

# 1 ROCKER SWITCHES

## Midsize Illuminated and Non-Illuminated AC Only Rocker Switches — 1600/2600 Series

### DESCRIPTION

Eaton's 1600/2600 series of midsize snap-in rocker and paddle switches have worldwide approvals at up to 16A, 250V ac. One switch can be used for both domestic and foreign markets.

Ideal applications include appliances, electronic instrumentation, data processing, communications, medical equipment, office equipment and many more. A wide circuit variety is offered in a choice of standard and custom colors for illuminated and non-illuminated versions. Custom legends are available on

the switch lever and bezel. High Inrush and Splashguard are also available.

### High Inrush

The 1600H/2600H is designed to handle high inrush currents up to 100A peak inrush for 10 milliseconds.

### Splashguard

This version features a uniquely designed seal that resists moisture and water, making it ideally suited for marine, RV and food processing applications. The oversized nylon lever with smooth, matte finish, features a convenient thumb depression

to ensure effortless touch control. Double pole switches feature both a thumb depression and a convex curve. [See page 1.18.](#)

### SPECIFICATIONS

#### Ratings:

See selection tables.

#### Circuits:

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

#### High Inrush Option

1PST, 2PST. Maintained.

#### Contact Mechanism:

Slow-make/Slow-break butt contact.

### HOW TO ORDER — NON-ILLUMINATED ROCKER

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<br>Base Circuit Number | ...add each appropriate Code Number or Letter... |                         |                        |                     |                      | ...to get to your<br>Complete Catalog Number |
|----------------------------------------|--------------------------------------------------|-------------------------|------------------------|---------------------|----------------------|----------------------------------------------|
| Base Circuit<br>Catalog Number         | Finish                                           | Base and Bezel<br>Color | Rocker/Paddle<br>Color | Termination<br>Type | Legend<br>(optional) | Complete<br>Catalog Number                   |
| <b>1600</b>                            | <b>M</b>                                         | <b>2</b>                | <b>1</b>               | <b>E</b>            | <b>038</b>           | <b>1600M21E038</b>                           |

