

Momentary Push Button Operators, Illuminated — Flush, Extended, Guarded



Flush Operator
 Cat. No. 800FM-LF4



Extended Operator
 Cat. No. 800FP-LE3



Guarded Operator
 Cat. No. 800FP-LG3

Color	Pkg. Quantity	Flush		Extended	
		Plastic	Metal	Plastic	Metal
Cat. No.		Cat. No.	Cat. No.	Cat. No.	Cat. No.
Green	1	800FP-LF3	800FM-LF3	800FP-LE3	800FM-LE3
Red		800FP-LF4	800FM-LF4	800FP-LE4	800FM-LE4
Yellow		800FP-LF5	800FM-LF5	800FP-LE5	800FM-LE5
Clear		800FP-LF7	800FM-LF7	800FP-LE7	800FM-LE7

800F P - LE 3 -
 a b c d

a

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

c

Color Cap *	
Code	Color
0	Amber*
3	Green
4	Red
5	Yellow*
6	Blue*
7	Clear
9	No cap

d

Packaging	
Code	Description
Blank	1 per package
BP	10 per package†

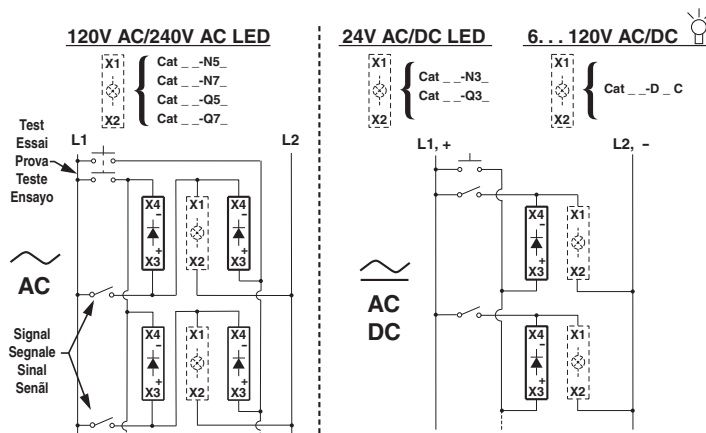
b

Operator Type	
Code	Description
LF	Flush
LE	Extended
LG	Guarded

* For custom laser-engraved operator, order operator with applicable lens cap color plus custom laser-engraved diffuser; see page 10-115.
 * When using LED for illumination, a white LED is recommended.
 † Only available with no color cap (9 from Table c).

Push-to-Test Push Button Device Schematic

Illuminated push buttons may be wired as a push-to-test device by using the following schematic and Cat. No. 800F-XD7 Diode module from page 10-111.



Alternate Action Operators — Non-Illuminated



Cat. No. 800FM-FA3

800F M FA 3
 a b c

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

Operator Type*	
Code	Description
FA	Non-illuminated, flush, alternate action

Color Cap*	
Code	Color
0	Orange
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue
9	No cap
X	Assortment pack

* Must use N.O.E.M. or N.C. contacts.
* For custom laser-engraved legend cap, order "no cap" option plus custom laser-engraved cap on page 10-115.

Alternate Action Operators — Illuminated



Cat. No. 800FP-LFA3

800F P LFA 3
 a b c

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

Operator Type§*	
Code	Description
LFA	Illuminated, flush, alternate action

Color Cap>	
Code	Color
0	Amber‡
3	Green
4	Red
5	Yellow‡
6	Blue‡
7	Clear
9	No lens

§ Must use N.O.E.M. or N.C. contacts.
* LED module required for illumination, can not use incandescent module.
> For custom laser-engraved operator, order operator with applicable lens cap color plus custom laser-engraved diffuser on page 10-115.
‡ Use of a white LED is recommended.

Pilot Light Operators*



Plastic Pilot Light
 Cat. No. 800FP-P7



Metal Pilot Light
 Cat. No. 800FM-P4

Color	Pkg. Quantity	Plastic	Metal
		Cat. No.	Cat. No.
Green	1	800FP-P3	800FM-P3
Red		800FP-P4	800FM-P4
Yellow		800FP-P5	800FM-P5

800F P - P 3 -
 a b c d

a

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Code	Description
P	Diffuser

c

Lens Cap*	
Code	Color
0	Amber*
3	Green
4	Red
5	Yellow*
6	Blue*
7	Clear
9	No lens

d

Packaging	
Code	Description
Blank	1 per package
BP	10 per package

* For custom laser-engraved pilot light, order pilot light with applicable lens cap color plus custom laser-engraved diffuser on page 10-115.
 * When using LED for illumination, a white LED is recommended.

2-Position Selector Switch Operators, Non-Illuminated



Standard Knob
Cat. No. 800FP-SM22



Knob Lever
Cat. No. 800FP-HM22

Switching Angle



Target Table and Operator Position*		
Contact Type§		
N.O.	O	X
N.C.	X	O

Note: X = Closed/O = Open
§ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Color	Operator Type 	Pkg. Quantity	Standard Knob	
			Plastic	Metal
			Cat. No.	Cat. No.
Black with White Insert		1	800FP-SM22	800FM-SM22

* Target table for spring return from left is reversed from what is shown in the table.

800F P - S M2 2 -
 a b c d e f

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

Operator Type	
Code	Description
S	Standard knob
H	Knob lever*

Operator Function	
Code	Type
M2	Maintained (60° switching angle)
L2	Spring return from left (60° switching angle)
R2	Spring return from right (60° switching angle)

Knob/Insert Color		
Code	Knob Color	Insert Color
2	Black	White

Orientation	
Code	Description
Blank	Standard
N	90° offset†

Packaging	
Code	Description
Blank	1 per package
BP	10 per package‡

* 30 mm hole spacing will not work if knob lever is used. See page 10-125 for recommended operator panel spacing.
† For use in vertical mount Bul. 800F enclosures.
‡ Not available with 90° offset orientation.

2-Position Selector Switch Operators, Illuminated §



Standard Knob
 Cat. No. 800FP-LSM26

Switching Angle



Target Table and Operator Position*		
Contact Type➤		
N.O.	O	X
N.C.	X	O

Note: X = Closed/O = Open

➤ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Color	Operator Type		Pkg. Quantity	Standard Knob	
				Plastic	Metal
				Cat. No.	Cat. No.
Green			1	800FP-LSM23	800FM-LSM23
Red				800FP-LSM24	800FM-LSM24
Yellow				800FP-LSM25	800FM-LSM25

* Target table for spring return from left is reversed from what is shown in the table.

800F P – LS M2 3
 a b c d e

a

Operator Construction	
Code	Description*
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Code	Description
LS	Standard knob
LH	Knob lever‡

c

Operator Function	
Code	Type
M2	Maintained (60° switching angle)
L2	Spring return from left (60° switching angle)
R2	Spring return from right (60° switching angle)

d

Knob/Insert Color		
Code	Knob Color	Insert Color
0	Amber➤	White
3	Green	White
4	Red	White
5	Yellow➤	Black
6	Blue➤	White
7	Clear	Black

e

Orientation	
Code	Description
Blank	Standard
N	90° offset‡

* LED module required for illumination, can not use incandescent module.

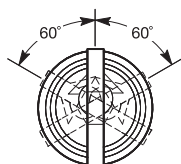
‡ For use in vertical mount enclosures.

§ Crevices may exist on product that may be unsuitable for certain applications. Please consult your local Rockwell Automation sales office or Allen-Bradley distributor.

‡ Only available in clear.

➤ Use of a white LED is recommended.

