Series - 8554, 8555, 8556

FEATURES

- Environmentally sealed
- 1, 2 and 4 pole circuitry
- 2 & 3 position with maintained and momentary action
- Pinned rocker button
- Rocker button style and color variations
- Multi-circuits
- Thermoplastic rocker buttons in opaque colors (serrated and smooth face)
- Panel mounting variations
    Flush panel
    Sub-panel
    Snap-in

SPECIFICATIONS

- Watertight per MIL-STD-108E and designed to meet IP68
- UL recognized and CSA certified
- Temperature range: -50°F to +150°F (-46°C to + 66°C)
- Life: 50,000 operations at rated load 100,000 operations mechanical life
- Three standard types of terminals
    Screw 6-32 UNC-2A
    Solder lug .125 [3,17] dia. hole
    Spade .250 [6,35] x .032 [0.82] thick

CURRENT RATINGS

No. of Poles	Catalog Number	Type of Operation	28VDC			115VAC 60 or 400Hz		
			Resistive Load	Inductive Load	Lamp Load	Resistive Load	Inductive Load	Lamp Load
1	8554	Maintained	20	15	5	15	10	3
		Momentary	15	10	4	11	7	2
2	8555	Maintained	20	15	7	15	15	4
		Momentary	18	10	5	11	8	2
4	8556	Maintained	20	12	5	15	15	4
		Momentary	18	10	4	11	8	2

Note: See page C28 for UL and CSA current ratings.

WHEN ORDERING SPECIFY . . .

- Catalog number of base switch followed by suffix letters and numbers for mounting bracket, rocker color and style as listed in selection table.

Order Example:

8555K1	S	32	M	8555K1S32M
Base Switch	Mounting Bracket	Rocker Style	Rocker Color	Complete Number
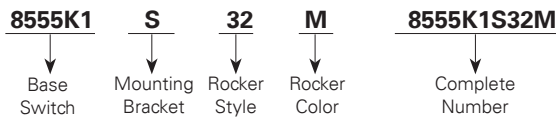
One Pole Snap-in Bezel Mounting

Two Pole Flush Panel Mounting

Four Pole Sub-Panel Mounting

SELECTION TABLE

CIRCUIT WITH LEVER IN . . .			BASE CATALOG NUMBER①			SUFFIX NUMBERS & LETTERS - ADD TO BASE CATALOG NUMBER						
Up Position	Center Position	Down Position (Keyway)	Screw Terminals	Solder Terminals	Spade Terminals	MOUNTING BRACKET			ROCKER STYLE		ROCKER COLOR	
						Frame Style	Mounting Holes	Code Letter	Style	Code No.	Color	Code Letter
One Pole												
ON	OFF	ON	8554K1	8554K91	8554K31							
ON	NONE	OFF	K9	K99	K39							
ON	NONE	ON	K4	K94	K34							
ON	OFF	NONE	K6	K96	K36	Sub-Panel Mounting-Clearance Holes	0.152	R				
ON	NONE	ON*	K5	K95	K35							
*ON	OFF	ON*	K2	K92	K32							
NONE	OFF	ON*	K7	K97	K37							
ON	NONE	OFF*	K10	K910	K310							
OFF	NONE	ON*	K11	K911	K311	Sub-Panel Mounting-Tapped Holes	6-32 UNC-2B	W	Serrated	32	White	M
ON	OFF	ON*	K3	K93	K33							
*ON	ON	NONE	K12	K912	K312							
ON	ON	NONE	K13	K913	K313							
Two Pole												
ON	OFF	ON	8555K1	8555K91	8555K31	Flush Panel Mounting-Clearance Holes	0.152	S			Black	V
ON	NONE	OFF	K9	K99	K39							
ON	NONE	ON	K4	K94	K34							
ON	OFF	NONE	K6	K96	K36							
ON	NONE	ON*	K5	K95	K35							
*ON	OFF	ON*	K2	K92	K32							
NONE	OFF	ON*	K7	K97	K37	Flush Panel Mounting-Tapped Holes	6-32 UNC-2B	T	Smooth	33	Red	T
ON	NONE	OFF*	K10	K910	K310							
OFF	NONE	ON*	K11	K911	K311							
ON	OFF	ON*	K3	K93	K33							
*ON	ON	NONE	K12	K912	K312							
ON	ON	NONE	K13	K913	K313	Snap-in Bezel Mounting	—	X				
ON	ON	ON	K14	K914	K314							
ON	ON	ON*	K15	K915	K315							
*ON	ON	ON*	K16	K916	K316							
ON	ON	ON	K17	K917	K317							
ON	ON	ON*	K18	K918	K318							
*ON	ON	ON*	K19	K919	K319							

* Momentary Contact.

