete Catalog Number
<b>8005K20</b>	<b>N</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>V</b>	<b>3</b>	<b>2</b>	<b>8005K20N314V32</b>

### FULL SIZE SELECTION TABLE

Rating	Poles and Throw	Circuit with Rocker in			BASE CIRCUIT			CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER																																										
		UP Position	CENTER Position	DOWN Position	Termination Type			Mounting Frame	Bulb Voltage		Lamp Wiring		Rocker Style		Rocker Color		Lens Color		Seal Option																															
					.250" Spade Terminal	Solder Lugs	Screw Terminal		Color	Code	Voltage Type	Code	Type	Code	Type	Code	Color	Code	Color	Code	Type	Code																												
<b>NON-ILLUMINATED</b>																																																		
10A 250V ac	1 P.S.T.	2-3	NONE	OFF	8004K23	8004K24	8004K25	Black	N	N/A	N/A	N/A	N/A	Two Face	1	White	M	N/A	N/A	Non-Sealed	1																													
		2-3*	OFF	2-1	8004K35	8004K36	8004K37																																											
	1 P.D.T.	2-3	OFF	2-1	8004K20	8004K21	8004K22															White	M	N/A	N/A	N/A	N/A	Concave	7	Red	T	N/A	N/A	Sealed	2															
		2-3*	NONE	2-1	8004K26	8004K27	8004K28																																											
	15A 125V ac	2 P.S.T.	2-3, 5-6	NONE	OFF	8004K43	8004K44																													8004K45	Red	T	N/A	N/A	N/A	N/A	Paddle	6	Black	V	N/A	N/A	Sealed	2
			2-3, 5-6*	OFF	2-1*	8004K29	8004K30																													8004K31														
15A 28V dc	2 P.D.T.	2-3, 5-6	OFF	2-1, 5-4	8004K40	8004K41	8004K42	Gray	G	N/A	N/A	N/A	N/A	Recessed	0	Gray	G	N/A	N/A	Sealed	2																													
		2-3, 5-6	NONE	2-1, 5-4	8004K46	8004K47	8004K48																																											
	2 P.D.T. ①	2-3, 5-6*	OFF	2-1, 5-4*	8004K49	8004K50	8004K51															Gray	G	N/A	N/A	N/A	N/A	Recessed	0	Gray	G	N/A	N/A	Sealed	2															
		2-3, 5-6*	OFF	2-1, 5-4*	8004K52	8004K53	8004K54																																											
2 P.D.T. ②	2-3, 5-6	OFF	2-3	8004K58	8004K59	8004K60	Gray																													G	N/A	N/A	N/A	N/A	Recessed	0	Gray	G	N/A	N/A	Sealed	2		
	5-6	5-3	5-1	8004K61	8004K62	8004K63																																												
<b>ILLUMINATED</b>																																																		
10A 250V ac	1 P.S.T.	2-3	NONE	OFF	8005K23	8005K24		8005K25	Black	N	14V dc	3	Dependent on Circuit	1	Two Face w/1 Lens	3	White	M	N/A	N/A	Non-Sealed																												1	
		2-3*	OFF	2-1	8005K35	8005K36		8005K37																																										
	1 P.D.T.	2-3	OFF	2-1	8005K20	8005K21		8005K22														White	M	18V dc	7	Independent of Circuit	2	Two Face w/2 Lenses ③	4	Red	T	Green	3	Non-Sealed	1															
		2-3*	NONE	2-1	8005K26	8005K27	8005K28																																											
	15A 125V ac	2 P.S.T.	2-3, 5-6	NONE	OFF	8005K29	8005K30	8005K31																												Red	T	28V dc	4	Independent of Circuit	2	Concave w/1 Lens	8	Red	V	Amber	4	Sealed		2
			2-3*	OFF	2-1*	8005K32	8005K33	8005K34																																										
15A 28V dc	2 P.D.T. ④	2-3, 5-6	OFF	2-1, 5-4	8005K43	8005K44	8005K45	Red	T	125V Neon	1	Independent of Circuit	2	Concave w/2 Lenses ⑤	9	Black	V	No Lens	5	Sealed	2																													
		2-3, 5-6*	NONE	2-1, 5-4	8005K46	8005K47	8005K48																																											
	2 P.D.T. ⑤	2-3, 5-6	OFF	2-1, 5-4	8005K49	8005K50	8005K51															Gray	G	250V Neon	2	Independent of Circuit	2	Recessed w/1 Lens	2	Gray	G	Blue	6	Sealed	2															
		2-3, 5-6*	OFF	2-1, 5-4*	8005K52	8005K53	8005K54																																											

\*Momentary contact.

① 3A @ 250V ac, 6A @ 125V ac.

② 1/4 Hp @ 125-250V ac.

③ Not available with lamp wired independent of circuit and provided with (2) lamps and (2) lens only (use only rocker styles 4 and 9). Note: All double throw circuits both 1 pole and 2 pole require

(2) lamps and (2) lens when lamp wired dependent on circuit. When lamp wired independent of circuit for 1PDT switches: device is supplied with 1 lamp and (2) lens (lamp centered in open pole of base).