### NON-ILLUMINATED ROCKER SELECTION TABLE (BOLD FACE TYPE INDICATES ITEMS NORMALLY IN DISTRIBUTOR STOCK)

| Rating                                                                                 | Poles and Throw | Circuit with Rocker in                                                              |                                                                                     |                                                                                     | BASE CIRCUIT                |                         | CIRCUIT NUMBER<br>SEE PAGE 4.29 | CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER |                   |                               |                     |                               |                     |                                                          |            |                   |
|----------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------|---------------------------------|-------------------------------------------------------|-------------------|-------------------------------|---------------------|-------------------------------|---------------------|----------------------------------------------------------|------------|-------------------|
|                                                                                        |                 | UP Position                                                                         | CENTER Position                                                                     | DOWN <sup>①</sup> Position                                                          |                             |                         |                                 | Finish                                                |                   | Base and Bezel Color          |                     | Rocker/Paddle Color           |                     | Termination Type                                         |            | Legend (optional) |
|                                                                                        |                 |  |  |  | Rocker                      | Paddle                  |                                 | Type                                                  | Code <sup>②</sup> | Color                         | Code                | Color                         | Code                | Termination                                              | Code       | Type              |
| 16A, 125V ac<br>16A, 250V ac<br>16(4)A, 250V ac <sup>③</sup>                           | 1 P.S.T.        | ON<br>ON*                                                                           | NONE<br>NONE<br>NONE                                                                | OFF<br>OFF<br>OFF*                                                                  | <b>1600</b><br>1601<br>1605 | P1600<br>P1601<br>P1605 | 1<br>3<br>4                     | Standard<br>(Glossy)<br><br>Matte                     | —<br><br>M        | Black<br><br>White<br><br>Red | 1<br><br>2<br><br>3 | Black<br><br>White<br><br>Red | 1<br><br>2<br><br>3 | 6.3mm Tabs/<br>.250" Quick<br>Connect<br><br>Solder Lugs | E<br><br>B | See<br>Page 1.19  |
|                                                                                        | 1 P.D.T.        | ON<br>ON                                                                            | NONE<br>NONE                                                                        | ON<br>ON*                                                                           | 1602<br><b>1603</b>         | P1602<br>P1603          | 5<br>7                          |                                                       |                   |                               |                     |                               |                     |                                                          |            |                   |
| 16A, 125V ac <sup>②</sup><br>16A, 250V ac <sup>②</sup><br>10(2)A, 250V ac <sup>④</sup> | 1 P.D.T.        | ON                                                                                  | OFF                                                                                 | ON                                                                                  | <b>1604</b>                 | P1604                   | 6                               |                                                       |                   |                               |                     |                               |                     |                                                          |            |                   |
| 10A, 125V ac<br>10A, 250V ac<br>10(2)A, 250V ac <sup>④</sup>                           | 1 P.D.T.        | ON*<br>ON*                                                                          | OFF<br>OFF                                                                          | ON*<br>ON                                                                           | 1606<br>1607                | P1606<br>P1607          | 9<br>8                          |                                                       |                   |                               |                     |                               |                     |                                                          |            |                   |
|                                                                                        | 2 P.S.T.        | ON<br>ON*                                                                           | NONE<br>NONE<br>NONE                                                                | OFF<br>OFF<br>OFF*                                                                  | <b>2600</b><br>2601<br>2605 | P2600<br>P2601<br>P2605 | 10<br>11<br>12                  |                                                       |                   |                               |                     |                               |                     |                                                          |            |                   |
| 16A, 125V ac<br>16A, 250V ac<br>16(4)A, 250V ac <sup>③</sup>                           | 2 P.D.T.        | ON<br>ON                                                                            | NONE<br>NONE                                                                        | ON<br>ON*                                                                           | <b>2602</b><br>2603         | P2602<br>P2603          | 13<br>15                        |                                                       |                   |                               |                     |                               |                     |                                                          |            |                   |
|                                                                                        | 2 P.D.T.        | ON                                                                                  | OFF                                                                                 | ON                                                                                  | <b>2604</b>                 | P2604                   | 14                              |                                                       |                   |                               |                     |                               |                     |                                                          |            |                   |
| 10A, 125V ac<br>10A, 250V ac<br>10(2)A, 250V ac <sup>④</sup>                           | 2 P.D.T.        | ON*<br>ON*                                                                          | OFF<br>OFF                                                                          | ON*<br>ON                                                                           | 2606<br>2607                | P2606<br>P2607          | 17<br>16                        |                                                       |                   |                               |                     |                               |                     |                                                          |            |                   |

\*Momentary contact.

① **1600 Type** — Lever depressed toward terminal #3.  
**2600 Type** — Lever depressed toward terminals #13 and #26.

② UL, CSA only.

③ BEAB, VDE, S, FI, USE, N, D, KEMA — 16(4)A, 250V ac; T85μ.

④ BEAB, VDE, S, FI, USE, N, D, KEMA — 10(2)A, 250V ac; T85μ.

⑤ To order the standard, add a "dash" to the Catalog Number. Example: **1600-11E**.

## High Inrush Option

Slow-make/Slow-break butt contact with mechanical break.

## Make:

## High Inrush Option

100A peak inrush at 250V ac for 10ms for 10,000 cycles minimum.

## Break:

## High Inrush Option

16A, 250V ac for 10,000 cycles minimum.

## Contact Material:

Silver inlay over copper.

## Contact Resistance:

10 MΩ max. at 1A, 4V dc.

## Mechanical Life:

50,000 cycles min.

## Insulation Resistance:

100 MΩ min.

## Dielectric Withstand:

1000V RMS minimum.

## Terminal Types:

Standard — 6.3mm tabs/.250" Quick-connect.

Optional — Solder lug.

## Termination Material:

Common (Center) — Copper fine silver plated.

