

NGR Rocker Switches

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Product Description

Eaton presents its NGR Rocker Switches. This field-proven line of full-sized rocker switches, initially developed for the heavy truck industry, is now found in a variety of vehicle-related applications.

The NGR offers both European styling and ergonomic design while still providing the solid durability that you have come to expect from Eaton switches.

Illuminated and non-illuminated versions with either incandescent bulbs or LEDs are available in either dependent or independent circuits and in a variety of popular switching circuits.

The NGR also offers a variety of rocker buttons and indicators with laser-etched or pad-printed icons, insertable lenses and adhesive-backed labels.

Features

- Sealing
Standard switch provides splash and dust resistance to IP42. The sealed version is sealed to IP67 when supplied with panel seal.
- Rocker
The standard actuator for the NGR is a clean, European-styled, two-face rocker made of high-quality thermoplastic material. The rocker is replaceable and snaps on and off the switch. Both the rocker and the bezel are supplied with an aesthetically pleasing matte finish. Different colors are also available, but black is standard. Rockers can be ordered separately.

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- Lighting
Each switch is capable of accommodating two incandescent light bulbs or LEDs for lighting purposes. A lamp or LED can be located at either end of the switch and oriented to be circuit dependent or independent. The incandescent bulbs are front replaceable. Two lamp or LED voltages, 14 Vdc and 28 Vdc, are standard. For additional voltages or colors, consult your local Eaton Sales Representative.

Standards and Certifications

- Approvable under stringent UL and CSA standards
- For information, contact your local Eaton Sales Representative
- RoHS Compliant ^①



Note

^① Visit www.eaton.com/vcbu for the most up-to-date list of verified part numbers.

Options

- Circuits
 - 1PST, 1PDT, 2PST and 2PDT
 - Maintained and momentary action
- Common lamp ground jumper for dual lamp units
- Multiple LEDs for daylight readability
- Additional colors of rockers, mounting bezels and lenses are available
- Special circuits
- Special ratings
- Pad-printed legends on lens, rocker and bezel
- Special lamps and lamp voltages
- Dry circuit capabilities
- Custom back-lit legends available
- Reversing jumpers (internal)
- Gang mounting system, see **Page V11-T2-77**
- Locking rocker with locking feature in UP and/or DOWN positions
- Indicators with laser-etched or insertable lenses, or adhesive labels
- IP67 rated sealed switch
- Polarized lock-on connectors, see **Page V11-T2-76**
 - 28-5637-2 for Packard terminals
 - 28-5940 for AMP terminals
- Panel plug 17-21543
- Replacement bulb catalog number
 - 14V: 28-5901
 - 28V: 28-5909

For more information on additional options, contact your local Eaton Sales Representative.

Legends

Two legend areas are provided on the ends of each rocker of sufficient size to accommodate two lines consisting of four Helvetica Narrow 12-point characters. Legends may be non-illuminated or illuminated. The NGR offers three styles of illuminated legends.

Single-piece back-lit—Back-lighting is a high-quality automotive/truck industry technique. The legend can appear daylight white or dead-front when non-illuminated but, depending on the back-lit color chosen, will change color when illuminated. Examples of standard back-lit legends are found on **Pages V11-T2-80 to V11-T2-94**.

Snap-in lenses—This rocker will have either one or two snap-in lenses in the legend areas. Legends are typically pad-printed on the lens in black or white. Snap-in lenses are available in six standard colors and can be ordered separately.

Label rocker—This rocker has a one-piece adhesive-backed label inserted into a recessed area on the face of the button. Legends can be done in several colors and be illuminated or non-illuminated. Contact your local Eaton Sales Representative for suggested sources.

Flexible Ordering System

You can order assembled switches or the switch base and actuator separately.

Use the final code in the switch base catalog number, **Page V11-T2-10**, to denote assembly instructions.



To order rocker and switch base assembled, contact your local Eaton Sales Representative.

To order rocker buttons, see **Page V11-T2-11**.

To order lenses, see **Page V11-T2-13**.

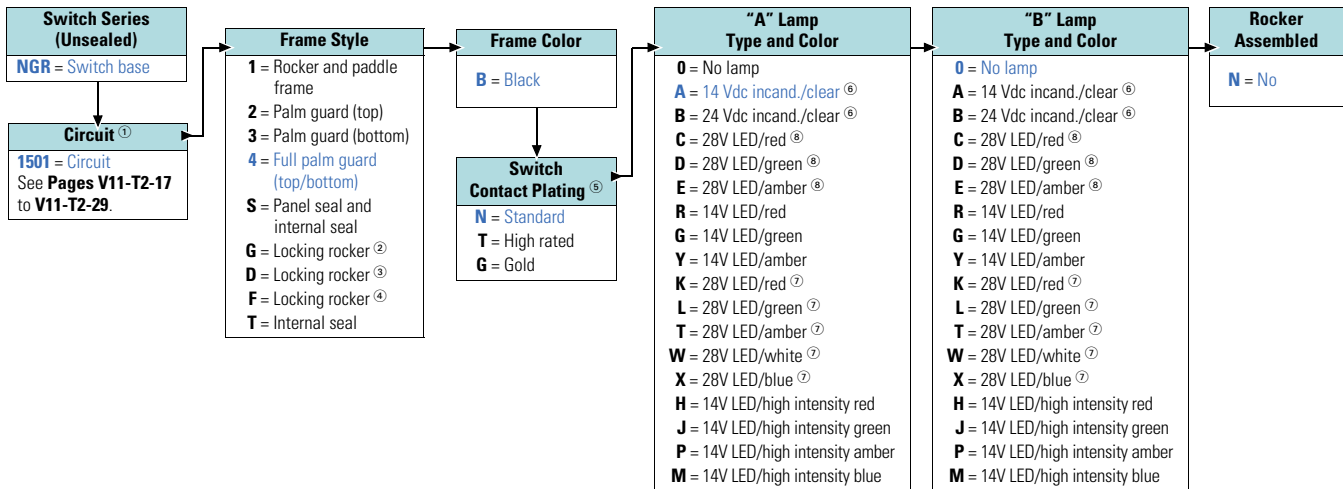
To order indicator caps, see **Page V11-T2-15**. For a complete indicator, see **Page V11-T2-14**.

Catalog Number Selection

How To Order—Switch Base

To determine complete catalog number, start with the appropriate base prefix and add the appropriate code letters and/or numbers.

Example: NGR 1501 4 B N A 0 N



Notes

- ① Circuits show lighting options available. See **Pages V11-T2-17 to V11-T2-29**.
- ② Locks in DOWN position.
- ③ Locks in UP and DOWN positions.
- ④ Locks in UP position.
- ⑤ Switch contact construction plating—
 N = Standard: Recommended for use on loads up to 12 amps at 14 Vdc.
 T = High Rated: Recommended for use on loads greater than 12 amps at 14 Vdc.
 G = Gold: Recommended for use on dry circuit/low level switching.
- ⑥ Replaceable.
- ⑦ Replaceable/wedge base LED.
- ⑧ PCB version LED.

Rocker Buttons/Actuators

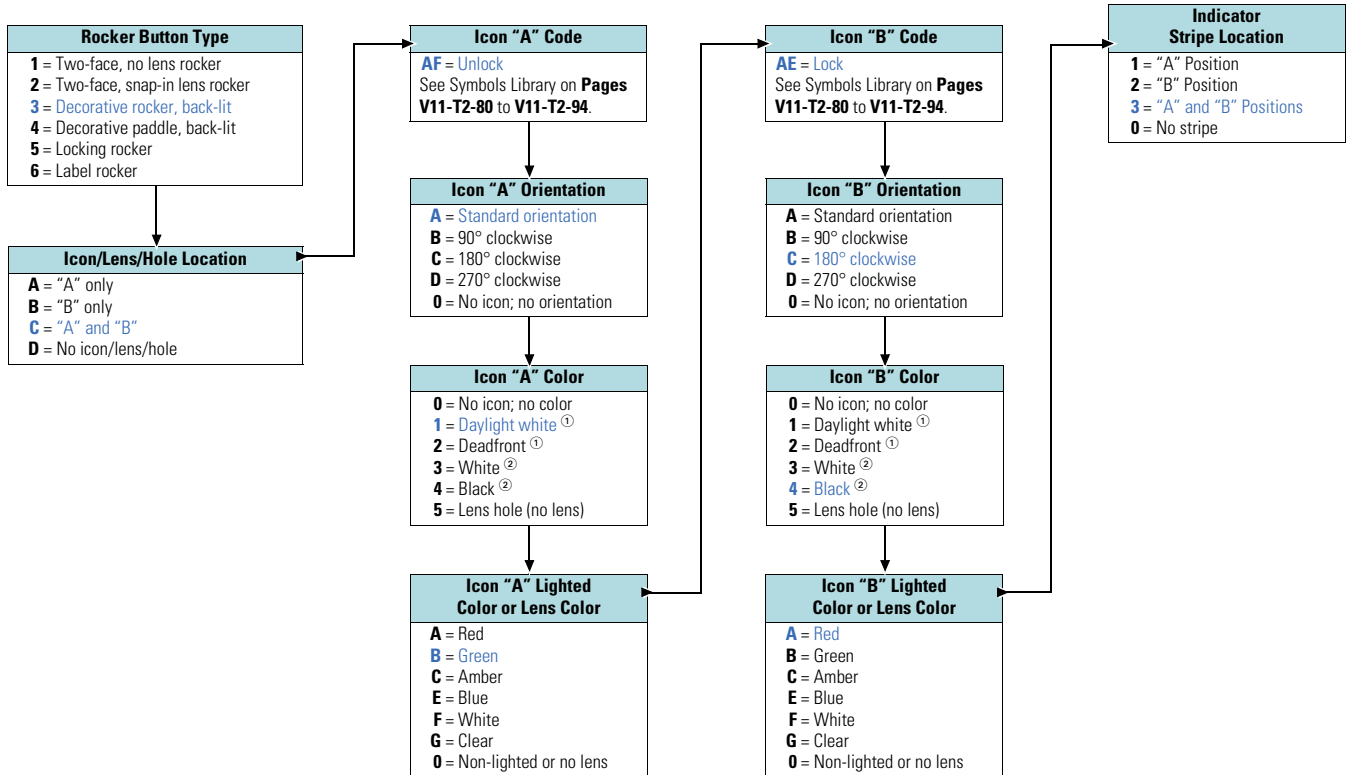


Catalog Number Selection

How To Order—Rocker Buttons/Actuators

To determine complete catalog number, start with the appropriate button type and add the appropriate code letters and/or numbers.