Switching Angle



Target Table and Operator Position (60° Switching Angle)				
Contact Type➦	Position on Mounting Latch			
N.O.	Left	X	O	O
	Right	O	O	X
	Center	X	O	X
	Center CL➦	X	O	O
	Center CR➦	O	O	X
N.C.	Left	O	X	X
	Right	X	X	O
	Center	O	X	O
	Center CL➦	O	X	X
	Center CR➦	X	X	O

♣ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Color	Operator Type	Pkg. Quantity	Standard Knob		Knob Lever	
	  		Plastic	Metal	Plastic	Metal
			Cat. No.	Cat. No.	Cat. No.	Cat. No.
Black with White Insert		1	800FP-SM32	800FM-SM32	800FP-HM32	800FM-HM32
			800FP-SB32	800FM-SB32	800FP-HB32	800FM-HB32

$$800F \quad \frac{P}{a} - \frac{S}{b} \quad \frac{M3}{c} \quad \frac{2}{d} \quad \frac{}{e} \quad \frac{}{f}$$

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

Operator Type	
Code	Description
S	Standard knob
H	Knob lever*

Operator Function	
Code	Type
M3	Maintained 
L3	Spring return from left 
R3	Spring return from right 
B3	Spring return from left and right 

Knob/Insert Color		
Code	Knob Color	Insert Color
2	Black	White

Orientation	
Code	Description
Blank	Standard
N	90° offset❄

Operation	
Code	Description
Blank	Standard
CL	Center left†
CR	Center right†

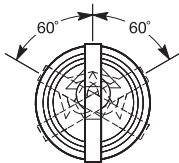
⚡ The center contact block can have the same target output as the left or right contact block, by specifying center left (CL) or center right (CR) option.

3-Position Selector Switch Operators, Illuminated ‡



Standard Knob
 Cat. No. 800FP-LSM37

Switching Angle



Target Table and Operator Position (60° Switching Angle)				
Contact Type♣	Position on Mounting Latch			
N.O.	Left	X	O	O
	Right	O	O	X
N.C.	Left	O	X	X
	Right	X	X	O

Note: X = Closed/O = Open

♣ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Operator Type 	Pkg. Quantity	Green		Red		Yellow	
		Plastic Cat. No.	Metal Cat. No.	Plastic Cat. No.	Metal Cat. No.	Plastic Cat. No.	Metal Cat. No.
	1	800FP-LSM33	800FM-LSM33	800FP-LSM34	800FM-LSM34	800FP-LSM35	800FM-LSM35
		800FP-LSR33	800FM-LSR33	800FP-LSR34	800FM-LSR34	800FP-LSR35	800FM-LSR35
		800FP-LSL33	800FM-LSL33	800FP-LSL34	800FM-LSL34	800FP-LSL35	800FM-LSL35
		800FP-LSB33	800FM-LSB33	800FP-LSB34	800FM-LSB34	800FP-LSB35	800FM-LSB35

800F **P** **-** **LS** **M3** **3**
 a **b** **c** **d** **e**

Operator Construction	
Code	Description*
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

Operator Type	
Code	Description
LS	Standard knob
LH	Knob lever§

Operator Function	
Code	Type
M3	Maintained
L3	Spring return from left
R3	Spring return from right
B3	Spring return from left and right

Knob/Insert Color		
Code	Knob Color	Insert Color
0	Amber➤	White
3	Green	White
4	Red	White
5	Yellow➤	Black
6	Blue➤	White
7	Clear	Black

Orientation	
Code	Description
Blank	Standard
N	90° offset*

* LED module required for illumination, can not use incandescent module.

⚙ For use in vertical mount 800F enclosures.

‡ Crevices may exist on product that may be unsuitable for certain applications. Please consult your local Rockwell Automation sales office or Allen-Bradley distributor.

§ Only available in clear.

➤ Use of a white LED is recommended.

4-Position Selector Switch Operators, Non-Illuminated



Standard Knob
Cat. No. 800FP-SM42

Target Table and Operator Position*					
Contact Type§	Position on Mounting Latch				
N.O.	Left	O	O	X	O
	Right	X	O	O	O
	Center	X	O	X	O
	Center CL	O	O	X	O
	Center CR	X	O	O	O
N.C.E.B.	Left	O	O	O	X
	Right	O	X	O	O
	Center CL	O	O	O	X
	Center CR	O	X	O	O
N.C.L.B.	Left	X	X	O	X
	Right	O	X	X	X
	Center	O	X	O	X
	Center CL	X	X	O	X
	Center CR	O	X	X	X

Note: X = Closed/O = Open
§ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Color	Standard Knob — Maintained		Pkg. Quantity
	Plastic	Metal	
	Cat. No.	Cat. No.	
Black with White Insert	800FP-SM42	800FM-SM42	1

800F P - S M4 2
 a b c d e f

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

Operator Function	
Code	Type
M4	Maintained (45° switching angle)

Orientation	
Code	Description
Blank	Standard
N	90° offset*

Operator Type	
Code	Description
S	Standard knob
H	Knob lever

Knob/Insert Color		
Code	Knob Color	Insert Color
2	Black	White

Operation	
Code	Description
Blank	Standard
CL	Center left†
CR	Center right†

* Must use N.O., N.C.E.B., or N.C.L.B. contact blocks only. Cannot use N.C. or N.O.E.M. contact blocks with 4-position selector switch.
* For use in vertical mount enclosures.
† The center contact block can have the same target output as the left or right contact block, by specifying center left (CL) or center right (CR) option.

2-Position Key-Operated Selector Switches, Non-Illuminated



Key Selector Switch
 Cat. No. 800FP-KM21R

Switching Angle



Target Table and Operator Position*		
Contact Type➤		
N.O.	O	X
N.C.	X	O

Note: X = Closed/O = Open

➤ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Key Removal Position	Operator Type 	Pkg. Quantity	Key Selector Switch Operators	
			Plastic Cat. No.	Metal Cat. No.
Left		1	800FP-KM21	800FM-KM21
Both			800FP-KM23	800FM-KM23

* Target table for spring return from left is reversed from what is shown in the table.

800F **M** **- KM2** **1**
 a **b** **c** **d**

a

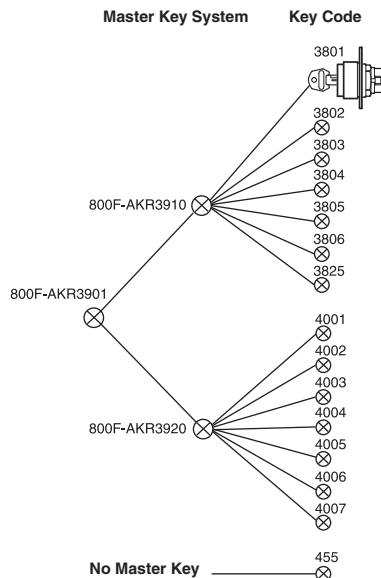
Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Code	Type
KM2	Maintained (60° switching angle) ✓
KL2	Spring return from left (60° switching angle) ✓
KR2	Spring return from right (60° switching angle) ✓

c

Key Removal Position*	
Code	Position
1	Left
2	Right
3	Both



d

Ronis Key Lock†\$*	
Code	Key No.
Blank	3825 (Standard)
R	455
01R	3801
02R	3802
03R	3803
04R	3804
05R	3805
06R	3806
27R	4001
28R	4002
29R	4003
30R	4004
31R	4005
32R	4006
33R	4007

* Key removal in maintained positions only.

† Keyed operators are IP66, Type 4/13.

\$ Not intended for high security applications. Interoperability is possible with certain key/cylinder lock combinations. Consult your local Rockwell Automation sales office or Allen-Bradley distributor for interoperability information.

* For replacement Ronis keys, see Accessories, page 10-111.

