

## Rockette Series

2



### Product Description

These rocker switches offer the widest selection of features available, providing the design flexibility needed to fill the requirements of a variety of applications. They are available in two versions: standard and sealed.

The Sealed Rockette features a silicone rubber seal that protects contacts and mechanisms. All switches resist contaminants such as sand, dust and moisture with both a base-to-frame seal and an actuator seal. Non-illuminated and illuminated versions are available. For Sealed Rockette selection, see table on **Page V11-T2-56**.

### Features and Benefits

- Voltages
  - 110 Vac neon
  - 14 Vdc and 28 Vdc

On the illuminated version, the lamp is wired to operate in conjunction with the switch on single-throw circuit; on double-throw circuits, the lamp is independent of the switch

- Mounting
  - Flush (two screws), sub-panel and snap-in mounting
- Snap-in Mounting
  - Convenient front panel or sub-panel snap-in mounting

Available in single- and two-pole non-illuminated or in single-pole illuminated Rockette switches. Contact your local Eaton Sales Representative for three- and four-pole circuits

Unless otherwise noted, all switches with snap-in mounting are UL Recognized and CSA Certified

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#### Description

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### Options

#### Standard and Sealed

- Additional colors of rockers and bezels are available
- Hot stamped or pad printed legends on rocker and bezel
- Paddle actuators
- Single rocker operator on two- and three-pole circuits
- Dry circuits capabilities
- Special ratings
- Reversing jumpers
- Dead back cover (two-pole base) with wire leads
- Special circuits
- Printed circuit terminals and other terminal types
- Metal snap-in bezels
- Foam dust seal

#### Sealed Only

- Special voltage bulbs
- Industry standard connector available
- Two-pole illuminated circuit

### Standards and Certifications

- UL Recognized
- CSA Certified
- RoHS Compliant <sup>①</sup>



#### Note

<sup>①</sup> Visit [www.eaton.com/vcbu](http://www.eaton.com/vcbu) for the most up-to-date list of verified part numbers.



### Standard Rockette Switches

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

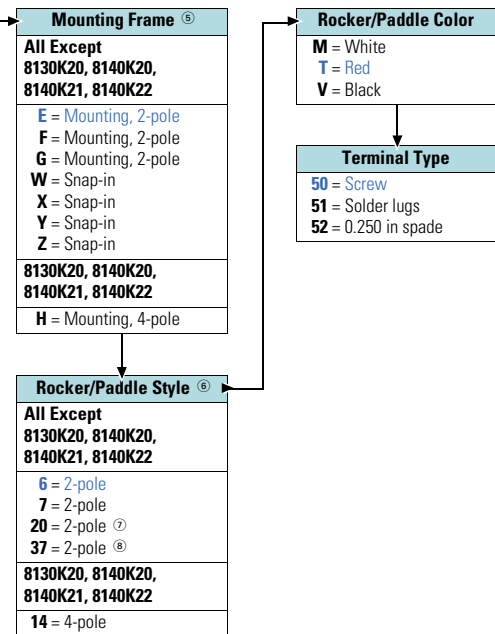
### Catalog Number Selection

#### How To Order—Standard Rockette Switches

Example: **8132K21** → **E 6 T 50**

Rating	Poles and Throw	Circuit with Rocker in ...			Base Circuit Number ②	Circuit Number ④
		UP Position	CENTER Position	DOWN Position		
6A, 125 Vac 3A, 250 Vac	2PST	ON	NONE	OFF	<b>8132K21</b> ③	C
	2PDT	ON MOM. ON MOM. ON	OFF NONE OFF	ON MOM. ON ON	<b>8132K20</b> ③ <b>8132K22</b> ③ <b>8138K20</b> <b>8138K30</b>	D
15A, 125 Vac 10A, 250 Vac 3/4 hp, 250 Vac	2PST	ON MOM. ON	NONE NONE	OFF OFF	<b>8142K21</b> <b>8147K21</b>	C
	2PDT	ON MOM. ON MOM. ON	OFF NONE OFF	ON MOM. ON ON	<b>8142K20</b> <b>8142K22</b> <b>8148K20</b> <b>8148K30</b>	D
1000W, 125 Vac 10A, 250 Vac	2PST	ON	NONE	OFF	<b>8150K21</b>	C
20A, 250 Vac	2PST	ON	NONE	OFF	<b>8155K21</b>	C
	2PDT	ON ON	OFF NONE	ON ON	<b>8155K20</b> <b>8155K22</b>	D
6A, 125 Vac 3A, 250 Vac	4PDT	ON	OFF	ON	<b>8130K20</b> ③	F
	4PST	ON	NONE	OFF	<b>8140K21</b>	E
15A, 125 Vac 10A, 250 Vac ① 3/4 hp, 250 Vac	4PST	ON	OFF	ON	<b>8140K20</b>	F
	4PDT	ON	NONE	ON	<b>8140K22</b>	F