Example: **3 C A F A 1 B A E C 4 A 3**

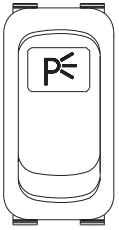


Notes

- ① Decorative rocker only.
- ② Two-face rocker only.

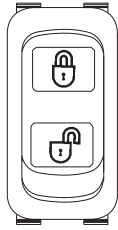
Icon Location Examples

Location A



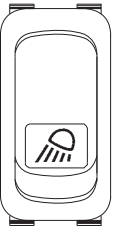
Rocker with Icon in "A" Position (Code A)

Location C



Rocker with Icon in "C" Position (Code C)

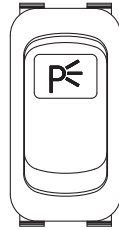
Location B



Rocker with Icon in "B" Position (Code B)

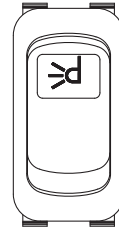
Icon Orientation Examples

Orientation A



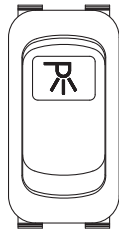
Rocker with Standard Orientation (Code A)

Orientation C



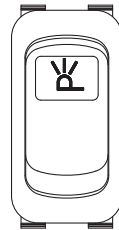
Rocker with Icon at 180° Clockwise (Code C)

Orientation B



Rocker with Icon at 90° Clockwise (Code B)

Orientation D



Rocker with Icon at 270° Clockwise (Code D)



Lens Selection

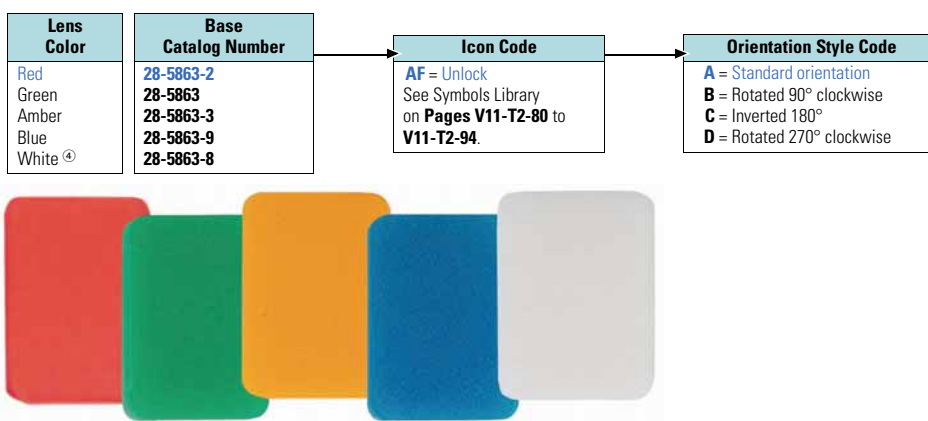
For NGR Rocker Type "2" and Indicator Type "2CAP" only.

Catalog Number Selection

How To Order—Translucent Lenses ①②

To determine complete catalog number, start with the appropriate base prefix and add the appropriate code letters and/or numbers.

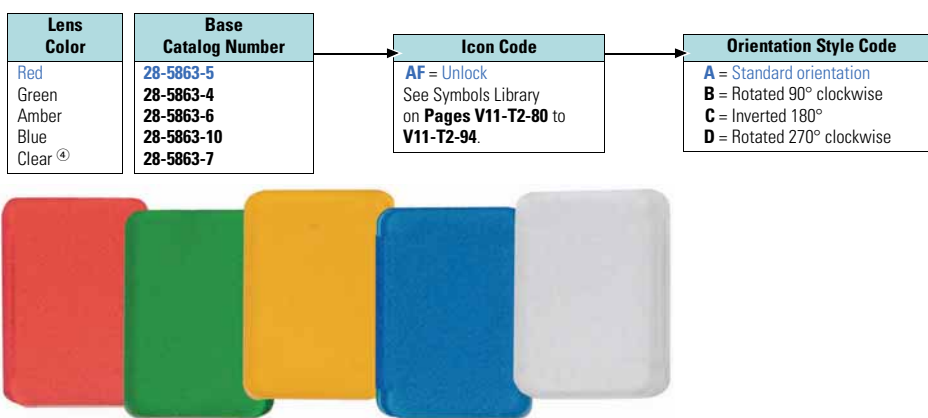
Example: **28-5863-2 AF A**



How To Order—Transparent Lenses ①②

To determine complete catalog number, start with the appropriate base prefix and add the appropriate code letters and/or numbers.

Example: **28-5863-5 AF A**



Notes

- ① When ordering a lens with an icon for the code **B** (bottom) position, specify code **C** orientation.
- ② Standard lens type.
- ③ Non-standard lens type.
- ④ Standard pad print for white and clear lens is black.

Complete Indicator and Indicator Cap Assembled

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NGR Complete Indicators and Indicator Caps

To order rocker buttons, see **Page V11-T2-11**.

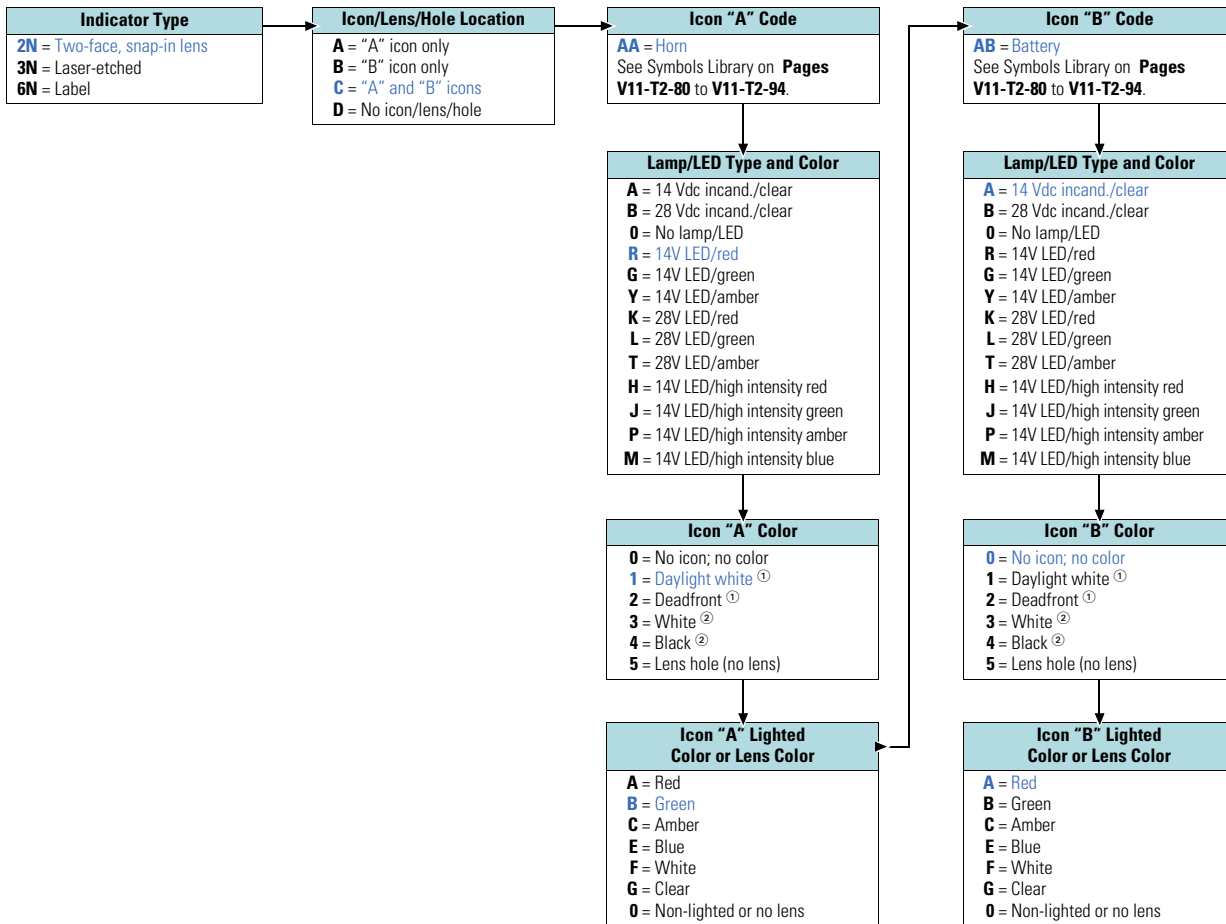
To order lenses, see **Page V11-T2-13**.