3-Position Key-Operated Selector Switches, Non-Illuminated

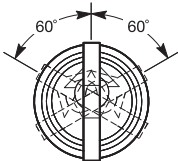


Key-Operated Selector Switch
Cat. No. 800FP-KM31R



Key-Operated Selector Switch
Cat. No. 800FM-KM31R

Switching Angle



Target Table and Operator Position				
Contact Type➤	Position on Mounting Latch			
N.O.	Left	X	O	O
	Right	O	O	X
	Center	X	O	X
N.C.	Left	O	X	X
	Right	X	X	O
	Center	O	X	O

Note: X = Closed/O = Open
➤ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Key Removal Position	Operator Position	Pkg. Quantity	Key Selector Switch Operators	
			Plastic	Metal
			Cat. No.	Cat. No.
Left		1	800FP-KM31	800FM-KM31
All			800FP-KM33	800FM-KM33
Center			800FP-KM34	800FM-KM34
Center			800FP-KB34	800FM-KB34

800F M - KM3 3
 a b c d

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/13)
M	Round metal operator (IP66, Type 4/13)

Operator Type	
Code	Description
KM3	Maintained
KR3	Spring return from right
KL3	Spring return from left
KB3	Spring return from both

Key Removal Position*		
Code	Type	
1	Left	
3	All	
4	Center	
5	Left/center	
7♣	Center/right	

d
See page 10-83 for optional key codes*‡§

* Key removal in maintained positions only.
* Keyed operators are IP66, Type 4/13.
‡ Not intended for high security applications. Interoperability is possible with certain key/cylinder lock combinations. Consult your local Rockwell Automation sales office or Allen-Bradley distributor for interoperability information.
§ For replacement Ronis keys, see Accessories, page 10-111.
♣ Key removal position only valid with operator types 800F_-KM3 and 800F_-KL3.

Emergency Stop Operators*

Non-Illuminated Twist-to-Release, Push-Pull



60 mm Non-Illuminated Twist-to-Release
Cat. No. 800FP-MT64



40 mm Non-Illuminated Push-Pull
Cat. No. 800FP-MP44

Color	Size	Pkg. Quantity	Twist-to-Release (Trigger Action)		Push-Pull (Trigger Action)	
			Plastic	Metal	Plastic	Metal
			Cat. No.	Cat. No.	Cat. No.	Cat. No.
Red	30	1	800FP-MT34	800FM-MT34	—	—
	40		800FP-MT44	800FM-MT44	800FP-MP44	800FM-MP44
	60		800FP-MT64	800FM-MT64	—	—

Illuminated — Twist-to-Release, Push-Pull‡



40 mm Illuminated Twist-to-Release
Cat. No. 800FP-LMT44



40 mm Mushroom Push/Pull
Cat. No. 800FM-LMP44

Color	Size	Pkg. Quantity	Twist-to-Release (Trigger Action)		Push-Pull (Trigger Action)	
			Plastic	Metal	Plastic	Metal
			Cat. No.	Cat. No.	Cat. No.	Cat. No.
Red	30	1	—	—	800FP-LMP34	800FM-LMP34
	40		800FP-LMT44	800FM-LMT44	800FP-LMP44	800FM-LMP44
	60		800FP-LMT64	800FM-LMT64	800FP-LMP64	800FM-LMP64

Key Release Mushroom Operator



40 mm Non-Illuminated Key Release
Cat. No. 800FP-MK44

Color	Size	Pkg. Quantity	Ronis Key Lock (Trigger Action)*	
			Plastic	Metal
			Cat. No.	Cat. No.
Red	40 mm	1	800FP-MK44	800FM-MK44

* All emergency stop operators are EN ISO 13850 compliant with standard NC, NCLB, or self-monitoring contact blocks.

‡ LED module required for illumination, can not use incandescent module.

* For key options, see page 10-88.

Bulletin 800F

22.5 mm Push Buttons

Product Selection

2-Position Push-Pull Operators, Non-Illuminated — Twist-to-Release (Trigger Action), Push-Pull (Trigger Action)*⌘



40 mm Trigger Action
Twist-to-Release Mushroom
Cat. No. 800FP-MT44



40 mm Trigger Action
Push-Pull Mushroom
Cat. No. 800FP-MP44



90 mm Half-Dome
Cat. No. 800FP-MP94

Color	Pkg. Quantity	40 mm Mushroom (Trigger Action) Twist-to-Release		40 mm Mushroom (Trigger Action) Push-Pull	
		Plastic	Metal	Plastic	Metal
		Cat. No.	Cat. No.	Cat. No.	Cat. No.
Red	1	800FP-MT44	800FM-MT44	800FP-MP44	800FM-MP44

800F P - MT4 4

 a b c d

a

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Push, Twist-to-Release➤	
Code	Type
MT3	30 mm color cap
MT4	40 mm color cap
MT6	60 mm color cap
Push-Pull⬆	
Code	Type
MP4	40 mm color cap
Half-Dome Push-Pull⬆	
Code	Type
MP9	90 mm color cap⌘

c

Color Cap	
Code	Color
2	Black
3	Green
4	Red
5	Yellow
6	Blue

d⌘§⌘

Engraving	
Code	Description
Blank	No engraving on cap
LE	EMO laser engraved
E	EMO printed

* All emergency stop operators are EN ISO 13850 compliant with standard NC, NCLB, or self-monitoring contact blocks.

⌘ E-Stop operators, latch, and contact block combinations have been third-party tested for B10d values. B10d values can be found in publication SAFETY-SR001-EN-E.

➤ Only available with red color cap.

‡ For EMO guards, see page 10-109.

§ Only available on 40 mm color cap.

⌘ Only available on red, 40 mm push, twist-to-release operator type (MT44).

⌘ Half-dome operators only available with black, red, and yellow color caps.

⬆ Limit of four contact blocks max. for these devices.

2-Position Push-Pull Operators, Illuminated — Twist-to-Release (Trigger Action), Push-Pull (Trigger Action)*⚡⚡



40 mm Illuminated Twist-to-Release
 Cat. No. 800FP-LMT44



40 mm Mushroom Push/Pull
 Cat. No. 800FM-LMP44



90 mm Half-Dome
 Cat. No. 800FP-LMP94

Color	Pkg. Quantity	40 mm Mushroom (Trigger Action) Twist-to-Release		40 mm Mushroom (Trigger Action) Push-Pull	
		Plastic	Metal	Plastic	Metal
		Cat. No.	Cat. No.	Cat. No.	Cat. No.
Red	1	800FP-LMT44	800FM-LMT44	800FP-LMP44	800FM-LMP44

800F P – LMP4 3
 a b c

a

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Push, Twist-to-Release†§	
Code	Type
LMT4	40 mm color cap
LMT6	60 mm color cap
Push-Pull⚡	
Code	Type
LMP3	30 mm color cap
LMP4	40 mm color cap
LMP6	60 mm color cap
Half-Dome Push-Pull⚡	
Code	Type
LMP9	90 mm color cap⚡

c

Lens Cap Color	
Code	Color
3	Green
4	Red
5	Yellow➤
6	Blue♣

- * LED module required for illumination, can not use incandescent module.
- ⚡ All emergency stop operators are EN ISO 13850 compliant with standard NC, NCLB, or self-monitoring contact blocks.
- ⚡ E-Stop operators, latch, and contact block combinations have been third-party tested for B10d values. B10d values can be found in publication SAFETY-SR001_EN-E.
- † Only available with red color cap.
- § 60 mm version has black arrows; 30 and 40 mm versions have white arrows.
- Use of a white LED is recommended.
- ♣ Only available with 40 mm Push-Pull color cap (**LMP4** from Table b).
- ⚡ Half-dome operators only available with red and yellow lens cap colors.
- ⚡ Limit of four contact blocks max. for these devices.

2-Position Non-Illuminated Operators — Mushroom, Key Release (Trigger Action)*♣



40 mm Key Release Mushroom
Cat. No. 800FP-MK44

Color	Pkg. Quantity	2-Position (Trigger Action) 40 mm Mushroom Key Release	
		Plastic	Metal
		Cat. No.	Cat. No.
Red	1	800FP-MK44	800FM-MK44

Note: For replacement Ronis keys, see Accessories, page 10-111. Key release mushroom operators use key no. 3825.