Code letters and/or numbers.  
Add to base circuit number.



#### Notes

- ① These switches also have marked rating of 7A at 277 Vac and 3/4 hp at 277 Vac.
- ② Add code letters and numbers for mounting frame, rocker style and color and terminal construction.
- ③ Also rated 2A, 277 Vac; 2.5A, L125 Vac.
- ④ See Circuit Diagrams on **Page V11-T2-78**.
- ⑤ See Frame Styles on **Page V11-T2-59**.
- ⑥ See Rocker Styles on **Page V11-T2-61**.
- ⑦ Cannot be used with snap-in mounting bezel.
- ⑧ Recommended for use with snap-in mounting.



### Sealed Rockette Switches

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

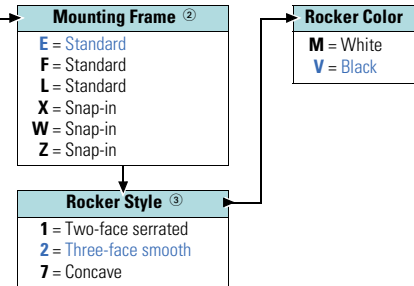
### Catalog Number Selection

#### How To Order—Sealed Rockette Switches, Non-Illuminated

Example: **8055K23** → **E 2 V**

Rating	Poles and Throw	Circuit with Rocker in ...			Base Circuit Number			Circuit Number ①
		UP Position	CENTER Position	DOWN Position	Terminal Type			
					0.250 in Spade	Solder Lugs	Screw	
15A, 125 Vac 10A, 250 Vac 3/4 hp, 250 Vac	1PST	ON	NONE	OFF	<b>8055K23</b>	<b>8055K24</b>	<b>8055K25</b>	A
		ON	OFF	ON	<b>8055K20</b>	<b>8055K21</b>	<b>8055K22</b>	B
		MOM. ON	OFF	MOM. ON	<b>8055K26</b>	<b>8055K27</b>	<b>8055K28</b>	
	1PDT	ON	OFF	ON	<b>8055K29</b>	<b>8055K30</b>	<b>8055K31</b>	B
		MOM. ON	OFF	MOM. ON	<b>8055K32</b>	<b>8055K33</b>	<b>8055K34</b>	
		ON	OFF	ON	<b>8055K43</b>	<b>8055K44</b>	<b>8055K45</b>	C
15A, 125 Vac 10A, 250 Vac 3/4 hp, 250 Vac	2PST	ON	NONE	OFF	<b>8055K40</b>	<b>8055K41</b>	<b>8055K42</b>	D
		ON	OFF	ON	<b>8055K46</b>	<b>8055K47</b>	<b>8055K48</b>	
		MOM. ON	OFF	MOM. ON	<b>8055K49</b>	<b>8055K50</b>	<b>8055K51</b>	
	2PDT	ON	OFF	ON	<b>8055K40</b>	<b>8055K41</b>	<b>8055K42</b>	D
		MOM. ON	OFF	MOM. ON	<b>8055K46</b>	<b>8055K47</b>	<b>8055K48</b>	
		MOM. ON	OFF	MOM. ON	<b>8055K49</b>	<b>8055K50</b>	<b>8055K51</b>	

Code letters and/or numbers. Add to base circuit number.