ECONOSWITCH SEALED ROCKER SWITCHES
Series - 8554, 8555, 8556

SELECTION TABLE

CIRCUIT WITH LEVER IN . . .			BASE CATALOG NUMBER①			SUFFIX NUMBERS & LETTERS - ADD TO BASE CATALOG NUMBER						
						MOUNTING BRACKET			ROCKER STYLE		ROCKER COLOR	
Up Position	Center Position	Down Position (Keyway)	Screw Terminals	Solder Terminals	Spade Terminals	Style	Mounting Holes	Code Letter	Style	Code No.	Color	Code Letter
Four Pole												
ON	OFF	ON	8556K1	8556K91	8556K31	Sub-Panel Mounting-Clearance Holes	0.152	R				
ON	NONE	OFF	K9	K99	K39							
ON	NONE	ON	K4	K94	K34							
ON	OFF	NONE	K6	K96	K36							
ON	NONE	ON*	K5	K95	K35						White	M
* ON	OFF	ON*	K2	K92	K32	Sub-Panel Mounting-Tapped Holes	6-32 UNC-2B	W	Serrated	32		
NONE	OFF	ON*	K7	K97	K37							
ON	NONE	OFF*	K10	K910	K310							
OFF	NONE	ON*	K11	K911	K311							
ON	OFF	ON*	K3	K93	K33	Flush Panel Mounting-Clearance Holes	0.152				Black	V
* ON	ON	NONE	K12	K912	K312			S				
ON	ON	NONE	K13	K913	K313							
ON	ON	ON	K15	K915	K315							
ON	ON	ON*	K16	K916	K316	Flush Panel Mounting-Tapped Holes	6-32 UNC-2B	T	Smooth	33		
* ON	ON	ON*	K17	K917	K317						Red	T
						Snap-in Bezel Mounting	---	X				

* Momentary contact.
See pages C26-C27 and C29-C31 for circuit diagrams.
① Incomplete Catalog Number - add suffix letters and numbers for Mounting Bracket, Rocker Style and Rocker Color - see "When Ordering Specify."

STANDARD
0.00 = inches
[0,0] = mm

Dimensions for reference only.

Series - 8554, 8555, 8556

MOUNTING DIMENSIONS - ONE POLE / 8554

MTG. HOLES 2 REQ.
6-32 UNC-2B
.152[3,86]

.670
.718
1.625
1.937

RECOMMENDED PANEL CUT-OUT
.690
1.250

KEYWAY
.388
.61R
.545
.253
.674
.382
.098
1.65 MAX. FLUSH PANEL MTG.
1.35 MAX. SUB PANEL MTG.
6-32 UNC-2A TERMINAL SCREW ,SEMS