Catalog Number Selection

How To Order—Complete Indicator

To determine complete catalog number, start with the appropriate indicator type and add the appropriate code letters and/or numbers.

Example: **2N C AA R 1 B AB A 0 A**



Notes

^① Decorative rocker only.

^② Two-face rocker only.



NGR Indicator Base and Indicator Caps

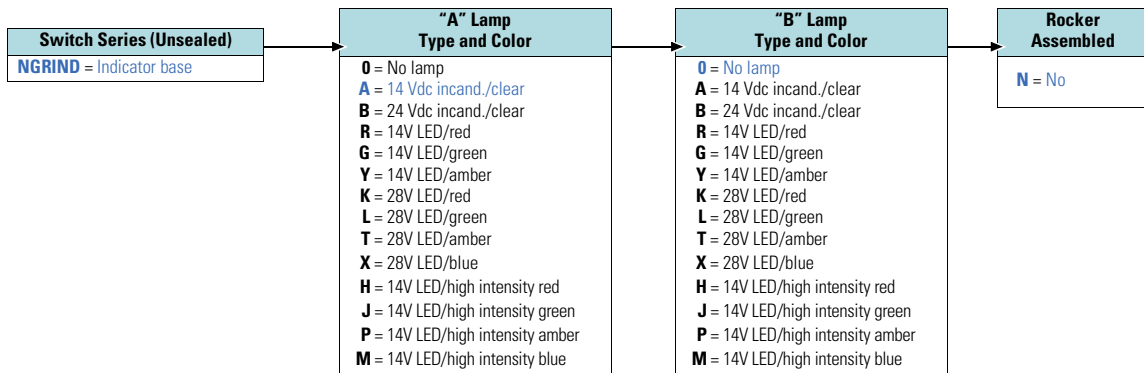
To order rocker buttons, see **Page V11-T2-11**.
 To order lenses, see **Page V11-T2-13**.
 To order complete indicator, see **Page V11-T2-14**.

Catalog Number Selection

How To Order—Indicator Base

To determine complete catalog number, start with the appropriate base prefix and add the appropriate code letters and/or numbers.

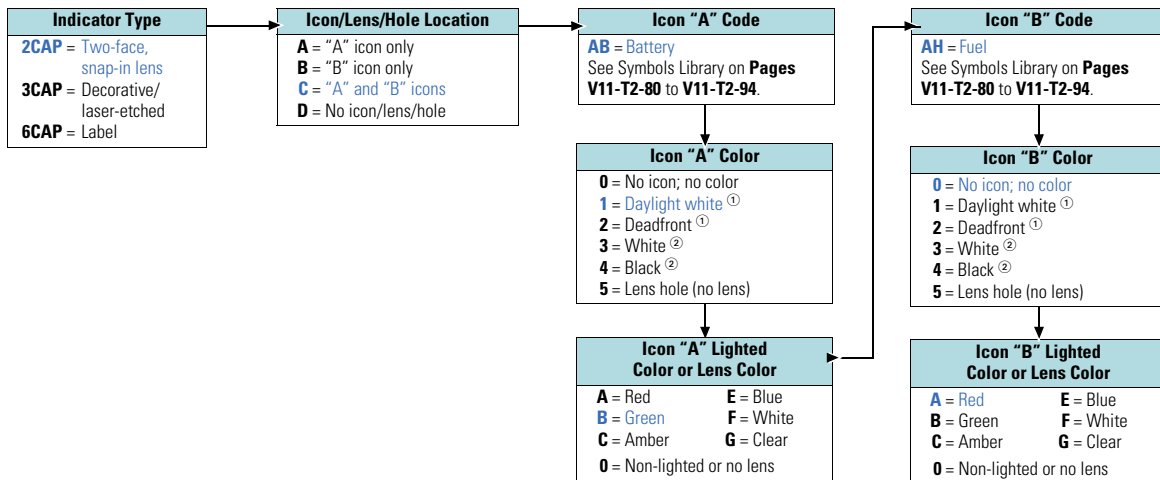
Example: NGRIND A 0 N



How To Order—Indicator Cap

To determine complete catalog number, start with the appropriate indicator type and add the appropriate code letters and/or numbers.

Example: 2CAP C AB 1 B AH 0 A



Notes

- ① Decorative rocker only.
- ② Two-face rocker only.

Technical Data and Specifications

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NGR Rocker Switches

Description	Specification
Ratings ^①	15A at 125 Vac, 10A at 250 Vac 15A at 28 Vdc (14 Vdc rating) Approvable under stringent UL and CSA standards
Contact mechanism	Slow-make/slow-break contact mechanism Butt action contact mechanism designed specifically for use on AC and low voltage DC applications
Contact material— Standard construction	Movable—copper alloy with silver alloy contact face button Stationary—silver-plated copper alloy with silver alloy contact face button
Mechanical life	250,000 operations, minimum
Electrical life	200,000 operations, minimum
Terminal type	Standard 0.25 in (6.35 mm) spade, silver-plated copper alloy
Base material	High-grade thermoplastic molding material
Dielectric	1000V rms, minimum
Mounting means	Snap-in mounting with plastic bezel
Mounting hole	Rectangular panel cutout 1.734 x 0.867 in (44 x 22 mm)
Panel thickness	0.040 to 0.156 in (1.0 to 4.0 mm) ^{② ③}
IP rating	Standard IP42; sealed option IP67
Operating temperature range	–40° to 185°F (–40° to 85°C)

Notes

- ① For information, contact your local Eaton Sales Representative.
- ② Best results obtained between 0.060 and 0.118 in (1.5 and 3.0 mm).
- ③ On sealed versions, recommended panel thickness between 0.079 and 0.118 in (2.0 and 3.0 mm).

Standard Circuit Diagrams

Single-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1001		OFF	NONE	ON
1501		OFF	NONE	ON
1502		OFF	NONE	ON
1503		OFF	NONE	ON
1504		OFF	NONE	ON
1505		OFF	NONE	ON
1506		OFF	NONE	ON
1507		OFF	NONE	ON
1508		OFF	NONE	ON

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
2001		OFF	NONE	ON
2501		OFF	NONE	ON
2502		OFF	NONE	ON
2503		OFF	NONE	ON
2504		OFF	NONE	ON
2505		OFF	NONE	ON
2506		OFF	NONE	ON
2507		OFF	NONE	ON
2508		OFF	NONE	ON

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Rockers

NGR Rocker Switches

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Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1002		OFF	NONE	MOM. ON 2B-3
1521		OFF	NONE	MOM. ON 2B-3-9
1522		OFF	NONE	MOM. ON 2B-3-10
1523		OFF	NONE	MOM. ON 2B-3
1524		OFF	NONE	MOM. ON 2B-3
1525		OFF	NONE	MOM. ON 2B-3-9
1526		OFF	NONE	MOM. ON 2B-3-10
1528		OFF	NONE	MOM. ON 2B-3

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
2002		OFF	NONE	MOM. ON 2B-3 5B-6
2521		OFF	NONE	MOM. ON 2B-3-9 5B-6
2522		OFF	NONE	MOM. ON 2B-3-10 5B-6
2523		OFF	NONE	MOM. ON 2B-3 5B-6
2524		OFF	NONE	MOM. ON 2B-3 5B-6
2525		OFF	NONE	MOM. ON 2B-3-9 5B-6
2526		OFF	NONE	MOM. ON 2B-3-10 5B-6
2528		OFF	NONE	MOM. ON 2B-3 5B-6

Single-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1003		ON	NONE	ON
		2B-1	—	2B-3
1541		ON	NONE	ON
		2B-1	—	2B-3-9
1542		ON	NONE	ON
		2B-1	—	2B-3-10
1543		ON	NONE	ON
		2B-1	—	2B-3
1544		ON	NONE	ON
		2B-1	—	2B-3
1545		ON	NONE	ON
		2B-1	—	2B-3-9
1546		ON	NONE	ON
		2B-1	—	2B-3-10
1547		ON	NONE	ON
		2B-1-10	—	2B-3-9
1548		ON	NONE	ON
		2B-1	—	2B-3

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
2003		ON	NONE	ON
		2B-1	—	2B-3 5B-6
2541		ON	NONE	ON
		2B-1	—	2B-3-9 5B-6
2542		ON	NONE	ON
		2B-1	—	2B-3-10 5B-6
2543		ON	NONE	ON
		2B-1	—	2B-3 5B-6
2544		ON	NONE	ON
		2B-1	—	2B-3 5B-6
2545		ON	NONE	ON
		2B-1	—	2B-3-9 5B-6
2546		ON	NONE	ON
		2B-1	—	2B-3-10 5B-6
2547		ON	NONE	ON
		2B-1-10	—	2B-3-9 5B-6
2548		ON	NONE	ON
		2B-1	—	2B-3 5B-6

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NGR Rocker Switches

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Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1004		ON	OFF	ON
		2B-1	—	2B-3
1561		ON	OFF	ON
		2B-1	—	2B-3-9
1562		ON	OFF	ON
		2B-1	—	2B-3-10
1563		ON	OFF	ON
		2B-1	—	2B-3
1564		ON	OFF	ON
		2B-1	—	2B-3
1565		ON	OFF	ON
		2B-1	—	2B-3-9
1566		ON	OFF	ON
		2B-1	—	2B-3-10
1567		ON	OFF	ON
		2B-1-10	—	2B-3-9
1568		ON	OFF	ON
		2B-1	—	2B-3