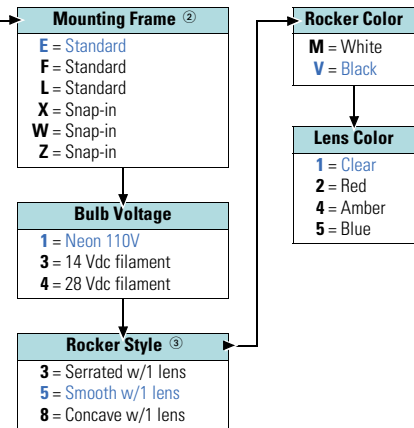


#### How To Order—Sealed Rockette Switches, Illuminated

Example: **8057K23** → **E 1 5 V 1**

Rating	Poles and Throw	Circuit with Rocker in ...			Base Circuit Number			Circuit Number ①
		UP Position	CENTER Position	DOWN Position	Terminal Type			
					0.250 in Spade	Solder Lugs	Screw	
15A, 125 Vac 10A, 250 Vac	1PST	ON	NONE	OFF	<b>8057K23</b>	<b>8057K24</b>	<b>8057K25</b>	G
	1PDT	MOM. ON	OFF	ON	<b>8057K29</b>	<b>8057K30</b>	<b>8057K31</b>	H

Code letters and/or numbers. Add to base circuit number.



**Notes**

- ① See Circuit Diagrams on **Page V11-T2-78**.
- ② See Frame Styles on **Page V11-T2-59**.
- ③ See Rocker Styles on **Page V11-T2-61**.



### 8058 Series Sealed Rockette Switches

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

### Catalog Number Selection

#### How To Order—Sealed Rockette Switches, Non-Illuminated

Example: **8058K28** → **Z 7 V**

Rating	Poles and Throw	Circuit with Rocker in ...			Base Circuit Number			Circuit Number ②
		UP Position	CENTER Position	DOWN Position	Terminal Type			
					0.250 in Spade	Solder Lugs	Screw ①	
30A, 125 Vac 25A, 250 Vac 3/4 hp, 125 Vac 2 hp, 250 Vac	1PST	ON	NONE	OFF	N/A	N/A	<b>8058K10</b>	A
	1PDT	ON	OFF	ON	N/A	N/A	<b>8058K22</b>	B
	1PDT	ON	NONE	ON	N/A	N/A	<b>8058K28</b>	B
	1PDT	MOM ON	OFF	ON	N/A	N/A	<b>8058K31</b>	B
	1PDT	MOM ON	OFF	MOM ON	N/A	N/A	<b>8058K34</b>	B

Code letters and/or numbers.  
Add to base circuit number.

**Mounting Frame ③**

**E** = Standard ears up with two tapped holes  
**F** = Standard flat with two holes  
**X** = Metal snap-in  
**Z** = Standard plastic snap-in  
**W** = Contour plastic snap-in  
**L** = Standard ears up with two holes

**Rocker Color**

**M** = White  
**T** = Red  
**V** = Black

**Rocker Style ④**

**1** = Two-face serrated  
**2** = Three-face smooth  
**7** = Concave

8058K22E7V



8058K10X7T



8058K28Z7V



**Notes**

- ① Supplied with terminal screws, (Cat. No. 11-8616), unassembled.
- ② See Circuit Diagrams on **Page V11-T2-78**.
- ③ See Frame Styles on **Page V11-T2-59**.
- ④ See Rocker Styles on **Page V11-T2-61**.

### Technical Data and Specifications

#### Rockette—General Purpose AC Rated

2

Description	Specification
Ratings and circuits	See selection tables on <b>Pages V11-T2-55 to V11-T2-57</b> . Switch ratings at 125 Vac also apply to 28 Vdc.
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	
3–6A rated	Movable—Silver-plated copper Stationary—Silver-plated copper
10–15A rated	Movable—Silver-plated copper with fine or coin silver contact face button Stationary—Copper with fine or coin silver contact face button
20A rated	Movable—Silver-plated copper with cad-oxide contact face button Stationary—Copper with cad-oxide contact face button