1.63 MAX. FLUSH PANEL MTG.
1.33 MAX. SUB PANEL MTG.
.125[3,18] DIA. HOLE

1.56 MAX. SUB PANEL MTG.
1.86 MAX. FLUSH PANEL MTG.
.250[6,35]X.032[0,81] THK

1.25
.594
1 2 3
SCREW TERMINAL

1 2 3
SOLDER LUG

1 2 3
SPADE TERMINAL
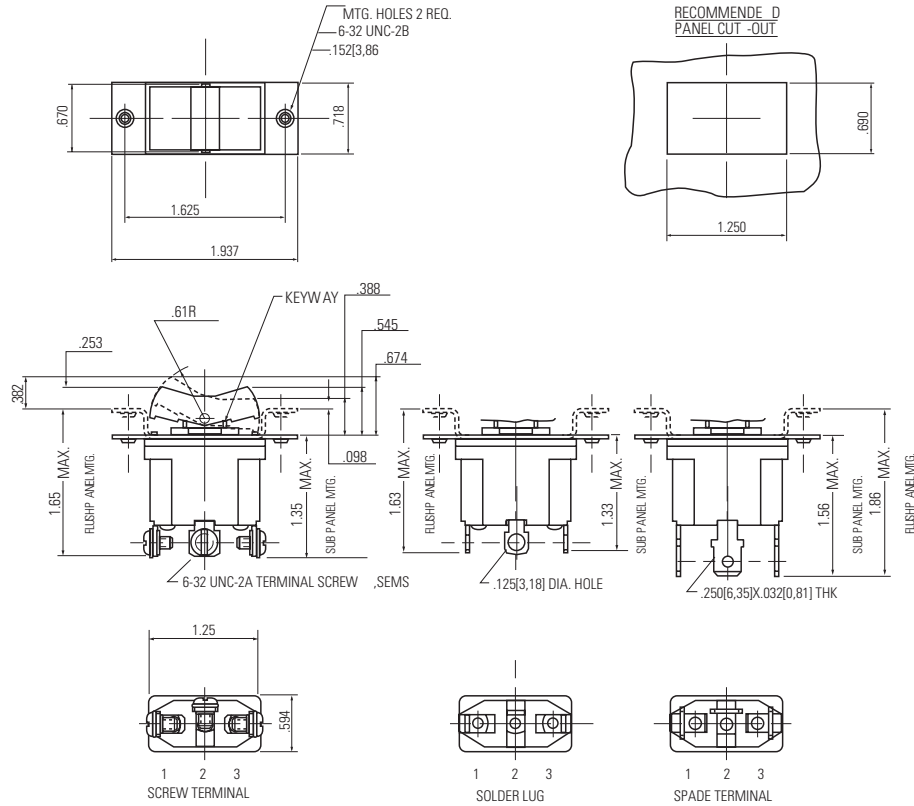
MOUNTING DIMENSIONS - SNAP-IN BEZEL ONE POLE / 8554

.900 ± .015
.670 MAX
1.550 ± .015

RECOMMENDED PANEL CUT-OUT
.680
.830
1.19
1.45
RECOMMENDED PANEL THICKNESS: .040 TO .140

.61 ± .01R
KEYWAY
.218 ± .065
.336 ± .065
.076 ± .043
.060 ± .023
.030 ± .015
.030 ± .015
1.68 MAX
1.55 ± .07 .04
6-32 UNC-2A TERMINAL SCREWS, SEMS

NOTE:
WIRES ATTACHED TO THIS SWITCH MUST HAVE RING LUGS TO FIT #5 SCREW. DO NOT USE SPADE LUG OR WRAP WIRE AROUND TERMINAL SCREW.

1.66 MAX
.125 ± .010 DIA. HOLE

1.89 MAX
.250 ± .005 x .032 ± .002 THK.

1.25 ± .02
.594 ± .020
6-32 UNC-2A TERMINAL SCREW
1 2 3
SCREW TERMINAL

1 2 3
SOLDER LUG

1 2 3
SPADE TERMINAL

SAFRAN ELECTRICAL & POWER   **C15**

ECONOSWITCH SEALED ROCKER SWITCHES
Series - 8554, 8555, 8556

Econoswitch Sealed Rocker Switches

MOUNTING DIMENSIONS - TWO POLE / 8555

MTG HOLES
6-32 UNC-2B
.152 [3,86] DIA.

RECOMMENDED PANEL CUT-OUT

.1670
.648
.718

1.625
1.937

1.250
.690

KEYWAY
.61R
.253
.388
.545
.674
.382
.098

1.69 MAX. FLUSH P ANEL MTG.
1.39 MAX. SUB P ANEL MTG.

6-32 UNC-2A TERMINAL SCREW, SEMS

1.67 MAX. FLUSH P ANEL MTG.
1.37 MAX. SUB P ANEL MTG.

.125[3,18] DIA. HOLE

1.60 MAX. SUB P ANEL MTG.
1.90 MAX. FLUSH P ANEL MTG.

.250[6,35] X .032[0,81]