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
2004		ON	OFF	ON
		2B-1	—	2B-3 5B-6
2561		ON	OFF	ON
		2B-1	—	2B-3-9 5B-6
2562		ON	OFF	ON
		2B-1	—	2B-3-10 5B-6
2563		ON	OFF	ON
		2B-1	—	2B-3 5B-6
2564		ON	OFF	ON
		2B-1	—	2B-3 5B-6
2565		ON	OFF	ON
		2B-1	—	2B-3-9 5B-6
2566		ON	OFF	ON
		2B-1	—	2B-3-10 5B-6
2567		ON	OFF	ON
		2B-1-10	—	2B-3-9 5B-6
2568		ON	OFF	ON
		2B-1	—	2B-3 5B-6

Single-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1005		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3
1581		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-9
1582		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-10
1583		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3
1584		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3
1585		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-9
1586		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-10
1587		MOM. ON	OFF	MOM. ON
		2B-1-10	—	2B-3-9
1588		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
2005		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3 5B-6
2581		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-9 5B-6
2582		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-10 5B-6
2583		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3 5B-6
2584		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3 5B-6
2585		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-9 5B-6
2586		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3-10 5B-6
2587		MOM. ON	OFF	MOM. ON
		2B-1-10	—	2B-3-9 5B-6
2588		MOM. ON	OFF	MOM. ON
		2B-1	—	2B-3 5B-6

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Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1006		ON	OFF	MOM. ON
		2B-1	—	2B-3
1601		ON	OFF	MOM. ON
		2B-1	—	2B-3-9
1602		ON	OFF	MOM. ON
		2B-1	—	2B-3-10
1603		ON	OFF	MOM. ON
		2B-1	—	2B-3
1604		ON	OFF	MOM. ON
		2B-1	—	2B-3
1605		ON	OFF	MOM. ON
		2B-1	—	2B-3-9
1606		ON	OFF	MOM. ON
		2B-1	—	2B-3-10
1607		ON	OFF	MOM. ON
		2B-1-10	—	2B-3-9
1608		ON	OFF	MOM. ON
		2B-1	—	2B-3

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Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
2006		ON	OFF	MOM. ON
		2B-1	—	2B-3
		5B-4	—	5B-6
2601		ON	OFF	MOM. ON
		2B-1	—	2B-3-9
		5B-4	—	5B-6
2602		ON	OFF	MOM. ON
		2B-1	—	2B-3-10
		5B-4	—	5B-6
2603		ON	OFF	MOM. ON
		2B-1	—	2B-3
		5B-4	—	5B-6
2604		ON	OFF	MOM. ON
		2B-1	—	2B-3
		5B-4	—	5B-6
2605		ON	OFF	MOM. ON
		2B-1	—	2B-3-9
		5B-4	—	5B-6
2606		ON	OFF	MOM. ON
		2B-1	—	2B-3-10
		5B-4	—	5B-6
2607		ON	OFF	MOM. ON
		2B-1-10	—	2B-3-9
		5B-4	—	5B-6
2608		ON	OFF	MOM. ON
		2B-1	—	2B-3
		5B-4	—	5B-6

Single-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1007		ON	NONE	MOM ON
		2B-1	—	2B-3
1621		ON	NONE	MOM ON
		2B-1	—	2B-3-9
1622		ON	NONE	MOM ON
		2B-1	—	2B-3-10
1623		ON	NONE	MOM ON
		2B-1	—	2B-3
1624		ON	NONE	MOM ON
		2B-1	—	2B-3
1625		ON	NONE	MOM ON
		2B-1	—	2B-3-9
1626		ON	NONE	MOM ON
		2B-1	—	2B-3-10
1627		ON	NONE	MOM ON
		2B-1-10	—	2B-3-9
1628		ON	NONE	MOM ON
		2B-1	—	2B-3

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
2007		ON	NONE	MOM ON
		2B-1	—	2B-3 5B-6
2621		ON	NONE	MOM ON
		2B-1	—	2B-3-9 5B-6
2622		ON	NONE	MOM ON
		2B-1	—	2B-3-10 5B-6
2623		ON	NONE	MOM ON
		2B-1	—	2B-3 5B-6
2624		ON	NONE	MOM ON
		2B-1	—	2B-3 5B-6
2625		ON	NONE	MOM ON
		2B-1	—	2B-3-9 5B-6
2626		ON	NONE	MOM ON
		2B-1	—	2B-3-10 5B-6
2627		ON	NONE	MOM ON
		2B-1-10	—	2B-3-9 5B-6
2628		ON	NONE	MOM ON
		2B-1	—	2B-3 5B-6

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Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
3003		OFF	ON	ON
3541		OFF	ON	ON
3542		OFF	ON	ON
3543		OFF	ON	ON
3544		OFF	ON	ON
3545		OFF	ON	ON
3546		OFF	ON	ON
3547		OFF	ON	ON
3548		OFF	ON	ON

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
3004		OFF	ON	ON
3561		OFF	ON	ON
3562		OFF	ON	ON
3563		OFF	ON	ON
3564		OFF	ON	ON
3565		OFF	ON	ON
3566		OFF	ON	ON
3567		OFF	ON	ON
3568		OFF	ON	ON

Single-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
5001		ON	NONE	OFF
5501		ON	NONE	OFF
5502		ON	NONE	OFF
5503		ON	NONE	OFF
5504		ON	NONE	OFF
5505		ON	NONE	OFF
5506		ON	NONE	OFF
5507		ON	NONE	OFF
5508		ON	NONE	OFF

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
5510		ON	NONE	OFF
5511		ON	NONE	OFF
5512		ON	NONE	OFF
5513		ON	NONE	OFF
5514		ON	NONE	OFF
5515		ON	NONE	OFF
5516		ON	NONE	OFF
5517		ON	NONE	OFF
5518		ON	NONE	OFF

2.2

Rockers

NGR Rocker Switches

Single-Pole

2

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
5002		MOM. ON	NONE	OFF
		2B-1	—	—
5521		MOM. ON	NONE	OFF
		2B-1-9	—	—
5522		MOM. ON	NONE	OFF
		2B-1-10	—	—
5523		MOM. ON	NONE	OFF
		2B-1	—	—
5524		MOM. ON	NONE	OFF
		2B-1	—	—
5525		MOM. ON	NONE	OFF
		2B-1-9	—	—
5526		MOM. ON	NONE	OFF
		2B-1-10	—	—
5528		MOM. ON	NONE	OFF
		2B-1	—	—

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
5003		ON	ON	OFF
		2A-1	2A-2B	2B-3
5541		ON	ON	OFF
		2A-1	2A-2B	2B-3-9
5542		ON	ON	OFF
		2A-1	2A-2B	2B-3-10
5543		ON	ON	OFF
		2A-1	2A-2B	2B-3
5544		ON	ON	OFF
		2A-1	2A-2B	2B-3
5545		ON	ON	OFF
		2A-1	2A-2B	2B-3-9
5546		ON	ON	OFF
		2A-1	2A-2B	2B-3-10
5547		ON	ON	OFF
		2A-1-10	2A-2B	2B-3-9
5548		ON	ON	OFF
		2A-1	2A-2B	2B-3

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...			Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position			DOWN Position	CENTER Position	UP Position
3001		ON	ON	ON	3002		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3 5B-6
3501		ON	ON	ON	3521		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3-9	2B-3-9 5B-6			2B-1 5B-4	2B-3-9 5B-4	2B-3-9 5B-6
3502		ON	ON	ON	3522		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3-10	2B-3-10 5B-6			2B-1 5B-4	2B-3-10 5B-4	2B-3-10 5B-6
3503		ON	ON	ON	3523		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3 5B-6
3504		ON	ON	ON	3524		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3 5B-6
3505		ON	ON	ON	3525		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3	2B-3 5B-6			2B-1 5B-4	2B-3-9 5B-4	2B-3-9 5B-6
3506		ON	ON	ON	3526		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3	2B-3 5B-6			2B-1 5B-4	2B-3-10 5B-4	2B-3-10 5B-6
3507		ON	ON	ON	3527		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3-9	2B-3-9 5B-6			2B-1-10 5B-4	2B-3-9 5B-4	2B-3-9 5B-6
3508		ON	ON	ON	3528		OFF	1-ON	2-ON
		5B-4-2B-1	5B-4-2B-3	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3 5B-6

2.2

Rockers

NGR Rocker Switches

Two-Pole

2

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
3005		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3 5B-6
3581		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3-9 5B-6
3582		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3-10 5B-6
3583		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3 5B-6
3584		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3 5B-6
3585		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3-9 5B-6
3586		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3-10 5B-6
3587		MOM. ON	ON	MOM. ON
		2B-1-10 5B-4	2B-1-10 5B-6	2B-3-9 5B-6
3588		MOM. ON	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-6	2B-3 5B-6

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
4001		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3 5B-6
4501		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3-9 5B-6
4502		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3-10 5B-6
4503		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3 5B-6
4504		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3 5B-6
4505		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3-9 5B-6
4506		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3-10 5B-6
4507		NONE	ON	MOM. ON
		2B-1-10 5B-4	2B-1-10 5B-4	2B-3-9 5B-6
4508		NONE	ON	MOM. ON
		2B-1 5B-4	2B-1 5B-4	2B-3 5B-6