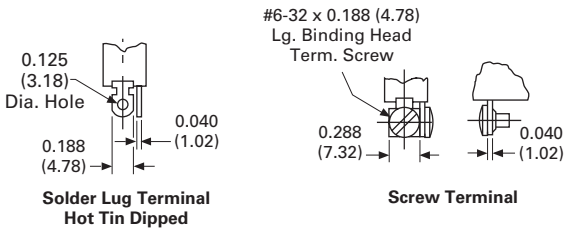
Description	Specification
1000W rated	Movable—Checon SK015B contact material welded to contactor Stationary—Copper with cad-oxide contact face button
Terminal types	Screw terminals—Brass designed to accept #6-32 x 3/16 binding head screws (Cat. No. 811-2), furnished unassembled Solder lug—0.250 in (6.35 mm) spade
Termination material	Screw and spade—Brass Solder—Tintillate-plated brass
Lamp voltages	110 Vac neon 14 Vdc and 28 Vdc
Mounting	Flush (two screws), sub-panel and snap-in mounting

### Dimensions

#### Base Standard Rockette Switch Dimensions

Approximate Dimensions in Inches (mm)

##### Terminals

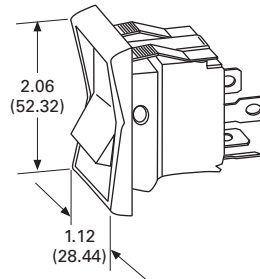


#### Snap-In Mounting Dimensions

Approximate Dimensions in Inches (mm)

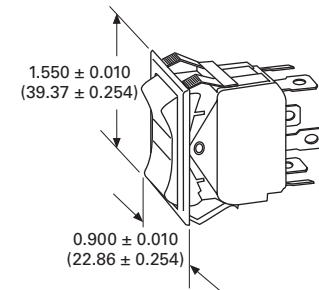
##### Type W

#### Contoured Snap-In Bezel, Two-Pole Base



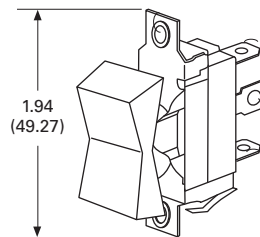
##### Type X

#### Snap-In Bezel, Single-, Two- and Four-Pole Bases



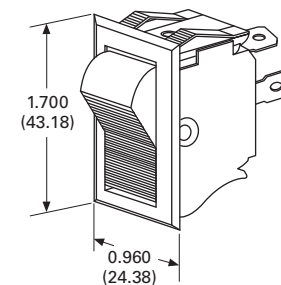
##### Type Y

#### Sub-Panel Snap-In Mounting Bezel, Single- and Two-Pole Bases

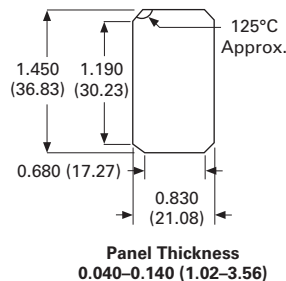


##### Type Z

#### Snap-In Mounting Bezel, Two-Pole Base Only



#### Panel Opening

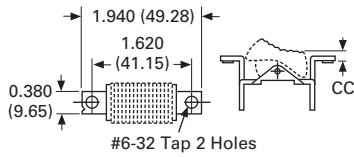


**Frame Types and Rocker/Paddle Styles for Standing Switches—Non-Illuminated Dimensions**

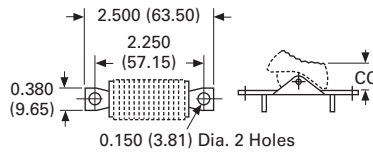
Approximate Dimensions in Inches (mm)