800F P -MK4 4

 a b c d

a

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Key Release Mushroom	
Code	Type
MK4	40 mm

c

Lens Cap Color	
Code	Color
4	Red

d

Ronis Key Lock*‡§	
Code	Key No.
Blank	3825 (Standard)
R	455
01R	3801
02R	3802
03R	3803
04R	3804
05R	3805
06R	3806
27R	4001
28R	4002
29R	4003
30R	4004
31R	4005
32R	4006
33R	4007

* All emergency stop operators are EN ISO 13850 compliant with standard NC, NCLB, or self-monitoring contact blocks.

♣ E-Stop operators, latch, and contact block combinations have been third-party tested for B10d values. B10d values can be found in publication SAFETY-SR001_-EN-E.

‡ Keyed operators are IP66, Type 4/13.

‡ Not intended for high security applications. Interoperability is possible with certain key/cylinder lock combinations. Consult your local Rockwell Automation sales office or Allen-Bradley distributor for interoperability information.

§ For replacement Ronis keys, see Accessories, page 10-111.

3-Position Push-Pull Operators, Illuminated & Non-Illuminated — Mushroom♣



Illuminated 3-Position Push-Pull
Cat. No. 800FM-LMP44E3

Target Table and Operator Position*			
Contact Type +			
	Out	Center	In
N.O.	O	O	X
N.C.E.B.	X	O	O
N.C.L.B.	X	X	O

Note: X = Closed/O = Open

+ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

Operator Function	Operator Type	Color	Pkg. Quantity	Cat. No.
Momentary Out, Maintained Center, Momentary In	Non-Illuminated	Black§	1	800FM-MM42E3
		Green		800FM-MM43E3
		Red➤		800FM-MM44E3
	Illuminated※	Amber‡		800FM-LMM40E3
		Green		800FM-LMM43E3
		Red		800FM-LMM44E3
		Blue‡		800FM-LMM46E3
		Clear‡		800FM-LMM47E3
		Momentary Out, Maintained Center, Maintained In		Non-Illuminated
Green	800FM-MP43E3			
Red➤	800FM-MP44E3			
Illuminated※	Amber‡		800FM-LMP40E3	
	Green		800FM-LMP43E3	
	Red		800FM-LMP44E3	
	Blue‡		800FM-LMP46E3	
Clear‡	800FM-LMP47E3			

800F $\frac{M}{a} - \frac{L}{b}$ $\frac{MM}{c}$ $\frac{4}{d}$ $\frac{4}{e}$ $\frac{E3}{f}$

Operator Construction	
Code	Description
M	Round metal operator (IP66, Type 4/13)

Operator Type	
Code	Description
Blank	Non-illuminated
L	Illuminated*

Operator Function	
Code	Description
MM	Momentary out, Maintained center, Momentary in
MP	Momentary out, Maintained center, Maintained in

Cap Size	
Code	Description
4	40 mm plastic

Cap Color	
Code	Description
0	Amber
2	Black
3	Green
4	Red
6	Blue
7	Clear

Positions	
Code	Description
E3	3-position

♣ Sold as stand-alone operator only. Not available as a composite catalog number.

* Must use N.O., N.C.E.B., or N.C.L.B. contact blocks only. Cannot use N.C. or N.O.E.M. contact blocks with 3-position push-pull operators.

* LED module required for illumination. Cannot use incandescent module.

‡ Available in illuminated only.

⌘ Use of white LED is recommended.

§ Available in non-illuminated only.

➤ Replacement caps are available for this device. Order Cat. No. 800F-AMP4.

Momentary Push Button Operators, Non-Illuminated — Mushroom*



40 mm Mushroom
Cat. No. 800FM-MM42



60 mm Mushroom
Cat. No. 800FP-MM63



90 mm Mushroom
Cat. No. 800FP-MM94

Color	Pkg. Quantity	40 mm Mushroom		60 mm Mushroom	
		Plastic	Metal	Plastic	Metal
		Cat. No.	Cat. No.	Cat. No.	Cat. No.
Black	1	800FP-MM42	800FM-MM42	800FP-MM62	800FM-MM62
Green		800FP-MM43	800FM-MM43	800FP-MM63	800FM-MM63
Red		800FP-MM44	800FM-MM44	800FP-MM64	800FM-MM64
Yellow		800FP-MM45	800FM-MM45	800FP-MM65	800FM-MM65
Blue		800FP-MM46	800FM-MM46	800FP-MM66	800FM-MM66

800F P – MM4 3
 a b c

a

Operator Construction	
Code	Description
P	Round plastic operator (IP65, Type 4/4X/13)
M	Round metal operator (IP65, Type 4/13)

b

Size and Operator Type	
Code	Type
MM4	40 mm momentary
MM6	60 mm momentary
MM9	90 mm momentary*

c

Color Cap	
Code	Color
2	Black
3	Green
4	Red
5	Yellow
6	Blue

* Momentary mushroom operators are IP65 rated.
* Only available with black, red, and yellow cap colors.

Momentary Push Button Operators, Illuminated — Mushroom*



40 mm Mushroom
 Cat. No. 800FP-LMM43

Color	Pkg. Quantity	40 mm Mushroom	
		Plastic	Metal
		Cat. No.	Cat. No.
Green	1	800FP-LMM43	800FM-LMM43
Red		800FP-LMM44	800FM-LMM44
Yellow		800FP-LMM45	800FM-LMM45
Blue		800FP-LMM46	800FM-LMM46
Clear		800FP-LMM47	800FM-LMM47

800F P – LMM4 3
 a *b* *c*

a

Operator Construction	
Code	Description
P	Round plastic operator (IP65, Type 4/4X/13)
M	Round metal operator (IP65, Type 4/13)

b

Size and Operator Type	
Code	Type
LMM4	40 mm momentary

c

Lens Cap Color	
Code	Color
3	Green
4	Red
5	Yellow*
6	Blue*
7	Clear*

* Momentary mushroom operators are IP65 rated.
 * When using LED for illumination, a white LED is recommended.

2-Function Momentary Multi-Operator, Non-Illuminated

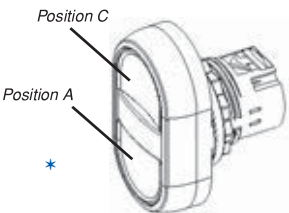


2-Function Momentary Multi-Operator Non-Illuminated
Cat. No. 800FP-U2E4F3

Position A			Position C			Pkg. Quantity	Plastic
Color	Type	Text	Color	Type	Text		Cat. No.
Red	Extended	Blank	Green	Flush	Blank	1	800FP-U2E4F3
		O			I		800FP-U2EFFE
		STOP			START		800FP-U2EBFA

800F P – U2 E 4 F 3 (with button caps)
a b c d e f

800F P – U2 X (without button caps)
a b c



a

Operator Construction	
Code	Description
P	Plastic operator (IP66, Type 4/4X)
M	Metal operator (IP66, Type 4)

b

Operator Type	
Code	Description
U2	Two-function

c

Operator Type — Position A*	
Code	Description
F	Flush
E	Extended
X	No caps (all positions)*

d

Operator Color Cap/Text — Position A†	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue
A	Green with “Start” text
B	Red with “Stop” text
C	White with “Start” text
D	Black with “Stop” text
E	Green with “I” text
F	Red with “O” text
G	White with “I” text
H	Black with “O” text

f

Operator Color Cap/Text — Position C†	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue
A	Green with “Start” text
B	Red with “Stop” text
C	White with “Start” text
D	Black with “Stop” text
E	Green with “I” text
F	Red with “O” text
G	White with “I” text
H	Black with “O” text

e

Operator Type — Position C*	
Code	Description
F	Flush
E	Extended

* Position 1 of the latch (left position when viewed from the back) corresponds to position A of the operator. Position 2 of the latch (right position when viewed from the back) corresponds to position C of the operator.
* For custom-engraved caps, order “no caps” option plus custom engraved caps on page 10-115.
† Valid color cap/legend text codes include:

Color	Text	
	Flush Caps	Extended Caps
White	START, I	—
Black	—	STOP, O
Green	START, I	—
Red	—	STOP, O

2-Function Momentary Multi-Operator, Illuminated*

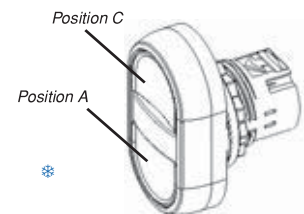


2-Function Momentary Multi-Operator Illuminated
 Cat. No. 800FP-LU2E2E1

Position A			Position B	Position C			Pkg. Quantity	Plastic
Color	Type	Text	Type	Color	Type	Text		Cat. No.
Red	Extended	Blank	White Pilot Light	Green	Flush	Blank	1	800FP-LU2E4F3
		O				I		800FP-LU2EFFE
		STOP				START		800FP-LU2EBFA

800F P – LU2 E 4 F 3 (with button caps)
 a b c d e f

800F P – LU2 X (without button caps)
 a b c



a

Operator Construction	
Code	Description
P	Plastic operator (IP66, Type 4/4X)
M	Metal operator (IP66, Type 4)

b

Operator Type*	
Code	Description
LU2	Two-function Illuminated

c

Operator Type — Position A*	
Code	Description
F	Flush
E	Extended
X	No caps (all positions)†

d

Operator Color Cap/Text — Position A§	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue
A	Green with “Start” text
B	Red with “Stop” text
C	White with “Start” text
D	Black with “Stop” text
E	Green with “I” text
F	Red with “O” text
G	White with “I” text
H	Black with “O” text

e

Operator Type — Position C*	
Code	Description
F	Flush
E	Extended

f

Operator Color Cap/Text — Position C§	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue
A	Green with “Start” text
B	Red with “Stop” text
C	White with “Start” text
D	Black with “Stop” text
E	Green with “I” text
F	Red with “O” text
G	White with “I” text
H	Black with “O” text

* LED module required for illumination, can not use incandescent module.

* Position 1 of the latch (left position when viewed from the back) corresponds to position A of the operator. Position 2 of the latch (right position when viewed from the back) corresponds to position C of the operator. Position 3 of the latch (center position) is reserved for the power module.

† For custom-engraved caps, order “no caps” option plus custom engraved caps on page 10-115.

§ Valid color cap/legend text codes include:

Color	Text	
	Flush Caps	Extended Caps
White	START, I	—
Black	—	STOP, O
Green	START, I	—
Red	—	STOP, O

22.5 mm Push Buttons

Product Selection

3-Function Momentary Multi-Operator, Non-Illuminated

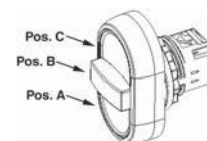


3-Function Momentary Multi-Operator Non-Illuminated
Cat. No. 800FP-U3E4F34

Position A			Position B			Position C			Pkg. Quantity	Plastic Cat. No.
Color	Type	Text	Color	Type	Text	Color	Type	Text		
Green	Flush	Blank	Red	Extended	Blank	Green	Flush	Blank	1	800FP-U3F3F34

800F P – U3 E 4 F 3 4 (with button caps)
 a b c d e f g

800F P – U3 X (without button caps)
 a b c



a

Operator Construction	
Code	Description
P	Plastic operator (IP66, Type 4/4X)
M	Metal operator (IP66, Type 4)

b

Operator Type	
Code	Description
U3	Three-function

c

Operator Type — Position A*	
Code	Description
F	Flush
E	Extended
X	No caps (all positions)*‡

d

Operator Color Cap/Text — Position A§	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue

d (cont'd)

Operator Color Cap/Text — Position A§	
Code	Description
A	Green with "Start" text
B	Red with "Stop" text
C	White with "Start" text
D	Black with "Stop" text
E	Green with "I" text
F	Red with "O" text
G	White with "I" text
H	Black with "O" text

e

Operator Type — Position C*	
Code	Description
F	Flush
E	Extended

f

Operator Color Cap/Text — Position C§	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue

f (cont'd)

Operator Color Cap/Text — Position C§	
Code	Description
A	Green with "Start" text
B	Red with "Stop" text
C	White with "Start" text
D	Black with "Stop" text
E	Green with "I" text
F	Red with "O" text
G	White with "I" text
H	Black with "O" text

g

Operator Color Cap/Text — Position B*‡	
Code	Description
4	Red
B	Red with "Stop" text
F	Red with "O" text

* Position 1 of the latch (left position when viewed from the back) corresponds to position A of the operator. Position 2 of the latch (right position when viewed from the back) corresponds to position C of the operator. Position 3 of the latch (center position) corresponds to position B of the operator.

‡ For custom-engraved caps, order "no caps" option plus custom engraved caps on page 10-115.

‡ For "no caps" option, (position B) center cap available as red, no text only.

§ Valid color cap/legend text codes include:

Color	Text	
	Flush Caps	Extended Caps
White	START, I	—
Black	—	STOP, O
Green	START, I	—
Red	—	STOP, O

Reset Operators — Mechanical and/or Electrical Reset



Reset Operator
 Cat. No. 800FP-R611

Button Color	Legend Text	Pkg. Quantity	Flush — Round	
			Plastic	Metal
			Cat. No.	Cat. No.
Blue	R	1	800FP-R611	800FM-R611
	No Legend		800FP-R6	800FM-R6

800F M — R 6 11
 a *b* *c* *d*

a

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Code	Type
R	Reset*§

c

Color Cap	
Code	Color
1	White
2	Black
6	Blue

* Will accept latch and up to four single circuit contact blocks or two dual circuit contact blocks; no contacts allowed in center position.
 § 11 mm reset stroke length.

d

Legend Text	
Code	Text
Blank	No text
11	R

Threaded Reset Rod Reset Operators



Threaded Reset Rod with 35 mm Pusher
 Cat. No. 800F-ATR19L

Rod Length [mm]‡	Rod Length Adjustability [mm]	Pkg. Quantity	Threaded Reset Rod	
			10 mm Pusher	35 mm Pusher
			Cat. No.	Cat. No.
40	34...52	1	800F-ATR01	800F-ATR01L
55	50...67		800F-ATR02	800F-ATR02L
85	80...98		800F-ATR04	800F-ATR04L
115	110...128		800F-ATR06	800F-ATR06L
145	141...159		800F-ATR08	800F-ATR08L
315	34...326		§ 800F-ATR19	§ 800F-ATR19L

‡ If contact blocks are used, they must have a minimum rod length of 55 mm for one level of contact blocks and 85 mm for two levels of contact blocks.
 § Rod is threaded along its entire length for ease of cutting to desired length.

Single Turn Potentiometer Assembly*†§



Series B



Series A

Resistive Element	Series B Cat. No.	Series A Cat. No.♣
None (Operator Only)*	800FP-POT	800FP-POTA
150 Ω	800FP-POT1	800FP-POT1A
500 Ω	800FP-POT2	800FP-POT2A
1000 Ω	800FP-POT3	800FP-POT3A
2500 Ω	800FP-POT4	800FP-POT4A
5000 Ω	800FP-POT5	800FP-POT5A
10000 Ω	800FP-POT6	800FP-POT6A

* The Cat. No. 800FP-POT is a complete operator assembly supplied without the resistive element, used with potentiometers having a shaft diameter of 6.0 mm (0.23 in.) and a shaft length of 50.0 mm (1.97 in.), or a shaft diameter of 6.4 mm (0.25 in.) and a shaft length of 22.5 mm (0.88 in.). This operator is used with Type "J" potentiometers only.

♣ Rated 300V AC/DC, 2 W max.

† A latch is not needed.