Two-Pole

Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...			Circuit No.	Schematic (Shown in UP Position)	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position			DOWN Position	CENTER Position	UP Position
5004		ON	ON	OFF	5005		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3 5B-6
5561		ON	ON	OFF	5581		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3-9 5B-6			2B-1 5B-4	2B-3-9 5B-4	2B-3-9 5B-6
5562		ON	ON	OFF	5582		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3-10 5B-6			2B-1 5B-4	2B-3-10 5B-4	2B-3-10 5B-6
5563		ON	ON	OFF	5583		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3 5B-6
5564		ON	ON	OFF	5584		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3 5B-6
5565		ON	ON	OFF	5585		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3-9 5B-6			2B-1 5B-4	2B-3-9 5B-4	2B-3-9 5B-6
5566		ON	ON	OFF	5586		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3-10 5B-6			2B-1 5B-4	2B-3-10 5B-4	2B-3-10 5B-6
5567		ON	ON	OFF	5587		2-ON	1-ON	OFF
		2A-1-10 5A-4	2A-2B 5A-5B	2B-3-9 5B-6			2B-1-10 5B-4	2B-3-9 5B-4	2B-3-9 5B-6
5568		ON	ON	OFF	5588		2-ON	1-ON	OFF
		2A-1 5A-4	2A-2B 5A-5B	2B-3 5B-6			2B-1 5B-4	2B-3 5B-4	2B-3-9 5B-6
6001		ON	NONE	ON			2A-2B-5A-5B- 10-1-4-3	—	3-6-1

2.2

Rockers

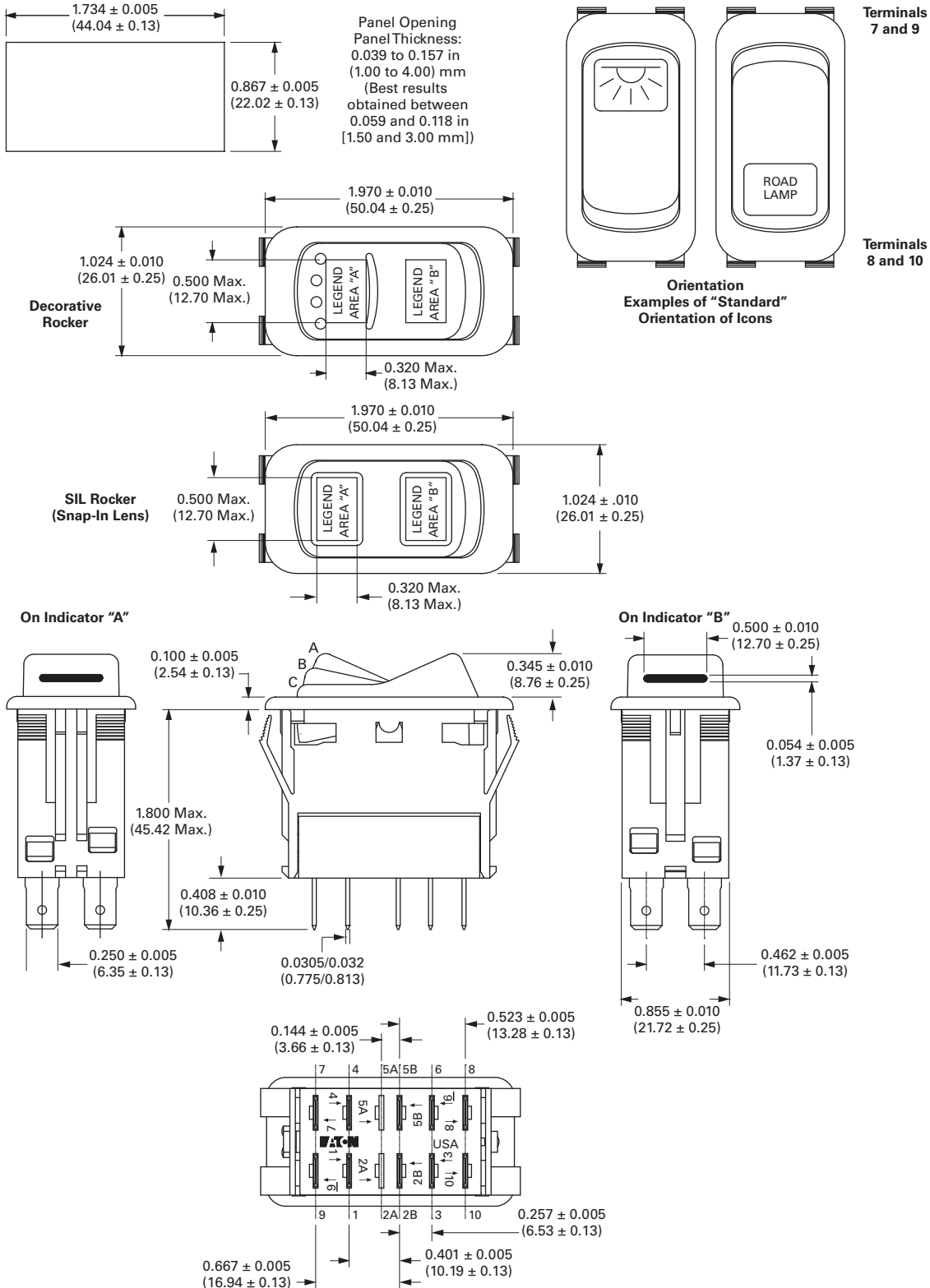
NGR Rocker Switches

Dimensions

Approximate Dimensions in Inches (mm)

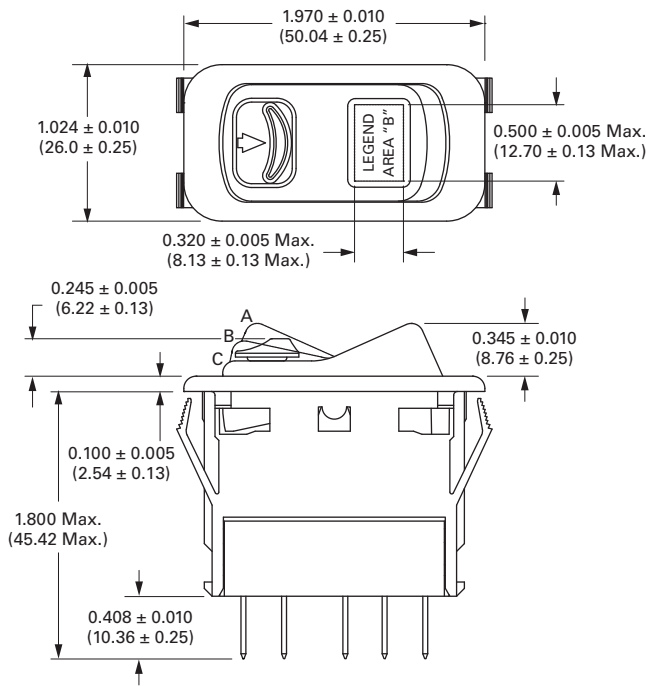
2

Switch Base with Rocker Button

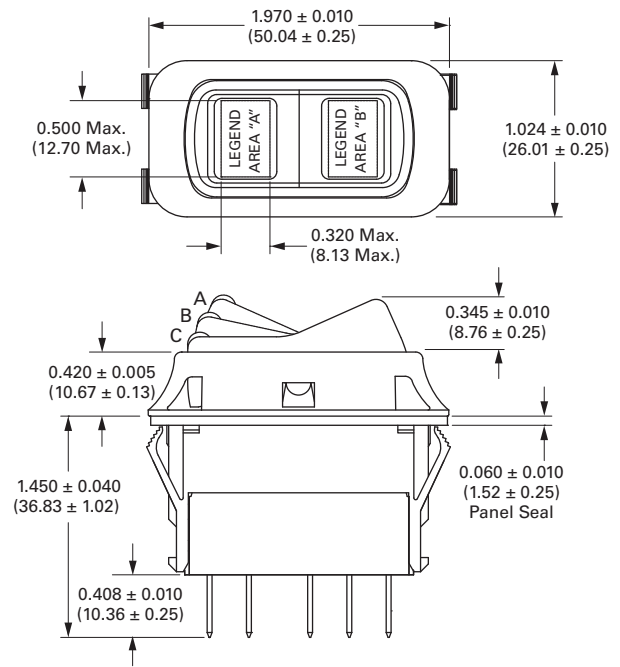


Approximate Dimensions in Inches (mm)