**Two-Pole Mounting Frame Types**

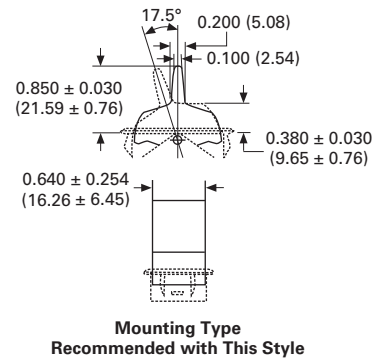
**Type E**



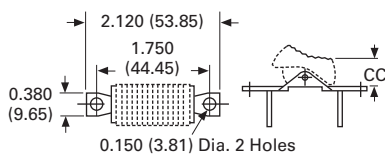
**Type F**



**Style 37 with Type X**

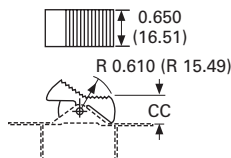


**Type G**

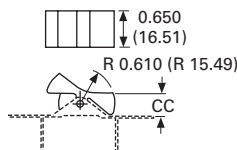


**Two-Pole Rocker Styles**

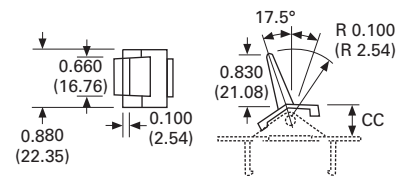
**Style 6**



**Style 7**

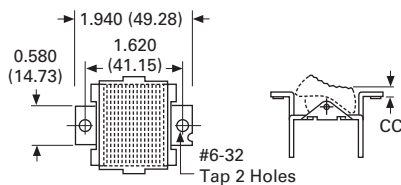


**Style 20**



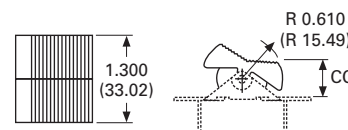
**Four-Pole Mounting Frame Type**

**Type H**



**Four-Pole Rocker Styles**

**Style 14**



**Reference Dimension "CC" — Top of Frame to Bottom of Terminal**

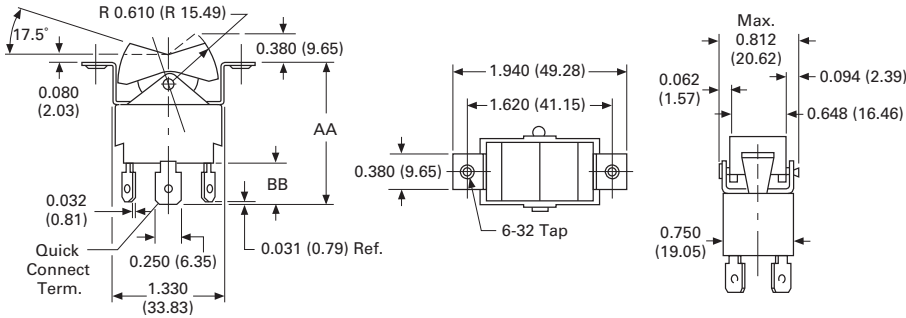
Dimension in Inches (mm)				
Mounting Frame Type				
Two-Pole				
Rocker Style	Type E	Type F	Type G	Recommended Panel Opening
6	0.08 (2.03)	0.42 (10.67)	0.42 (10.67)	0.69 x 1.25 (17.53 x 31.75)
7	0.08 (2.03)	0.42 (10.67)	0.42 (10.67)	0.69 x 1.25 (17.53 x 31.75)
20	N/A	0.42 (10.67)	0.42 (10.67)	N/A
37	N/A	N/A	N/A	N/A

Dimension in Inches (mm)		
Mounting Frame Type		
Four-Pole		
Rocker Style	Type H	Recommended Panel Opening
14	0.08 (2.03)	1.34 x 1.25 (34.04 x 31.75)

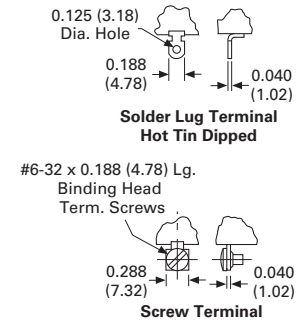
### Base Sealed Rockette Switch Dimensions

Approximate Dimensions in Inches (mm)

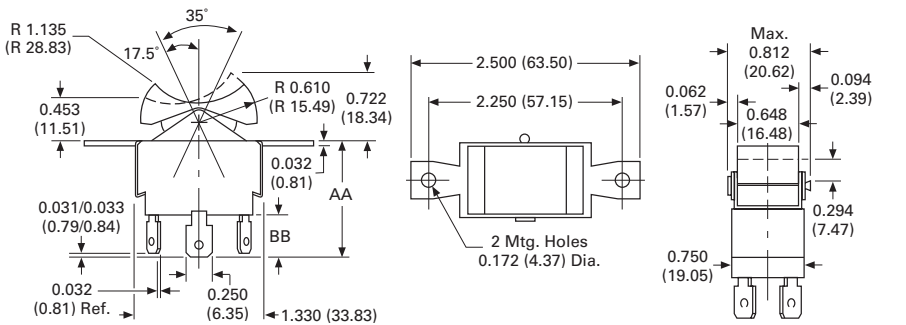
#### 2 Sealed Two-Pole—Mounting Frame Type E—Rocker Style 1