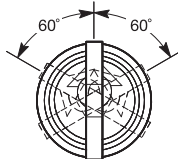
§ Additional hole spacing required for potentiometers. See page 10-125 for panel hole spacing requirements.

♣ Not stocked. Longer lead-time.

Key Operated Selector Switch - SensEject™
Patented Spring-Loaded Key Ejection System



2-Position
Switching Angle



3-Position
Switching Angle

Operator Construction	Operator Type	Key Eject Position	Key Option§	Spare Keys	Contact Blocks	Cat. No.➤
Round Metal Operator — SensEject is IP6X (dust-tight) Type 1	2-Position Maintained	 Left with Key Eject	Zadi Key 06Z	800F-AKE006	None	800FM-KEM2106Z
					1 N.O.; 1 N.C.	800FM-KEM2106ZMX11
	3-Position Spring Return from Both	 Center with Key Eject	Zadi Key 01Z	800F-AKE001	None	800FM-KEB3401Z
					2 N.O.; 3 N.C.	800FM-KEB3401ZMX23

§ Not intended for high security applications. Interoperability is possible with certain key/cylinder lock combinations. Consult your local Rockwell Automation sales office or Allen-Bradley distributor for interoperability information.

➤ Includes latch and spacer block.

Selector Push Button Operators*



Selector Jog Operator
 Cat. No. 800FM-SJ23

Target Table and Operator Position (2-Position)

Contact Type*	Position on Mounting Latch				
		Selector Left Free	Selector Left Depressed	Selector Right Free	Selector Right Depressed
N.O.	Left	O	X	O	O
N.O.	Right	O	O	O	X
N.O.	Center	O	X	O	X
N.C.	Left	X	O	X	X
N.C.	Right	X	X	X	O
N.C.	Center	X	O	X	O

Note: X = Closed/O = Open

Target Table and Operator Position (3-Position)

Contact Type*	Position on Mounting Latch						
		Selector Left Free	Selector Left Depressed	Selector Center Free	Selector Center Depressed	Selector Right Free	Selector Right Depressed
N.O.	Left	O	X	O	X	O	O
N.O.	Right	O	O	O	X	O	X
N.O.	Center	O	X	O	X	O	X
N.C.	Left	X	O	X	O	X	X
N.C.	Right	X	X	X	O	X	O
N.C.	Center	X	O	X	O	X	O

Note: X = Closed/O = Open

* Contact selection is limited to the following options; consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

800F P - SJ 2 2
 a b c d

a

Operator Construction	
Code	Description
P	Round plastic operator (IP66, Type 4/4X/13)
M	Round metal operator (IP66, Type 4/13)

b

Operator Type	
Code	Description
SJ	Selector jog

c

Operator Function	
Code	Description
2	2-position
3	3-position

d

Color Cap	
Code	Description
2	Black
3	Green

* Buttons cannot be engraved.

Toggle Switch Operators*



Toggle Switch Operator
Cat. No. 800FM-JM2

Target Table and Operator Position (2-Position)

Contact Type§	Position on Mounting Latch	Toggle Left	Center	Toggle Right
N.O.	Left	O	O	X
N.O.	Right	X	O	O
N.O.	Center	X	O	X
N.C.	Left	X	X	O
N.C.	Right	O	X	X
N.C.	Center	O	X	O

Note: X = Closed/O = Open

Target Table and Operator Position (4-Position)‡

Contact Type§	Position on Mounting Latch	Toggle Up	Toggle Left	Center	Toggle Right	Toggle Down
N.O.	Left	X	O	O	O	O
N.O.	Right	O	X	O	O	O
N.O.	Center	X	X	O	O	O
N.C.L.B.	Left	O	X	X	X	X
N.C.L.B.	Right	X	O	X	X	X
N.C.L.B.	Center	O	O	X	X	X
N.C.E.B.	Left	O	O	O	O	X
N.C.E.B.	Right	O	O	O	X	O

Note: X = Closed/O = Open

§ Contact selection is limited to the following options, consult your local Rockwell Automation sales office or Allen-Bradley distributor for other options.

800F M - J M2
a b c

Operator Construction

Code	Description
M	Round metal operator (IP66, Type 4/13)

Operator Type

Code	Description
J	Toggle switch

Operator Function

Code	Description
M2	2-position, maintained
R2	2-position, momentary
M4	4-position, maintained
R4	4-position, momentary

* Use legend plates 800F-34_ and 800F-35_.
* Silicone boot comes standard with toggle switch, please see page 10-108 for replacement boots.
‡ Must use N.O., N.C.E.B., or N.C.L.B. contact blocks only. Cannot use N.C. or N.O.E.M. contact blocks with 4-position toggle switch.

Back-of-Panel Components

Contact Blocks with Latch — Composite

800F – P X 0 1 E
 a *b* *c* *d* *e*



a

Style	
Code	Description
P	Plastic latch
M	Metal latch

c

N.O. (Normally Open) Circuits	
Code	Description
0	No contact
1	1 N.O.
2	2 N.O.
3	3 N.O.
4	4 N.O.
5	5 N.O.
6	6 N.O.

d

N.C. (Normally Closed) Circuits	
Code	Description
0	No contact
1	1 N.C.
2	2 N.C.
3	3 N.C.
4	4 N.C.
5	5 N.C.
6	6 N.C.

b

Contact Block(s) Termination Style*	
Code	Description
X	Screw termination
Q	Spring-clamp termination

e

Specialty Contact Block(s)	
Code	Description
Blank	Standard blocks
V	Low voltage — QuadCONNECT™
E	N.O. early make
L	N.C. late break
B	N.C. early break
S	N.C. self-monitoring

* Six circuits maximum allowable.

Power Modules with Latch — Composite

800F – M N 3 G
 a *b* *c* *d*



a

Style	
Code	Description
P	Plastic latch
M	Metal latch

c

Voltage	
Code	Description
0	No bulb♣
1	6V AC/DC♣
2	12V AC/DC♣
3	24V AC/DC
4	48V AC/DC♣
5	120V AC
7	240V AC➤

d

Lamp Color⌘	
Code	Description
C	Incandescent
R	Red LED
G	Green LED
Y	Amber LED
W	White LED
B	Blue LED

b

Power Module Type‡§	
Code	Description
D	Incandescent module, screw termination
N	Integrated LED module, screw termination
Q	Integrated LED module, spring-clamp termination

‡ LED modules for use with all illuminated operators. Incandescent module for use with pilot lights, momentary push buttons, and momentary mushroom operators only.

§ Four circuits maximum allowable when power module is used. Contact blocks cannot be stacked on power module.

♣ Only available for incandescent module.

➤ Only available for integrated LED module.

⌘ For best illumination results, LED color should match lens color. For yellow operator, select a white LED.

22.5 mm Push Buttons

Product Selection

Back-of-Panel Components, Continued

Power Modules with Contact Blocks and Latch — Composite

800F – P N 5 R X 1 0 E
a b c d e f g h

a

Style	
Code	Description
P	Plastic latch
M	Metal latch

b

Power Module Type*⊛	
Code	Description
D	Incandescent module, screw termination
N	Integrated LED module, screw termination
Q	Integrated LED module, spring-clamp termination

c

Voltage	
Code	Description
0	No bulb‡
1	6V AC/DC‡
2	12V AC/DC‡
3	24V AC/DC
4	48V AC/DC‡
5	120V AC
7	240V AC§

d

Lamp Color♣	
Code	Description
C	Incandescent
R	Red LED
G	Green LED
Y	Amber LED
W	White LED
B	Blue LED

e

Contact Block(s) Termination Style	
Code	Description
X	Screw termination
Q	Spring-clamp termination

f

N.O. (Normally Open) Circuits	
Code	Description
0	No contact
1	1 N.O.
2	2 N.O.
3	3 N.O.
4	4 N.O.

g

N.C. (Normally Closed) Circuits	
Code	Description
0	No contact
1	1 N.C.
2	2 N.C.
3	3 N.C.
4	4 N.C.

h

Specialty Contact Block(s)	
Code	Description
Blank	Standard blocks
V	Low voltage — QuadCONNECT™
E	N.O. early make
L	N.C. late break
B	N.C. early break
S	N.C. self-monitoring

* Four circuits maximum allowable when power module is used. Contact blocks cannot be stacked on power module.