1.32
.89
4 5 6
1 2 3
SCREW TERMINAL

4 5 6
1 2 3
SOLDER LUG
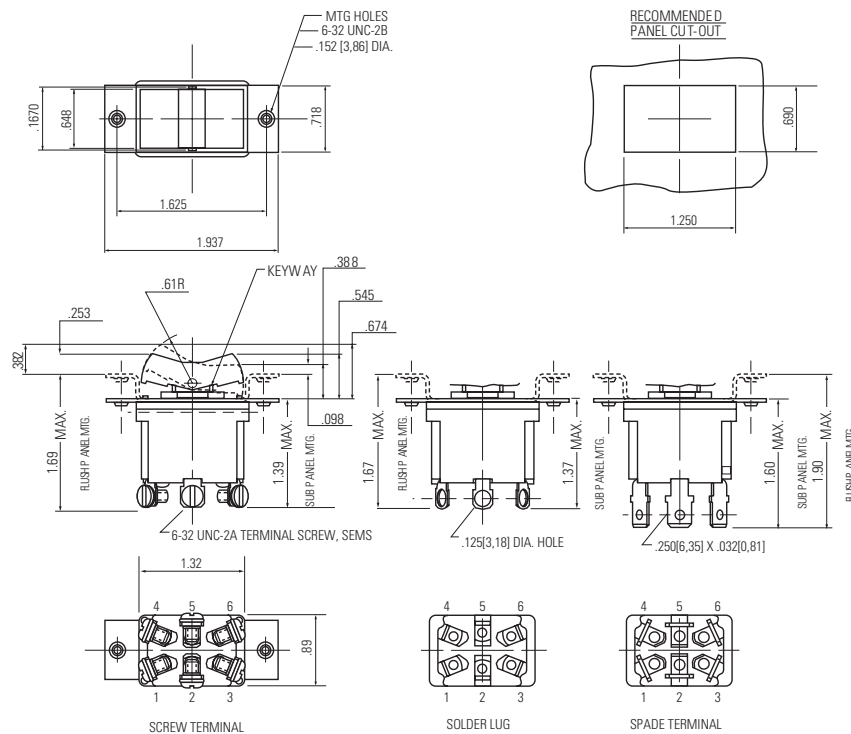
4 5 6
1 2 3
SPADE TERMINAL