End — Copper.

Lamp — Brass.

## Mounting:

See dimensions.

## Operating

## Temperature Range:

0°C to 85°C  
(+32° to +185°F).

## International Approvals<sup>①</sup>:

UL<sup>®</sup>, CSA, VDE.

(See selection tables for additional approvals).



1600-13E



1600HR21E



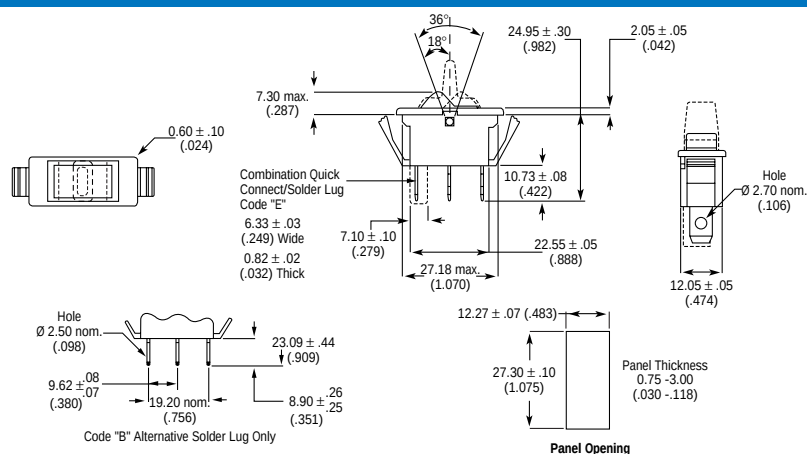
2600-12E



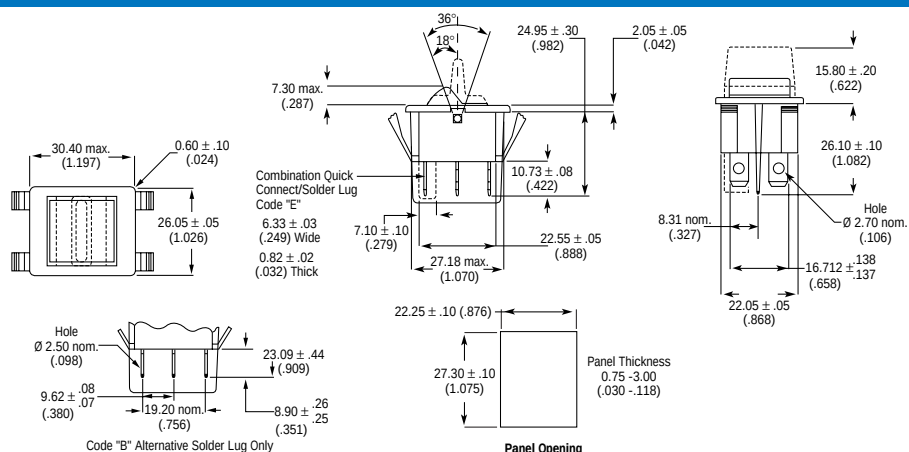
2600HA21E

## DIMENSIONS APPROXIMATE IN MM (INCHES)

### 1600/1600H TYPE BASE



### 2600/2600H TYPE BASE



① Refer to selection table for more information.

② Splashguard is not UL Approved.

# 1 ROCKER SWITCHES

## Midsize Illuminated and Non-Illuminated AC Only Rocker Switches — 1600/2600 Series (continued)

### HOW TO ORDER — ILLUMINATED ROCKERS

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<br>Base Circuit Number | ...add each appropriate Code Number or Letter... |                      |                 |                       |                     |                      | ...to get to your<br>Complete Catalog Number |
|----------------------------------------|--------------------------------------------------|----------------------|-----------------|-----------------------|---------------------|----------------------|----------------------------------------------|
| Base Circuit<br>Catalog Number         | Independent<br>Lamp                              | Lens/Rocker<br>Color | Lamp<br>Voltage | Base &<br>Bezel Color | Termination<br>Type | Legend<br>(optional) | Complete<br>Catalog Number                   |
| <b>1621</b>                            | <b>X</b>                                         | <b>W</b>             | <b>5</b>        | <b>3</b>              | <b>E</b>            | <b>038</b>           | <b>1621XW53E038</b>                          |