⊛ LED modules for use with all illuminated operators. Incandescent module for use with pilot lights, push buttons, and momentary mushroom operators only.

‡ Only available for incandescent module.

§ Only available for integrated LED module.

♣ For best illuminated results, LED should match lens color. For yellow operator, select a white LED.

Back-of-Panel Components, Continued

Other

	Description	Pkg. Quantity	Cat. No.	
 Cat. No. 800F-ALM	Metal Mounting Latch These are zinc-plated, metal die cast mounting latches. Note: Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.	10	800F-ALM	
	Note: Sold only in multiples of 100. Order (quantity of) 100 to receive one package of 100 pieces.	100	800F-ALM-BP	
 Cat. No. 800F-ALP	Plastic Mounting Latch Note: Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.	10	800F-ALP	
	Note: Sold only in multiples of 100. Order (quantity of) 100 to receive one package of 100 pieces.	100	800F-ALP-BP	
	Description	Contact Type	Pkg. Quantity	Cat. No.
 Cat. No. 800F-X10	Contact Block Note: Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces. Latch not included.	N.O.	10	800F-X10
		N.C.		800F-X01
		N.O. low voltage — QuadCONNECT™		800F-X10V
		N.C. low voltage — QuadCONNECT™		800F-X01V
		N.O.L.M.		 800F-X10N
		N.O.E.M.		800F-X10E
		N.O.E.E.M.		 800F-X10M
		N.C.L.B.		800F-X01L
		N.C.E.B.		 800F-X01B
		Self-Monitoring		 800F-X01S
		Dual circuit of 2 N.O.		 800F-X20D
		Dual circuit of 2 N.C.		 800F-X02D
		Dual circuit of 1 N.O.-1 N.C.		 800F-X11D
		N.O. with stab terminals		800F-X10T
		N.C. with stab terminals		800F-X01T
		N.O. spring-clamp		800F-Q10
		N.C. spring-clamp		800F-Q01
		N.O. spring-clamp low-voltage — QuadConnect™		800F-Q10V
		N.C. spring-clamp low-voltage — QuadConnect™		800F-Q01V
		N.O.E.M. spring-clamp		800F-Q10E
		N.C.L.B. spring clamp		800F-Q01L
		N.C.E.B. spring-clamp		 800F-Q01B
		Ring lug N.O.		 800F-R10
		Ring lug N.C.		 800F-R01
	Note: Sold only in multiples of 100. Order (quantity of) 100 to receive one package of 100 pieces. Latch not included.	N.O.	100	800F-X10-BP
		N.C.		800F-X01-BP

✚ For use with Cat. No. 800FP-CB_ and Cat. No. 800FP-CC_ operators.

➤ For use with Cat. No. 800FP-CC_ operators.

* Only for use with 4-position selector switch, 4-position toggle switch, or 3-position push-pull operator.

✳ Cannot stack.

‡ Cannot be used in a composite catalog number.

§ Replacement screws are available (Cat. No. 800F-ARS1)

22.5 mm Push Buttons

Product Selection

Back of Panel Components, Continued

Other

	Description	Volts	Pkg. Quantity	Cat. No.
 Cat. No. 800F-D3C	Incandescent Module For use with pilot lights, push buttons, and momentary mushroom operators. Note: Sold in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces. Latch not included.	No bulb	10	800F-D0C
		6V AC/DC		800F-D1C
		12V AC/DC		800F-D2C
		24V AC/DC		800F-D3C
		48V AC/DC		800F-D4C
		120V AC/DC		800F-D5C
 Cat. No. 800F-N3G	Integrated LED Module For use with all illuminated devices. For best results, LED should match lens color. For amber operators, use yellow LED. Note: Sold in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces. Latch not included.	24...120V AC/DC	10	* 800F-NUx
		24V AC/DC		* 800F-N3x
		120V AC		* 800F-N5x
		240V AC		* 800F-N7x
		24V AC/DC spring-clamp		* 800F-Q3x
		120V AC spring-clamp		* 800F-Q5x
		240V AC spring-clamp		* 800F-Q7x
		24V AC/DC ring lug		*† 800F-R3x
	Description	Contact Material	Pkg. Quantity	Cat. No.
 Cat. No. 800F-BX01	Base Mounted Contact Block Base mounted contact blocks can be used in plastic or metal enclosures. Note: Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces. Latch not included.	N.O.	10	800F-BX10
		N.C.		800F-BX01
		N.O. low voltage — QuadConnect™		800F-BX10V
		N.C. low voltage — QuadConnect™		800F-BX01V
		N.O.E.M.		800F-BX10E
		N.C.L.B.		800F-BX01L
		N.O. spring-clamp		800F-BQ10
		N.C. spring-clamp		800F-BQ01
	Description	Volts	Pkg. Quantity	Cat. No.
 Cat. No. 800F-BN3R	Base Mounted Integrated LED Module Base mounted modules can be used in plastic or metal enclosures. For best illumination results, LED should match lens color. Note: Sold in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces. Latch not included.	24V AC/DC	10	* 800F-BN3x
		120V AC		* 800F-BN5x
		240V AC		* 800F-BN7x

* To complete the cat. no., replace the x with one of the following letters for the desired color: **Y** = Amber, **R** = Red, **G** = Green, **B** = Blue, **W** = White.

* Cannot be used in a composite catalog number.

† Replacement screws are available (Cat. No. 800F-ARS1)

Plastic and Metal Enclosures



Plastic Enclosure
 Cat. No. 800F-3PM



Metal Enclosure
 Cat. No. 800F-5MM

Plastic Enclosures (Latch or Base Mounting)

- Accepts two-piece snap-in legends
- One-hole enclosure accepts 60 mm emergency stop legends
- UL Listed, CSA Certified

Metal Enclosures (Latch or Base Mounting)

- Feed-through design
- Accepts two-piece snap-in legends
- Includes base mount adapter

Type	Pkg. Quantity	Enclosures							
		Plastic (IP66, 4/4X)				Metal — Die Cast (IP66, 4/13)※			
		PG Conduit Knockouts		Metric Conduit Knockouts		PG Conduit Openings		Metric Conduit Openings	
		Cat. No.		Cat. No.		Cat. No.		Cat. No.	
1-hole	1	*‡	800F-1PP	*‡	800F-1PM	♣	800F-1MP	♣	800F-1MM
2-hole		*‡	800F-2PP	*‡	800F-2PM	♣	800F-2MP	♣	800F-2MM
3-hole		*‡	800F-3PP	*‡	800F-3PM	♣	800F-3MP	♣	800F-3MM
4-hole		*‡	800F-4PP	*‡	800F-4PM	—		—	
5-hole		—		—		➤	800F-5MP	➤	800F-5MM
6-hole		*§	800F-6PP	*§	800F-6PM	—		—	
1-hole (yellow)		*	800F-1YP	*	800F-1YM	♣	800F-1MYP	♣	800F-1MYM
1-hole (yellow) latch only		—		—		♣	800F-1LYP	♣	800F-1LYM
1-hole (yellow) dual circuit		※	800F-1YPD	※	800F-1YMD	—		—	

* Can only use single deep contact block.

⊗ Can stack contact blocks two deep or one dual circuit contact block.