MOUNTING DIMENSIONS - SNAP-IN BEZEL TWO POLE / 8555
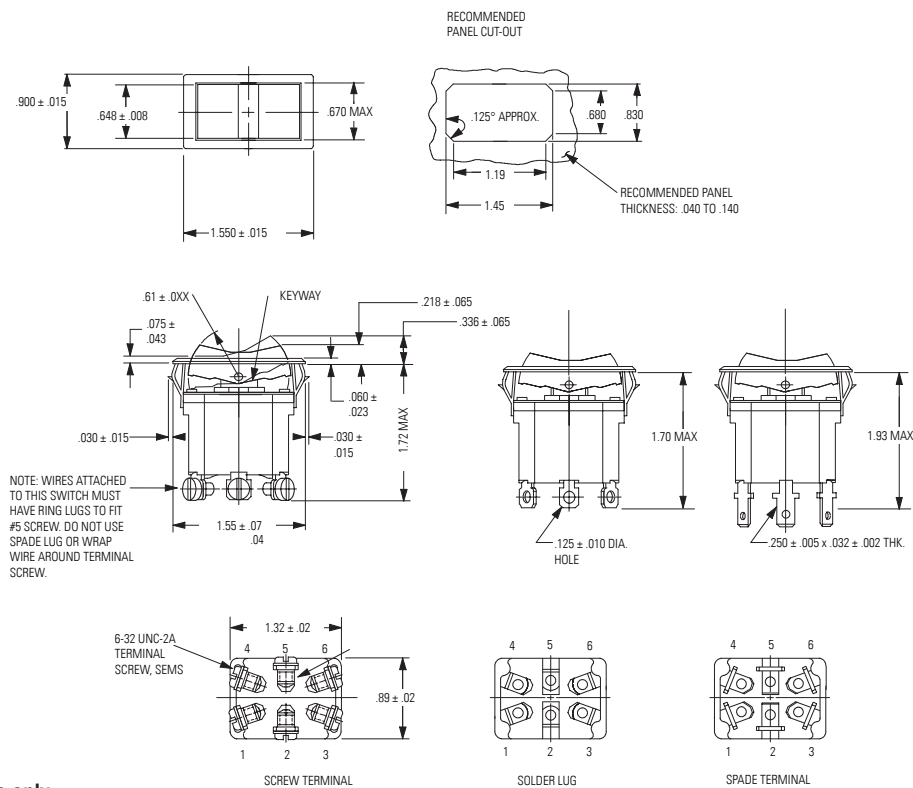
RECOMMENDED PANEL CUT-OUT

.900 ± .015
.648 ± .008
.670 MAX
1.550 ± .015

.125° APPROX.
.680
.830
1.19
1.45

RECOMMENDED PANEL THICKNESS: .040 TO .140

.61 ± .0XX
KEYWAY
.075 ± .043
.218 ± .065
.336 ± .065
.060 ± .023
.030 ± .015
.030 ± .015
1.72 MAX
1.55 ± .07 .04

NOTE: WIRES ATTACHED TO THIS SWITCH MUST HAVE RING LUGS TO FIT #5 SCREW. DO NOT USE SPADE LUG OR WRAP WIRE AROUND TERMINAL SCREW.

1.70 MAX
.125 ± .010 DIA. HOLE

1.93 MAX
.250 ± .005 x .032 ± .002 THK.

STANDARD
0.00 = inches
[0,0] = mm

Dimensions for reference only.

6-32 UNC-2A TERMINAL SCREW, SEMS
1.32 ± .02
.89 ± .02
4 5 6
1 2 3
SCREW TERMINAL

4 5 6
1 2 3
SOLDER LUG

4 5 6
1 2 3
SPADE TERMINAL

C16 SAFRAN ELECTRICAL & POWER SAFRAN

MOUNTING DIMENSIONS - FOUR POLE / 8556

MTG HOLES
6-32 UNC-2B
.152 [3,86] DIA.

RECOMMENDED
PANEL CUT - OUT

.648 .718

.690 [17,53]

1.625

1.937

1.250 [31,75]

KEYWAY
.388
.61R
.545
.253
.674
.382
.098

FLUSH P ANEL MTG. 1.69 MAX.
SUB P ANEL MTG. 1.39 MAX.

FLUSH P ANEL MTG. 1.67 MAX.
SUB P ANEL MTG. 1.37 MAX.

SUB P ANEL MTG. 1.60 MAX.
FLUSH P ANEL MTG. 1.90 MAX.

6-32 TERMINAL SCREW ,SEMS
1.32

.125[3,18] DIA. HOLE

.250[6,35] X .032[0,81] THK.