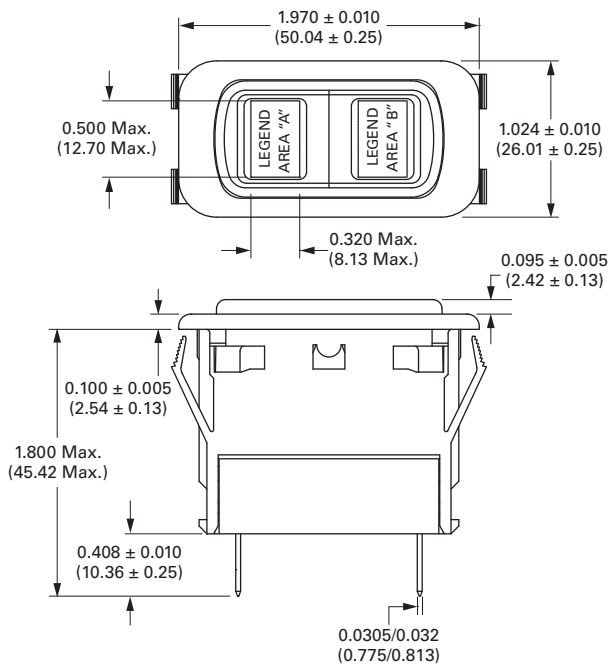
Locking Rocker



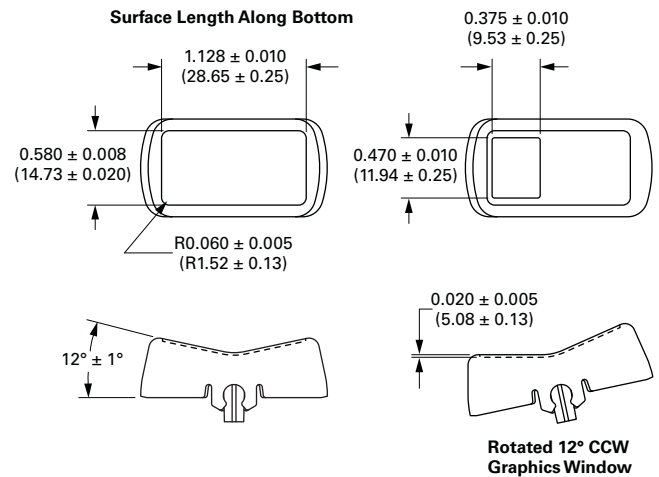
Sealed Rocker



Indicator



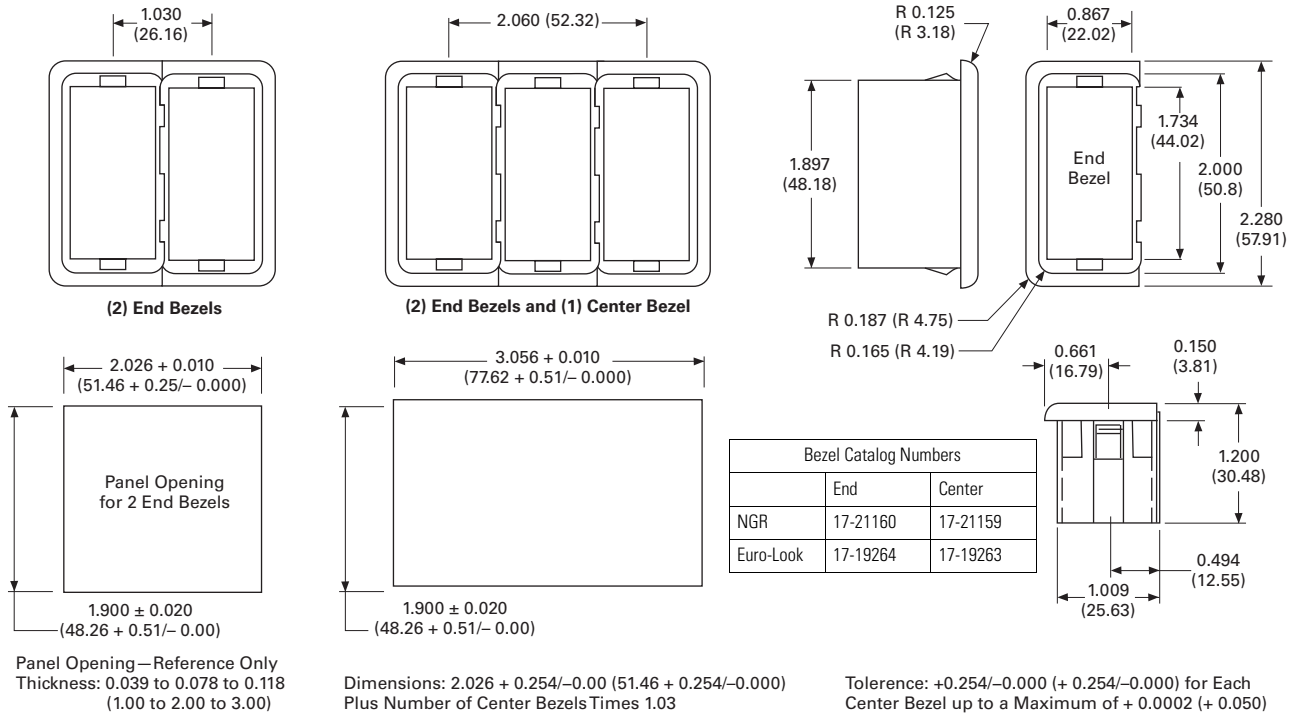
Label Rocker



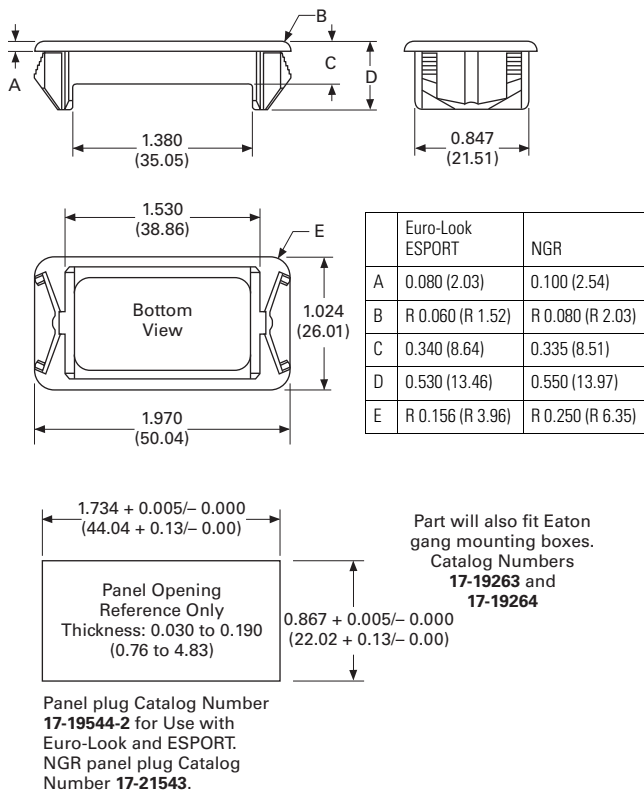
Note: Graphics window may be on both ends or either end of part. Dimensions shown are typical.

Approximate Dimensions in Inches (mm)

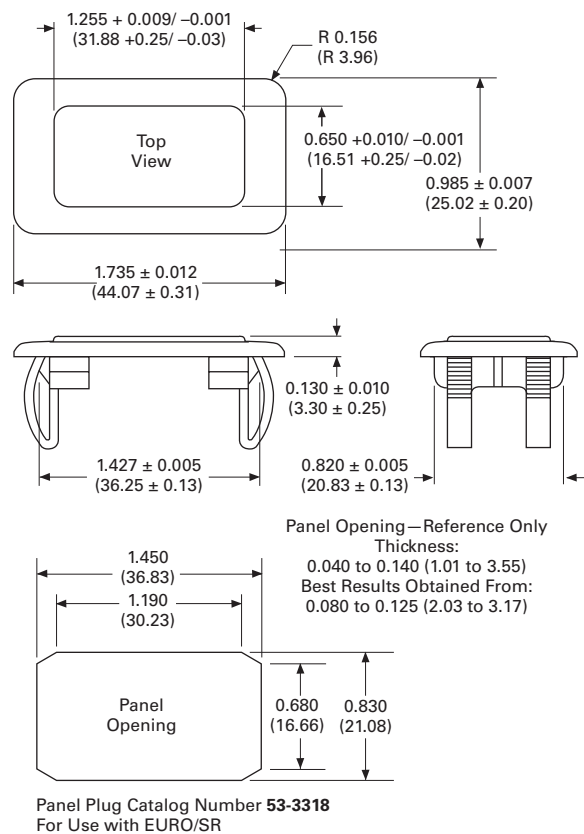
Gang Mounting System

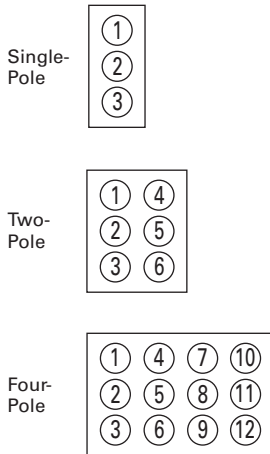


NGR, Euro-Look and ESPORT Panel Plugs



EURO SR Panel Plugs





Terminal Identification

When specified on order, switches will have the terminals identified as shown in the illustration at right. Terminal markings will be ink-stamped on the side of the switch case and unused terminal positions will not be identified.

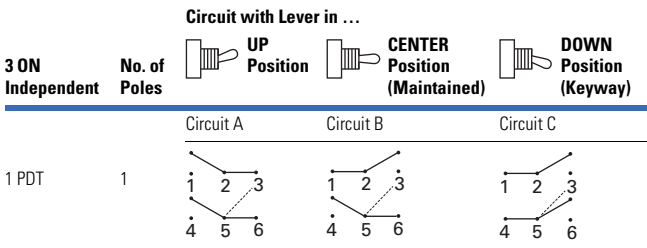
All views are rear of switch with keyway or at down as applicable. Terminal numbers 2, 2 and 5 and 5 and 8 are considered inboard terminals for single-, two- and four-pole switches respectively. All others are considered outboard.

“Three Independent” ON-ON-ON Circuit Diagram

For switch modified with “Three Independent” ON-ON-ON special circuit. External jumpers are required. User to connect wiring per instructions given below.

ON-ON-ON Special Circuit

Connection Points	Single-Pole
Connect common to terminals	2
Connect circuit “A” to terminals	6
Connect circuit “B” to terminals	4
Connect circuit “C” to terminals	1



Circuit Diagrams

Rocker Circuit Diagrams

Circuit Letter	Schematic	Circuit Letter	Schematic
A 1PST		I 2 Circuit ^⑤	
B 1PDT		J 1PST	
C 2PST		K 1PDT	
D 2PDT		L 2PST	
E 4PST ^①		M 2PST	
F 4PDT ^②		N ^⑥ 2PDT	
G ^③ 1PST		P 1PDT	
H ^④ 1PDT		Q ^⑦ 2 Circuit	

Legends

Rocker Switch Legend

Legend	Rocker Switch Type
●	Contact terminal—will make contact with switch lever
○	Isolated terminal—does not make contact with lever
⌋	Center terminal and switch lever
⊗	Bulb
⤴	Momentary contact
●	Denotes mechanical contact portion

See next page for Midsize Switch Circuit Diagrams. See **Page V11-T2-17** for NGR Circuit Diagrams.