### ILLUMINATED ROCKERS SELECTION TABLE (BOLD FACE TYPE INDICATES ITEMS NORMALLY IN DISTRIBUTOR STOCK)

| Rating                                                | Poles and Throw | Circuit with Rocker in                                                            |                                                                                   |                                                                                   | BASE CIRCUIT<br>②                       | CIRCUIT NUMBER<br>SEE<br>PAGE 4.29 | CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER |                  |                                                                                  |                            |                       |             |                                                   |        |                   |
|-------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------|------------------------------------|-------------------------------------------------------|------------------|----------------------------------------------------------------------------------|----------------------------|-----------------------|-------------|---------------------------------------------------|--------|-------------------|
|                                                       |                 | UP Position                                                                       | CENTER Position                                                                   | DOWN ① Position                                                                   |                                         |                                    | Lens/Rocker Color                                     |                  | Lamp Voltage                                                                     |                            | Base & Bezel Color    |             | Termination Type                                  |        | Legend (optional) |
|                                                       |                 |  |  |  |                                         |                                    | Color                                                 | Code             | Voltage                                                                          | Code                       | Color                 | Code        | Type                                              | Code   | Code              |
| 16A, 125V ac<br>16A, 250V ac ④<br>16(4)A, 250V ac ⑤   | 1 P.S.T.        | ON<br>ON*<br>ON<br>ON*<br>ON                                                      | NONE<br>NONE<br>NONE<br>NONE<br>NONE                                              | OFF<br>OFF<br>OFF<br>OFF<br>OFF*                                                  | 1600<br>1601<br>1620X<br>1621X<br>1625X | 18<br>21<br>20<br>—<br>—           | Amber<br>Green<br>Red<br>White (Clear)                | A<br>G<br>R<br>W | No Lamp<br>125V Neon<br>250V Neon<br>6V Filament<br>12V Filament<br>24V Filament | 0<br>1<br>2<br>4<br>5<br>6 | Black<br>White<br>Red | 1<br>2<br>3 | 6.3mm Tabs/<br>.250" Quick Connect<br>Solder Lugs | E<br>B | See<br>Page 1.19  |
|                                                       | 1 P.D.T.        | ON<br>ON                                                                          | NONE<br>NONE                                                                      | ON<br>ON*                                                                         | 1622X<br>1623X                          | —<br>—                             |                                                       |                  |                                                                                  |                            |                       |             |                                                   |        |                   |
| 16A, 125V ac ④<br>16A, 250V ac ⑤<br>10(2)A, 250V ac ⑥ | 1 P.D.T.        | ON                                                                                | OFF                                                                               | ON                                                                                | 1624X                                   | —                                  |                                                       |                  |                                                                                  |                            |                       |             |                                                   |        |                   |
| 10A, 125V ac<br>10A, 250V ac<br>10(2)A, 250V ac ⑥     | 1 P.D.T.        | ON*<br>ON*                                                                        | OFF<br>OFF                                                                        | ON*<br>ON                                                                         | 1626X<br>1627X                          | —<br>—                             |                                                       |                  |                                                                                  |                            |                       |             |                                                   |        |                   |
| 16A, 125V ac<br>16A, 250V ac ④<br>16(4)A, 250V ac ⑤   | 2 P.S.T.        | ON<br>ON*<br>ON                                                                   | NONE<br>NONE<br>NONE                                                              | OFF<br>OFF<br>OFF*                                                                | 2600<br>2601<br>2605                    | 28<br>30<br>31                     |                                                       |                  |                                                                                  |                            |                       |             |                                                   |        |                   |
| —                                                     |                 | Indicator                                                                         | —                                                                                 | —                                                                                 | 1609                                    | 32                                 |                                                       |                  |                                                                                  |                            |                       |             |                                                   |        |                   |

\*Momentary Contact.