1.64

SCREW TERMINAL

SOLDER LUG

SPADE TERMINAL
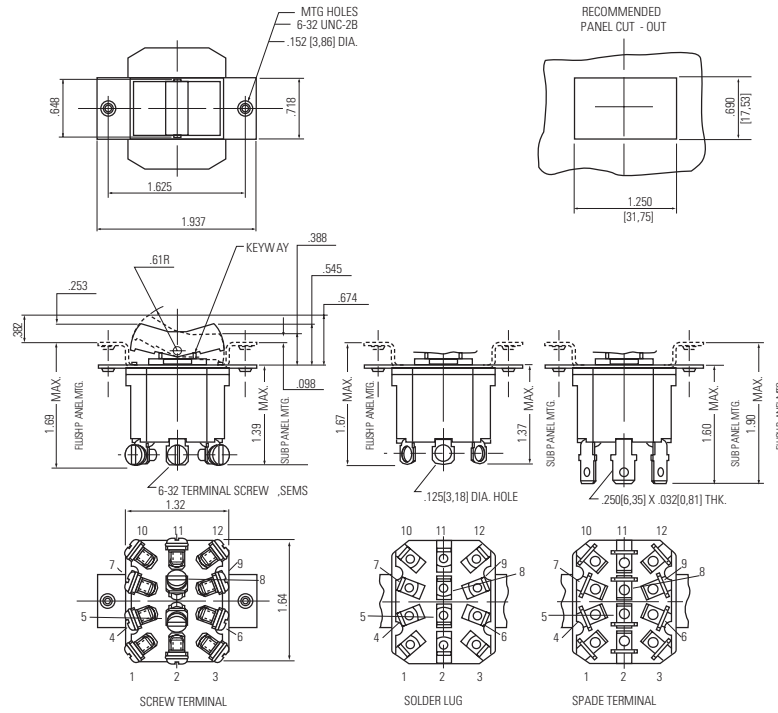
MOUNTING DIMENSIONS - SNAP-IN BEZEL FOUR POLE / 8556
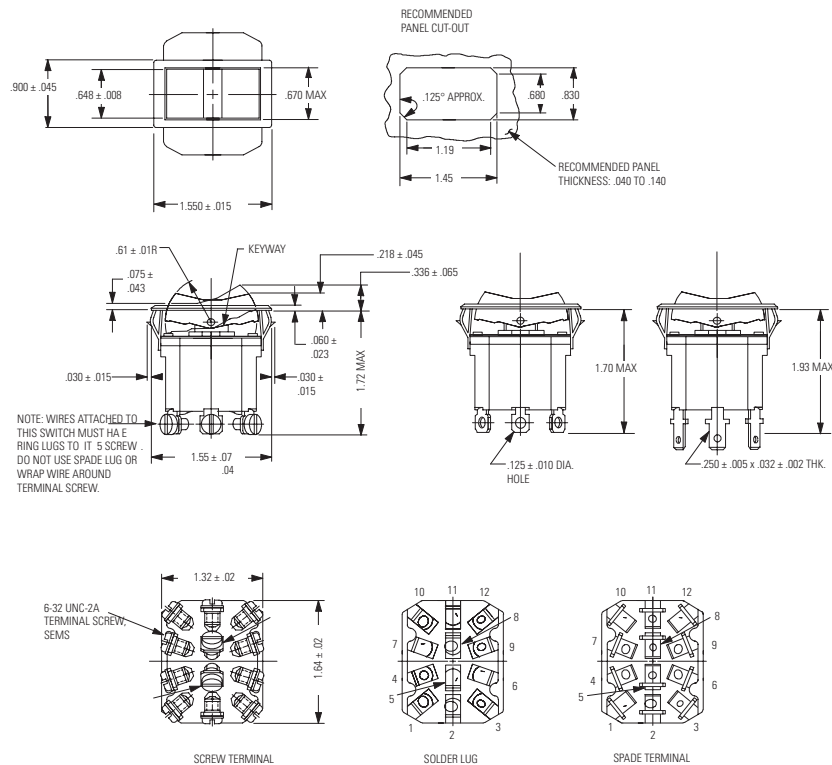
RECOMMENDED
PANEL CUT-OUT

.900 ± .045
.648 ± .008
.670 MAX

.125° APPROX.
.680 .830

1.19
1.45

RECOMMENDED PANEL
THICKNESS: .040 TO .140

1.550 ± .015

.61 ± .01R
KEYWAY
.218 ± .045
.336 ± .065

.075 ± .043

.060 ± .023

.030 ± .015

.030 ± .015

1.72 MAX

1.70 MAX

1.93 MAX

NOTE: WIRES ATTACHED TO
THIS SWITCH MUST HA E
RING LUGS TO IT 5 SCREW .
DO NOT USE SPADE LUG OR
WRAP WIRE AROUND
TERMINAL SCREW.

1.55 ± .07
.04

.125 ± .010 DIA.
HOLE

.250 ± .005 x .032 ± .002 THK.

6-32 UNC-2A
TERMINAL SCREW,
SEMS

1.32 ± .02

1.64 ± .02

SCREW TERMINAL

SOLDER LUG

SPADE TERMINAL

STANDARD
0.00 = inches

[0,0] = mm

Dimensions for reference only.

SAFRAN ELECTRICAL & POWER   C17

OPTIONS/ACCESSORIES

- Special color rockers
- Hot stamped lettering on rockers - smooth rockers only
- Special plated bezels
- Special marking on switches
- Optional Actuator
- Gold plated contacts