Notes

- ① Poles 11 and 12 may be eliminated for three-pole devices.
- ② Poles 10, 11 and 12 may be eliminated for three-pole devices.
- ③ Dependent lamp.
- ④ Independent lamp.
- ⑤ Two circuit—indicates a special type of double-throw switch in which the two circuits being controlled may be independent of each other.
- ⑥ For 206 Series, an additional lamp is available.
- ⑦ Available in 1PDT or 2PDT.

Midsize Switch Circuit Diagrams ^①

Non-Illuminated

Circuit Number (Circuit Designator)	Schematic	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
1 1PST		OFF	NONE	ON
2 1PST		OFF	NONE	ON
3 1PST		OFF	NONE	MOM. ON
4 1PST		OFF	NONE	ON
5 1PDT		ON	NONE	ON
6 1PDT		ON	OFF	ON
7 1PDT		MOM. ON	NONE	ON
8 1PDT		ON	OFF	MOM. ON
9 1PDT		MOM. ON	OFF	MOM. ON
10 2PST		OFF	NONE	ON
11 2PST		OFF	NONE	MOM. ON
12 2PST		MOM. OFF	NONE	ON
13 2PDT		ON	NONE	ON
14 2PDT		ON	OFF	ON
15 2PDT		MOM. ON	NONE	ON
16 2PDT		ON	OFF	MOM. ON
17 2PDT		MOM. ON	OFF	MOM. ON

Illuminated





























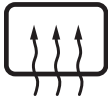



















Circuit Number (Circuit Designator)	Schematic	Circuit with Rocker In ...		
		DOWN Position	CENTER Position	UP Position
18 1PST		OFF	NONE	ON
19 1PST		OFF	NONE	ON
20 1PST ^②		OFF	NONE	ON
21 1PST		OFF	NONE	MOM. ON
22 1PDT		MOM. OFF	NONE	ON
23 1PDT		ON	NONE	ON
24 1PDT		ON	OFF	ON
25 1PDT		MOM. ON	NONE	ON
26 1PDT		ON	OFF	ON
27 2PST		ON	OFF	ON
28 2PST		ON	NONE	ON
29 2PST ^③		ON	NONE	ON
30 2PDT		MOM. ON	NONE	MOM. ON
31 2PDT		ON	NONE	ON
32 Indicator		—	—	—

Notes

- ① Terminal numbers 1, 2 and 3 denote single-pole base.
Terminal numbers 11, 12, 113, 24, 25 and 26 denote two-pole base.
- ② Single-pole in two-pole base with lamp independently wired.
- ③ Two-pole—independently wired lamp.

NGR, SVR, E31, E32 and E33 eSM Symbols ^{①②}















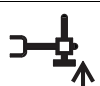










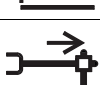



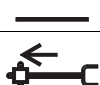









2

Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
	AA		AQ		BF		BU
	AB		AR		BG		BV
	AC		AS		BH		BW
	AD		AT		BI		BX
	AE		AU		BJ	OVER RIDE	BY
	AF		AV		BK		BZ
	AG		AW		BL		CA
	AH		AX		BM	(M)	CB
	AJ		AY		BN	(M) ¹ (M) ² (M) ³	CC
	AK		BA	3	BP	(M) ¹ (M) ²	CD
	AL		BB	1	BQ		CE
	AM		BC		BR		CF
	AN		BD		BS	DIAGNOSTIC SEO	CG
	AP		BE		BT	CR	CH

① Additional icons are available. Contact your local Eaton Sales Representative.

② SAE Specification No. J1362.

















































NGR, SVR, E31, E32 and E33 eSM Symbols ①②

Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
SET/COAST RES/ACCEL	CI		CX		DN		EC
REGLER/ ROUE LIBRE	CJ		CY		DP		ED
AJUSTAR	CK		DA		DQ		EE
CRUISE	CL		DB		DR	SET	EF
REPRENDRE/ ACCEL	CM		DC		DS	RESUME	EG
VOLVERA VELOCIDAD	CN		DD		DT	ETHER	EH
	CP		DE		DU		EI
	CQ		DF		DV		EJ
	CR		DG		DW		EK
	CS		DH	START	DX		EL
	CT		DJ	STOP	DY		EM
	CU		DK		DZ		EN
	CV		DL		EA	B/U CAMERA	EO
	CW		DM		EB		EP

① Additional icons are available. Contact your local Eaton Sales Representative.

② SAE Specification No. J1362.

NGR, SVR, E31, E32 and E33 eSM Symbols ^{①②}

Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
	EQ		FE		FS	MICRO WAVE	GG
	ER		FF		FT		GH
WC	ES		FG	LOW DOCKING	FU		GI
	ET		FH	DOCKING	FV	DECEL	GJ
	EU		FI	CORNERING	FW	UNLOAD TAG	GK
	EV		FJ		FX		GL
	EW		FK		FY		GM
	EX		FL		FZ		GN
	EY		FM		GA		GP
	EZ		FN		GB		GQ
	FA		FO	TEST	GC		GR
	FB		FP		GD		GS
	FC		FQ		GE		GT
	FD		FR	DEST.	GF		GU
				110 VOLT			

① Additional icons are available. Contact your local Eaton Sales Representative.

② SAE Specification No. J1362.














NGR, SVR, E31, E32 and E33 eSM Symbols ①②

Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
	GV		HM		JD	AUDIO VIDEO	JT
	GW		HN		JE		JU
	GY		HP		JF		JV
	HA		HQ	READ	JG		JW
L	HB		HR	LAMP TEST	JH		JX
R	HC		HS		JJ		JY
CRUISE ON-OFF	HD	ASR AUX	HT		JK		JZ
	HE		HU		JL		KA
	HF		HV		JM	MAX TRAN	KB
LUZ PASILLO	HG	MIRROR CLEAN	HW		JN	REMOTE CONTROL	KC
	HH		HY		JP	TRACTION CONTROL	KD
	HJ	SECUENCIA DE DIAGNOSTICO	JA		JQ	BLINK CODE	KE
DUMP DOOR	HK		JB	km/h	JR	HAND THROT	KF
	HL		JC		JS	ENG DIAG	KG

① Additional icons are available. Contact your local Eaton Sales Representative.

② SAE Specification No. J1362.

NGR, SVR, E31, E32 and E33 eSM Symbols ^{①②}

Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
INTARDER	KH	GEN. START	KV	EXIT	LJ
CMU	KI	LOW 12 V.	KW	EXH BRK	LK
	KJ	LOW 110 V.	KX	24V. CHARGER	LL
CRUISE SET	KK	AIR HORN	KY	AQUA HOT	LM
HIGH IDLE	KL	STEP SLIDE	KZ	HEAT EXCHGR	LN
SANDERS	KM		LA	AIR COMPSR	LO
	KN		LB		LP
	KO	CRUISE SELECT	LC		LQ
OVER LOAD DRIVE AXLE	KP	TEST ALARMS	LD		LR
TRACTION CONTROL	KQ		LE		LS
	KR		LF	PA	LT
	KS	AUX HYD OVERHEAT	LG	G-AUX START	LU
12 V. MASTER	KT	VIDEO	LH	CNTR A/C	LV
B/U LIGHTS	KU	ENTER	LI	REAR A/C	LW

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Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
	LX	RIGHT SCENE	ML		NB	REAR HEAT	NP
	LY	REAR SCENE	MM		NC	↑ INC.	NQ
POSITION LIGHT	LZ	STOP START	MN		ND	↓ DEC.	NR
MASTER WARN	MA	BATT IGN	MO	FRONT A/C	NE	1 2	NS
UPPER WARN	MB		MP	RETARDER	NF	WHT LT DISABLE	NT
LOWER WARN	MC		MS	OPTCOM	NG		NU
COMPT LIGHTS	MD		MT	FUEL PRIME	NH	LEFT QTZ LT	NV
WORK LIGHTS	ME	TWO TONE HORNS	MU	AERIAL PTO	NI	RIGHT QTZ LT	NW
FAST IDLE	MF	SIREN AMP TWO TONES	MV	AIRHRN HORN	NJ	DECK LIGHT	NX
MIRROR HEAT	MG	PUMP PTO	MW	SIREN HORN	NK	ADD'L STROBE	NY
GEN PTO	MH	CRUISE	MX	Q2B HORN	NL	REAR QTZ LT	NZ
WIGWAG	MI	RES/ACCEL	MY	SIREN Q2B HORN	NM	MODE	PA
SIREN BRAKE	MJ	SET/COAST	MZ	AIRHRN Q2B HORN	NN		PB
LEFT SCENE	MK	RETARD ON/OFF	NA	AIRHRN SIREN HORN	NO		PC

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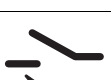





