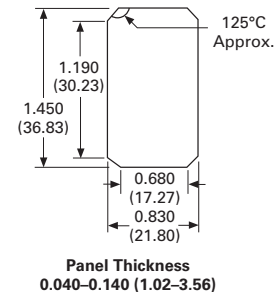
#### Terminals



#### Sealed Two-Pole—Mounting Frame Type F—Rocker Style 1



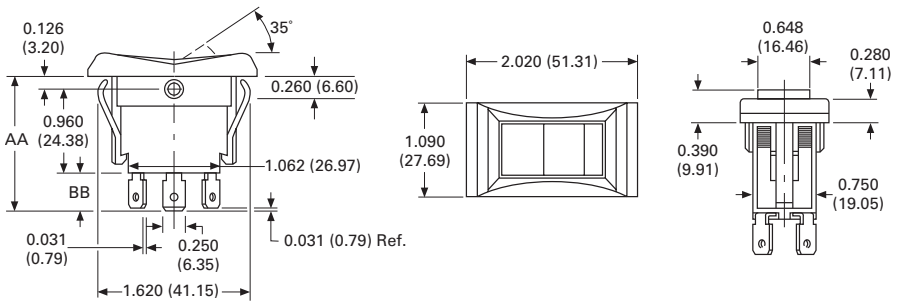
#### Panel Opening



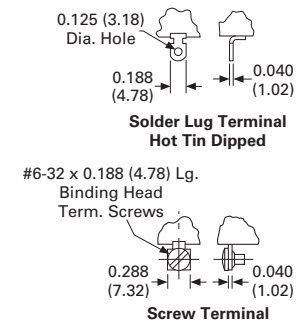
### Snap-in Mounting Frame Dimensions

Approximate Dimensions in Inches (mm)

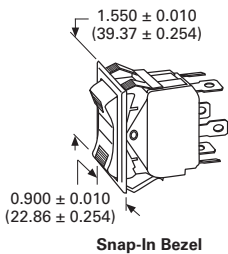
#### Sealed Two-Pole Switch—Mounting Frame Type W—Rocker Style 7



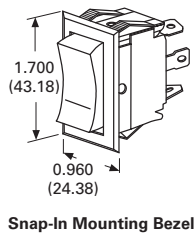
#### Terminals



#### Type X



#### Type Z



#### Reference Dimensions "AA" and "BB" in Inches (mm) ①

Terminal Type	Dimension "AA" (Two-Pole)						Dimension "BB"
	E Frame	F Frame	L Frame	W Frame	X Frame	Z Frame	All Frames
Screw	1.39 (35.33)	1.05 (26.62)	1.39 (35.33)	1.37 (34.82)	1.39 (35.34)	1.37 (34.82)	0.30 (7.62)
Solder lug	1.36 (34.57)	1.02 (25.86)	1.36 (34.57)	1.34 (34.06)	1.36 (34.51)	1.34 (34.06)	0.27 (6.86)
0.250 in spade	1.53 (38.89)	1.19 (30.18)	1.53 (38.89)	1.51 (38.38)	1.53 (38.89)	1.51 (38.38)	0.44 (11.18)
8058 Screw ②	1.509 (38.33)	1.145 (29.08)	1.509 (38.33)	1.808 (45.92)	1.627 (41.33)	1.528 (38.81)	0.460 (11.68)

#### Notes

- ① Dimension "AA"—Top of frame to bottom of terminal; "BB"—from bottom of base to bottom of terminal.
- ② #8-32 x 1/4 Phillips screw.