① **1600 Type** — Rocker depressed toward terminal #2.

**2600 Type** — Rocker depressed toward terminals #13 and #26.

② #1600 — #1609 switches are supplied in 1600 type base.

#1620 — #1627 switches are supplied in 2600 type base. (Must have "X" code).

#2600 — #2605 switches are supplied in 2600 type base.

③ UL, CSA: 8A, 14V dc (T).

④ VDE: 16(4)A 250V ac T85μ Lamp 125V and 250V. Marked on request only.

⑤ UL, CSA: 8A, 14V dc (T). Marked on request only.

⑥ VDE: 10(2)A, 250V ac T85μ Lamp 125V and 250V.

## HOW TO ORDER — NON-ILLUMINATED HIGH INRUSH ROCKERS

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<br>Base Circuit Number | ...add each appropriate Code Number or Letter... |                       |                 |                     |                      | ...to get to your<br>Complete Catalog Number |
|----------------------------------------|--------------------------------------------------|-----------------------|-----------------|---------------------|----------------------|----------------------------------------------|
| Base Circuit<br>Catalog Number         | Finish                                           | Base & Bezel<br>Color | Rocker<br>Color | Termination<br>Type | Legend<br>(optional) | Complete<br>Catalog Number                   |
| <b>1600H</b>                           | <b>M</b>                                         | <b>2</b>              | <b>1</b>        | <b>E</b>            | <b>038</b>           | <b>1600HM21E038</b>                          |

## NON-ILLUMINATED HIGH INRUSH ROCKERS SELECTION TABLE (BOLD FACE TYPE INDICATES ITEMS NORMALLY IN DISTRIBUTOR STOCK)

| Rating                                               | Poles and Throw | Circuit with Rocker in                                                            |                                                                                   |                                                                                   | BASE CIRCUIT     | CIRCUIT NUMBER<br>SEE PAGE 4.29 | CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER |      |                    |      |              |      |                                    |      |                   |
|------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|---------------------------------|-------------------------------------------------------|------|--------------------|------|--------------|------|------------------------------------|------|-------------------|
|                                                      |                 | UP Position                                                                       | CENTER Position                                                                   | DOWN ❶ Position                                                                   |                  |                                 | Finish                                                |      | Base & Bezel Color |      | Rocker Color |      | Termination Type                   |      | Legend (optional) |
|                                                      |                 |  |  |  |                  |                                 | Type                                                  | Code | Color              | Code | Color        | Code | Termination                        | Code | Type              |
| 22A, 125V ac<br>16A, 250V ac<br>16(4)A, 250V ac<br>❸ | 1 P.S.T.        | ON<br>ON                                                                          | NONE<br>NONE                                                                      | OFF<br>OFF                                                                        | 1600H<br>1620H ❷ | 1<br>2                          | Standard (Glossy)                                     | ❹    | Black              | 1    | Black        | 1    | 6.3mm Tabs/<br>.250" Quick Connect | E    | See<br>Page 1.19  |
|                                                      | 2 P.S.T.        | ON                                                                                | NONE                                                                              | OFF                                                                               | 2600H            | 10                              |                                                       |      | White              | 2    | White        | 2    |                                    |      |                   |
|                                                      |                 |                                                                                   |                                                                                   |                                                                                   |                  |                                 | Matte                                                 | M    | Red                | 3    | Red          | 3    |                                    |      |                   |

\*Momentary Contact.

① **1600H Type** — Rocker depressed toward terminal #2.

**2600H Type** — Rocker depressed toward terminals #13 and #26.

② **#1620H** switch is supplied in 2600H base.

③ UL, CSA: 1 Hp @ 125V or 250V ac; 6A, 125V ac (L) rating; 10A, 14V dc (T).

BEAB, VDE, SEMKO: 16(4)A 250V ac T85.