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Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
AUX LIGHTS	PD	VOLUME UP	PS		RG		RW
	PE	VOLUME DOWN	PT	CHECK ENGINE	RH		RX
FRONT BLIND	PF	MUTE ON	PU		RI		RY
SIDE BLIND	PG	MUTE OFF	PV		RJ		RZ
ON	PH		PW		RK		SA
OFF	PI	DISPLAY POWER	PX		RL		SB
GEN STRT STOP/PRHT	PJ	CRUISE ADJ	PY		RM		SC
B.O. SELECT	PK	HILL HOLDER	PZ	ABS CODE	RN		SD
	PL		RA		RP		SE
B.O. LIGHTS	PM	AISLE LAMPS	RB		RQ		SF
LEFT DRV	PN		RC		RS		SG
RIGHT DRV	PP		RD		RT		SH
INVERTER	PQ	OVER LOAD DRIVE AXLE	RE		RU		SJ
	PR		RF		RV		SK

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	SL	GPFU	TA		TQ		UE
	SM	CHEM ALARM	TB		TR		UF
Mode	SN		TC		TS		UG
	SP		TD		TT		UH
	SQ		TE		TU		UK
OFF ROAD TRACTION	SR		TF		TV		UL
	SS	OVER LOAD DRIVE AXLE	TG		TW		UM
	ST		TH		TX		UN
INTER-AXLE	SU		TJ		TY		UP
8X8	SV		TK		TZ		UR
	SW		TL		UA		US
	SX		TM		UB		UT
AUX HYD	SY	SUSP RECOVER	TN		UC		UU
HYD ENABLE	SZ		TP		UD		UV
							

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Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
	UW		VM		WC	MIRROR HEAT	WT
	UX		VN		WD	OVHD FAN	WU
	UY		VP		WE	CEILING LIGHTS	WV
	UZ	DOOR BYPASS	VR		WF	BATTERY BOOST	WW
	VA	VGT BRK	VS		WG	GENERATOR	WX
	VB	ASI RESET	VT		WH	DRVR SHADE	WY
	VC	CURT. UP	VU		WJ	PEDALS	WZ
	VD	CURT. DOWN	VV		WK	ATC	XA
H/O 	VE	BROOM IN	VW		WL	ENGINE BRAKE	XB
	VF	BROOM OUT	VX		WM	SHOCKS	XC
	VG	B.O. LIGHTS	VY		WN	AIR DUMP	XD
REAR 	VH	ABS BLINK CODE	VZ		WP	TAG AXLE	XE
OPEN 	VK		WA	MIRROR SELECT	WR	FOG LIGHTS	XF
CLOSE 	VL	MUD/SNOW TRACTION	WB	T M B	WS	DIMMER	XG

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HEADLIGHTS	XH		XY	CTIS	YN	PUMP	ZC
DOCKING LIGHTS	XJ		XZ		YP	ROAD	ZD
AQUA HOT ENGINE PREHEAT	XK		YA		YQ		ZE
ENGINE BLOCK HEAT	XL		YB	IGNITION	YR	UNLOCK	ZF
PORCH LIGHT	XM		YC	ENGINE STOP	YS	LOCK	ZG
HANDLE STEP LIGHTS	XN	SILENT WATCH	YD	ENGINE START	YT	LM OVRRDE	ZH
STEP	XP		YE	CAMERA AIR	YU	E SHUT DWN	ZJ
BAY LIGHTS	XR		YF	WINDOW	YV		ZK
BATT CUTOFF	XS		YG		YW		ZL
STEP COVER	XT		YH	T-CASE LOW	YX		ZM
PASS SHADE	XU	IR SELECT	YJ	TANK 2	YY		ZN
NBC	XV	IR DRIVE	YK	TANK 1	YZ		ZP
AUX SUPPLY	XW	CRUISE	YL		ZA		ZR
	XX	ABS OFF-RD	YM		ZB		ZS

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

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Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
	ZT		H1		Y1	PEDALS	N2
CAMERA	ZU	HP	J1		Z1	GAUGE MODE	P2
VIDEO	ZV	F1	K1		A2	REGEN	R2
	ZW		L1	ATC OFF ROAD	B2	FRONT QTZ LT	S2
	ZX		M1		C2		T2
FRONT BRAKE	ZY		N1	120V	D2		U2
TIRE CHAINS	ZZ		P1	GAUGE UP/DWN	E2		V2
	A1		R1	GAUGE MODE	F2	ECO	W2
400V	B1		S1	ENG AFES	G2		X2
230V	C1		T1	CREW AFES	H2		Y2
MC	D1	FRONT	U1		J2		Z2
	E1		V1	ABS DIAG	K2		A3
	F1		W1	HORN Q2B	L2		B3
	G1	IDLE	X1	MASTER DUMP	M2	GEN ENGAGE	C3
							

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Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix	Inscription	Catalog Number Suffix
	D3	AIRHRN ALT AH	T3	ROTO- RAY	H4		Y4
	E3	DIFF LOCK	U3	REGEN	J4		Z4
	F3	HORN AIRHORN SIREN	V3	REGEN INHBT	K4		A5
	G3	MIL	W3		L4		B5
	H3	ATC OVRRDE	X3		M4		C5
	J3	OUTGR LASER	Y3		N4		D5
	K3	AER QTZ LT	Z3	BODY QTZ LT	P4		E5
PEDAL 	L3	FOG LIGHTS	A4		R4		F5
PEDAL 	M3	BATTLE SHORT	B4		S4	AUX PUMP	G5
BAT XOVER	N3	MENU UP	C4		T4	TST 1	H5
BAT O/RIDE	P3	MENU DOWN	D4		U4	TST 2	J5
	Q3	ARMOR	E4		V4	TST 3	K5
HORN SIREN	R3	NO ARMOR	F4		W4	SAVE	L5
DOME LIGHT	S3	KNEEL	G4		X4	DOOR LOCK	M5

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TELMA RTDR	N5	RUMBLER	C6	REAR CHUTE EXTEND	S6	Q2B AIRHORN HORN	G7
SIREN AIRHORN HORN	P5		D6D6	LEFT DUMP OPEN	T6	A	H7
PUMP PANEL LTS	Q5	GRND LT	E6	RIGHT DUMP OPEN	U6	B	J7
REAR HEATER	R5	RED INT LT	F6	REAR DUMP OPEN	V6	SCENE LT	K7
T/G OPEN	S5	WHT INT LT	G6	LEFT CHUTE RETRACT	W6		L7
HYD FILTER	T5	VAC PUMP	H6	RIGHT CHUTE RETRACT	X6	BODY UP	M7
TRANS TEMP	U5	PRESS MODE	J6	REAR CHUTE RETRACT	Y6	BODY DOWN	N7
OIL LEVEL	V5	VENT VALVE	K6	LEFT DUMP CLOSE	Z6	S/S TG RAISE	P7
PUMP	W5	DRIVER VALVE	L6	RIGHT DUMP CLOSE	A7	S/S TG LOWER	Q7
STROBE LIGHT	X5	OFFICER VALVE	M6	REAR DUMP CLOSE	B7	S/S TG LOCK	R7
WORK LIGHT	Y5	REAR VALVE	N6		C7	S/S TG UNLOCK	S7
FLASHING LIGHT	Z5	MASTER POWER	P6	PTO	D7	C/S TG RAISE	T7
CAMERA LIGHT	A6	LEFT CHUTE EXTEND	Q6		E7	C/S TG LOWER	U7
PLATFORM LEVEL	B6	RIGHT CHUTE EXTEND	R6	Q2B SIREN HORN	F7	C/S TG LOCK	V7

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C/S TG UNLOCK	W7	BODY RAISED	L8	FLUSH	A9	OFFSIDE AIRHORN OVRRD	Q9
AUTO PACK	X7	TIPPER EXTENDED	M8	TAKEDOWN LIGHTS	B9	OFFSIDE SIREN OVRRD	R9
PACKER EXTEND	Y7	PUMP ON	N8	DEC	C9	OFFSIDE Q2B OVRRD	S9
PACKER RETRACT	Z7	THR ADV	P8	VACUUM POMPE	D9	Q2B SIREN	T9
ONE PACK	A8	AUTO NEUTRAL	Q8	MODE PRESSION	E9	SIREN BRAKE	U9
TWO PACK	B8	HIGH IDLE	R8	VALVE VENTIL.	F9		V9
OUTSIDE CONTROLS	C8	HEATER	S8	VALVE C/ COND.	G9		W9
STREETSIDE TAILGATE	D8	LEFT MIRROR	T8	VALVE C/ OFF.	H9	FLUOR LIGHT	X9
CURBSIDE TAILGATE	E8	RIGHT MIRROR	U8	VALVE ARR.	J9		Y9
TAILGATE RAISE	F8	IR LIGHTS	V8	MAÎTRE	K9		Z9
TAILGATE LOWER	G8	B.O. SPOT LIGHTS	W8	POMPE	L9		1A
TAILGATE LOCK	H8	TANK TO PUMP	X8	LUMIERE TRAVAIL	M9	LOAD LIMIT	1B
TAILGATE UNLOCK	J8	THROT INC	Y8	MAITRE URGENGE	N9		1C
HOPPER FLOOD	K8	FOAM	Z8	LIGHT BAR	P9	OFF ROAD LTS	1D

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STEP LT	1E	ALLEY LT LEFT	1L	PTO ON	1S	RIGHT NOZZLE	1Y
ON OFF	1F	PLOW RAISE	1M	TAIL UP	1T		1Z
Drv Spr Nozzle	1G	PLOW LOWER	1N	OVERRIDE	1U	JAKE BRAKE	2A
Off Spr Nozzle	1H	PLOW FLOAT	1P	COMMAND LIGHT	1V	OIL TEMP	2B
Rem Noz Lt	1J	BACK-UP ALRM OVRRD	1Q	PUMP HEATER(S)	1W		2C
ALLEY LT RIGHT	1K	HOIST UP	1R	LEFT NOZZLE	1X		

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