④ Available on single pole versions only.

**Contact Material:**

Movable — Silver plated copper with fine or coin silver contact face button.  
 Stationary — Copper with fine or coin silver contact face button.

**Mechanical Life:**

Momentary — 25,000 operations, minimum.  
 Maintained — 100,000 operations, minimum.

**Electrical Life:**

25,000 operations min. at full load.

**Terminal Type:**

Standard 6.35 mm (.250") spade — Brass.

**Screw — Brass (Cat. No. 811-2**

#6 – 32 x 3/16 binding head terminal screws are provided unassembled).

**Solder —** Tintillate plated brass. Tintillate spade terminals.

**Rocker Material:**

Custom styled, multicolored thermoplastic rocker actuators. The rocker and bezel are supplied with a matte finish.

**Lamps:**

Five lamp voltages, 14V dc, 18V dc, 28V dc, 125V ac neon, and 250V ac neon, are offered as standard. For additional lamp voltages, please contact your local Eaton Sales Representative.

**Base Material:**

Thermoset molding material.

**Dielectric:**

1,000V RMS, minimum.

**Mounting Means:**

Snap-in mounting with plastic bezel.

**Seal:**

Available in sealed and non-sealed versions. Sealed devices are furnished with a silicone rubber seal providing moisture and dust resistance.

**Lens Catalog Numbers**

(if ordered separately):

- 8005 Two-Face:**  
 Green . . . . . 28-3425  
 Amber . . . . . 28-3425-2  
 Red . . . . . 28-3425-3  
 Blue . . . . . 28-3425-4  
 White . . . . . 28-3425-5
- 8005 Concave:**  
 Red . . . . . 28-5148  
 Green . . . . . 28-5148-2  
 Amber . . . . . 28-5148-3  
 Blue . . . . . 28-5148-4  
 Clear . . . . . 28-5148-5

**Options:**

- Additional colors of rockers and mounting bezels are available.
- Special circuits.
- Special ratings.
- Dry circuit capabilities.
- Pad-printed legends on rocker & bezel.
- Special lamp voltages.
- Foam dust seal.
- Reversing jumpers.
- Printed circuit terminals and other terminal types.
- Dead back cover (two pole base) with wire leads.
- Matching indicators.
- Industry standard connector: **28-3426**, see page 4.26.
- Full size Euro-look gang mounting systems, see page 4.27.
- Full size Euro-look panel plugs: **17-19544-2**, see page 4.27.

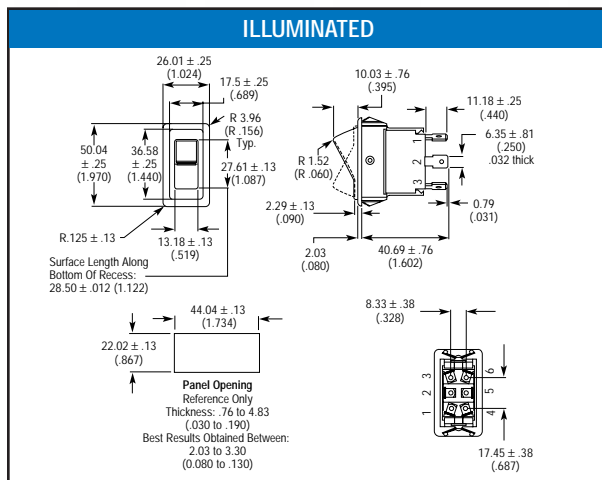
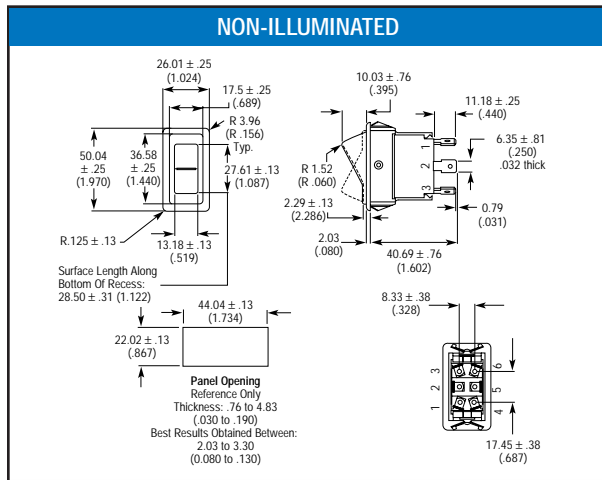
For information on optical features, contact your Eaton Sales Representative.

**Approvals:**

Underwriter recognized and recognized component for Canada (CUR marked): File E2702.



**DIMENSIONS** APPROXIMATE IN MM (INCHES)



8004K23N6V2  
Full Size



8005K21N319V22  
Full Size



8005K25N315V32  
Full Size



8005K21N319V62  
Full Size