④ No code required.

## HOW TO ORDER — ILLUMINATED HIGH INRUSH ROCKERS

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<br>Base Circuit Number | ...add each appropriate Code Number or Letter... |                 |                       |                     |                      | ...to get to your<br>Complete Catalog Number |
|----------------------------------------|--------------------------------------------------|-----------------|-----------------------|---------------------|----------------------|----------------------------------------------|
| Base Circuit<br>Catalog Number         | Lens/Rocker<br>Color                             | Lamp<br>Voltage | Base & Bezel<br>Color | Termination<br>Type | Legend<br>(optional) | Complete<br>Catalog Number                   |
| <b>1600H</b>                           | <b>R</b>                                         | <b>2</b>        | <b>1</b>              | <b>E</b>            | <b>038</b>           | <b>1600HR21E038</b>                          |

## ILLUMINATED HIGH INRUSH ROCKERS SELECTION TABLE (BOLD FACE TYPE INDICATES ITEMS NORMALLY IN DISTRIBUTOR STOCK)

| Rating                                               | Poles and Throw | Circuit with Rocker in                                                              |                                                                                     |                                                                                     | BASE CIRCUIT      | CIRCUIT NUMBER<br>SEE PAGE 4.29 | CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER |                  |                                                                                  |      |                    |      |                                       |      |                   |
|------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|---------------------------------|-------------------------------------------------------|------------------|----------------------------------------------------------------------------------|------|--------------------|------|---------------------------------------|------|-------------------|
|                                                      |                 | UP Position                                                                         | CENTER Position                                                                     | DOWN ❶                                                                              |                   |                                 | Lens/Rocker Color                                     |                  | Lamp Voltage                                                                     |      | Base & Bezel Color |      | Termination Type                      |      | Legend (optional) |
|                                                      |                 |  |  |  |                   |                                 | Color                                                 | Code             | Voltage                                                                          | Code | Color              | Code | Type                                  | Code | Code              |
| 22A, 125V ac<br>16A, 250V ac<br>16(4)A, 250V ac<br>❸ | 1 P.S.T.        | ON<br>ON                                                                            | NONE<br>NONE                                                                        | OFF<br>OFF                                                                          | 1600H<br>1620HX ❷ | 18<br>19                        | Amber<br>Green<br>Red<br>White<br>(Clear)             | A<br>G<br>R<br>W | No Lamp<br>125V Neon<br>250V Neon<br>6V Filament<br>12V Filament<br>24V Filament | 0    | Black              | 1    | 6.3mm Tabs/<br>.250" Quick<br>Connect | E    | See<br>Page 1.19  |
|                                                      | 2 P.S.T.        | ON                                                                                  | NONE                                                                                | OFF                                                                                 | 2600H             | 28                              |                                                       |                  |                                                                                  | 1    |                    | 2    |                                       |      |                   |
| 2                                                    |                 |                                                                                     |                                                                                     |                                                                                     |                   |                                 |                                                       |                  |                                                                                  | 4    |                    |      |                                       |      |                   |
| —                                                    | —               | INDICATOR                                                                           |                                                                                     | —                                                                                   | 1609              | 32                              |                                                       |                  |                                                                                  | 4    |                    | 5    |                                       |      |                   |
|                                                      |                 |                                                                                     |                                                                                     |                                                                                     |                   |                                 |                                                       |                  | 6                                                                                |      | 3                  | 6    |                                       |      |                   |

① **1600H Type** — Rocker depressed toward terminal #3.

**1620H Type** — Rocker depressed toward terminals #13 and #26.

**2600H Type** — Rocker depressed toward terminals #13 and #26.

② **#1620H** switch is supplied in 2600H type base. (Must have "X" code).

③ UL, CSA: 1 Hp @ 125V or 250V ac; 6A, 125V ac (L) rating; 10A, 14V dc (T).

VDE: 16(4)A 250V ac T85 Lamp 125V and 250V. Marked on request only.