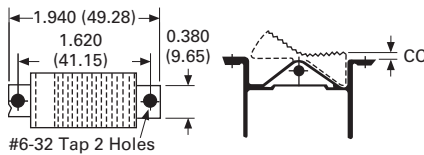
**Dimensions for Frame Type and Rocker Styles—Sealed Switches**

Approximate Dimensions in Inches (mm)

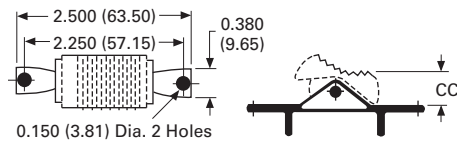
**Non-Illuminated**

**Single- and Two-Pole Mounting Frame Types**

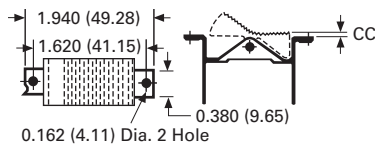
**Type E**



**Type F**

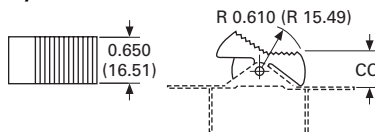


**Type L**

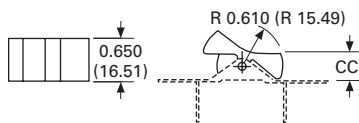


**Single- and Two-Pole Rocker Styles**

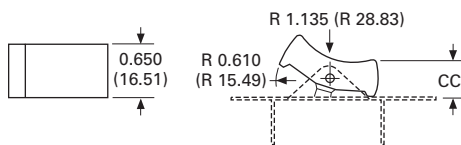
**Style 1**



**Style 2**



**Style 7**



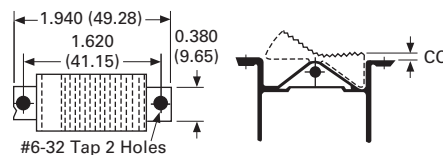
**Reference Dimension "CC" — Top of Frame to Rocker Face**

Rocker Style	Dimension in Inches (mm)			Recommended Panel Opening
	Mounting Frame Type			
	Single- and Two-Pole (Non-Illuminated)			
	E Frame	F Frame	L Frame	
1	0.08 (2.03)	0.42 (10.67)	0.08 (2.03)	0.69 x 1.25 (17.53 x 31.75)
2	0.08 (2.03)	0.42 (10.67)	0.08 (2.03)	0.69 x 1.25 (17.53 x 31.75)
7	0.11 (2.79)	0.45 (11.43)	0.11 (2.79)	0.69 x 1.25 (17.53 x 31.75)

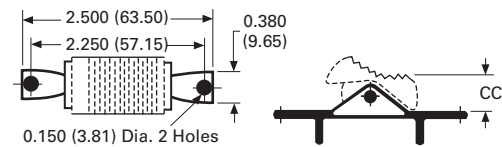
**Illuminated**

**Single-Pole Mounting Frame Types**

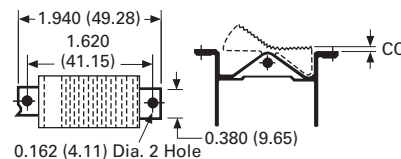
**Type E**



**Type F**

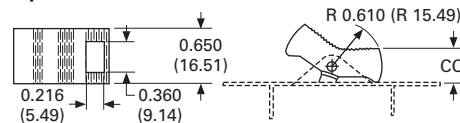


**Type L**

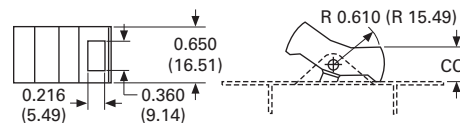


**Single-Pole Rocker Styles**

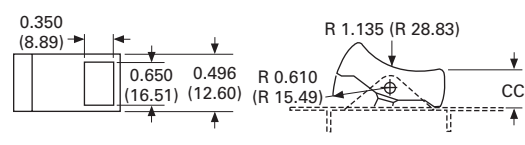
**Style 3**



**Style 5**



**Style 8**



Rocker Style	Dimension in Inches (mm)			Recommended Panel Opening
	Mounting Frame Type			
	Single- and Two-Pole (Illuminated)			
	E Frame	F Frame	L Frame	
3	0.08 (2.03)	0.42 (10.67)	0.08 (2.03)	0.69 x 1.25 (17.53 x 31.75)
5	0.08 (2.03)	0.42 (10.67)	0.08 (2.03)	0.69 x 1.25 (17.53 x 31.75)
8	0.11 (2.79)	0.45 (11.43)	0.11 (2.79)	0.69 x 1.25 (17.53 x 31.75)