

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
8005K20	N	3	1	4	V	3	2	8005K20N314V32

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														
NON-ILLUMINATED																																				
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*			8004K35	8004K36	8004K37																													
		2-3	OFF	2-1	8004K20	8004K21	8004K22																													
	1 P.D.T.	2-3	NONE	2-1	8004K26	8004K27	8004K28															White	M	N/A	N/A	N/A	N/A	Concave	7	Red	T	N/A	N/A	Sealed	2	
		2-3*	OFF	2-1	8004K29	8004K30	8004K31																													
		2-3*	OFF	2-1*	8004K32	8004K33	8004K34																													
	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*			8004K53	8004K54															8004K55														
	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	2-3	OFF	8004K58	8004K59	8004K60	Gray	G	N/A	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																														
ILLUMINATED																																				
10A 250V ac	1 P.S.T.	2-3	NONE	OFF	8005K23	8005K24	8005K25	Black	N	14V dc	3	7	1	Two Face w/1 Lens	3	White	M	N/A	N/A	Non-Sealed	1															
		2-3*	OFF	2-1	8005K35	8005K36	8005K37																													
		2-3	OFF	2-1	8005K20	8005K21	8005K22																													
	1 P.D.T.	2-3	NONE	2-1	8005K26	8005K27	8005K28															White	M	28V dc	4	1	2	Two Face w/2 Lenses ③	4	Red	T	N/A	N/A	Sealed	2	
		2-3*	OFF	2-1	8005K29	8005K30	8005K31																													
		2-3*	OFF	2-1*	8005K32	8005K33	8005K34																													
	15A 125V ac	2 P.S.T.	2-3, 5-6	NONE	OFF	8005K43	8005K44															8005K45	Red	T	125V Neon	1	2	Concave w/1 Lens	8	Black	V	N/A	N/A	Sealed	2	
			2-3, 5-6*	OFF	NONE	8005K53	8005K54															8005K55														
	15A 28V dc	2 P.D.T.④	2-3, 5-6	OFF	2-1, 5-4	8005K40	8005K41															8005K42	Gray	G	250V Neon	2	2	Recessed w/2 Lenses ⑤	9	Gray	G	N/A	N/A	Sealed	2	
			2-3, 5-6	NONE	2-1, 5-4	8005K46	8005K47															8005K48														
2 P.D.T.④		2-3, 5-6*	OFF	2-1, 5-4	8005K49	8005K50	8005K51	Gray	G	250V Neon	2	2	Recessed w/1 Lens	2	Gray	G	N/A	N/A	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.



8004K23N6V2
Full Size



8005K21N319V22
Full Size



8005K25N315V32
Full Size



8005K21N319V62
Full Size

DIMENSIONS APPROXIMATE IN MM (INCHES)