‡ Knockouts: PG (PG11/16), Metric (M16/20)

§ Knockouts: PG (PG16), Metric (M25)

♣ Openings: PG (PG16), Metric (M20)

➤ Openings: PG (PG16), Metric (M32)

Assembled Stations

Enclosure Material	Operator Type	Illumination Voltage	Contact Configuration	Cat. No.	
				PG Knockouts	Metric Knockouts
1-Hole, Yellow Plastic	Red 90 mm momentary	Non-illuminated	1 N.C.	800F-1YP1M94	800F-1YM1M94
			1 N.O./1 N.C.	800F-1YP2M94	800F-1YM2M94
			2 N.C.	800F-1YP3M94	800F-1YM3M94
1-Hole, Grey Plastic	Black 90 mm momentary		1 N.O./1 N.C.	800F-1PP2M92	800F-1PM2M92
	Black Push Button		1 N.O.	800F-1PP1	800F-1PM1
	"0-1" 2-Position Selector Switch		1 N.O.	800F-1PP2	800F-1PM2
	"OFF-ON" 2-Position Selector Switch		1 N.O. / 1 N.C.	800F-1PP3	800F-1PM3
	↔ (Flush Black)		1 N.O.	800F-1PP4	—
2-Hole, Grey Plastic	Start and Stop Push Buttons		1 N.O./1 N.C.	800F-2PP1	—
3-Hole, Grey Plastic	↑ (Flush Black) O (Extended Red) ↓ (Flush Black)		4 N.O./1 N.C.	800F-3PP1	—

1-Hole Enclosure E-Stop Station



Cat. No. 800F-1YP4

Enclosure Material	Quick Connect		Operator Type	Illumination Voltage	Contact Configuration	Cat. No.		
						PG Knockouts	Metric Knockouts	
Yellow Plastic	N/A		Twist-to-Release 40 mm	Non-Illuminated	1 N.C.	800F-1YP1	800F-1YM1	
					1 N.O. / 1 N.C.	800F-1YP2	800F-1YM2	
					2 N.C.	800F-1YP3	800F-1YM3	
			Key Release 40 mm		1 N.C.	800F-1YP4	800F-1YM4	
					1 N.O. / 1 N.C.	800F-1YP5	800F-1YM5	
					2 N.C.	800F-1YP6	800F-1YM6	
			Twist-to-Release 60 mm		2 N.C.	800F-1YP7	—	
					1 N.O. / 2 N.C.	800F-1YP8	—	
			Twist-to-Release 40 mm	24V AC/DC	1 N.C.	—	800F-1YML1	
				120V AC		—	800F-1YML2	
				240V AC		—	800F-1YML3	
			Red half dome	Non-illuminated	1 N.C.	800F-1YP1HD	800F-1YM1HD	
					1 N.O./1 N.C.	800F-1YP2HD	800F-1YM2HD	
					2 N.C.	800F-1YP3HD	800F-1YM3HD	
				24V AC/DC	1 N.C.	—	800F-1YML1HD	
						120V AC	—	800F-1YML2HD
						240V AC	—	800F-1YML3HD
	AC Micro★	5-pin	Non-Illuminated	2 N.C. — Low voltage	—	800F-1YMQ53V		
		6-pin		1 N.O. / 2 N.C.	—	800F-1YMQA		
	DC Micro★	4-pin	Non-Illuminated/EMO/Guard	1 N.C.	—	800F-NX1		
				1 N.C.	—	800F-1YMQ1		
			Non-Illuminated	1 N.O. / 1 N.C.	—	800F-1YMQ2		
		Non-Illuminated/EMO/Guard		2 N.C.	—	800F-1YMQ3		
			—		800F-1YMQ3VEG			
		5-pin	Non-Illuminated	—	800F-1YMQ3V			
	Mini Receptacle ★		4-pin	Non-Illuminated	1 N.C.	—	800F-1YMQ41	
		24V AC/DC		1 N.O. / 1 N.C.	—	800F-1YMQ44		
		24V AC/DC		1 N.O./1 N.C.	—	800F-1YMQ4		
		6-pin	120V AC	1 N.O. / 1 N.C.	—	800F-1YMQ5		
			240V AC	1 N.O. / 1 N.C.	—	800F-1YMQ6		
Grey Metal	N/A		Twist-to-Release 40 mm	Non-Illuminated	1 N.C.	—	800F-1MM1	
			Twist-to-Release 40 mm	Non-Illuminated	1 N.O. / 1 N.C.	—	800F-1MM2	
			Twist-to-Release 40 mm	Non-Illuminated	2 N.C.	—	800F-1MM3	
			Key Release 40 mm	Non-Illuminated	1 N.C.	—	800F-1MM4	
			Key Release 40 mm	Non-Illuminated	1 N.O. / 1 N.C.	—	800F-1MM5	
			Key Release 40 mm	Non-Illuminated	2 N.C.	—	800F-1MM6	
	Mini Receptacle ★	6-pin	Twist-to-Release 40 mm	24V AC/DC	1 N.O./1 N.C.	—	800F-1MYMQ4	
			Twist-to-Release 40 mm	120V AC	1 N.O./1 N.C.	—	800F-1MYMQ5	
			Twist-to-Release 40 mm	240V AC	1 N.O./1 N.C.	—	800F-1MYMQ6	

* Please reference Assembled Station Pin Out Chart on page 10-126

Assembled Stations with DeviceNet

2-Hole

800F –

a *b* *c* *d* *c* *d* *e*

3-Hole

800F –

a *b* *c* *d* *c* *d* *c* *d* *e*

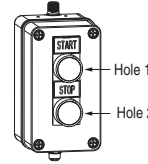
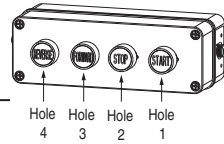
(Hole 1 c+d) (Hole 2 c+d) (Hole 3 c+d)

4-Hole

800F –

a *b* *c* *d* *c* *d* *c* *d* *c* *d* *e*

(Hole 1 c+d) (Hole 2 c+d) (Hole 3 c+d) (Hole 4 c+d)



4-Hole Assembled Station
Cat. No. 800F-VHA3A4J3J4J

<i>a</i> Mounting Orientation	
Code	Description
V	Vertical*
H	Horizontal

<i>b</i> Enclosure Style/Legends	
Code	Description
A	2-hole/legend frames
B	3-hole/legend frames
C	4-hole/legend frames
D	2-hole/no legend frames
E	3-hole/no legend frames
F	4-hole/no legend frames
H	2-hole/E-stop only no legend frames*

<i>c</i> Operator Types	
Code	Description
A	Non-illuminated flush button
B	Non-illuminated extended button
C	Non-illuminated guarded button
D	Illuminated flush button†
E	Illuminated extended button†
F	Illuminated guarded button†
G	Non-illuminated 2-pos. selector switch
H	Non-illuminated 3-pos. selector switch
J	Pilot light (diffused)
K	Hole plug‡
L	Non-illuminated TTR E-stop‡
M	Non-illuminated push pull‡
N	2-pos. key selector switch
P	3-pos. key selector switch
R	Non-illuminated 40 mm mushroom
T	E-stop key release‡
U	Potentiometer§
W	Illuminated push pull
X	Illuminated 2-pos. maintained selector switch
Y	Illuminated 3-pos. maintained selector switch
Z	Illuminated 40 mm mushroom

<i>d</i> Color/Text	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue
7	Clear
8	Grey*
9	No cap
0	Amber
A	Green with "Start" text
B	Red with "Stop" text
C	Black with "→" symbol
D	Black with "←" symbol
E	Black with "↑" symbol
F	Black with "↓" symbol
G	Green with "I" symbol
H	Red with "O" symbol
L	Blue with "R" text
M	Red with yellow metal guard*
N	Yellow with yellow metal guard*

<i>e</i> I/O Version➤	
Code	Description
Blank	No external I/O
A	1 input/1 output (sinking)
B	1 input/1 output (sourcing)
C	2 input
D	2 output (sinking)
E	2 output (sourcing)
F	1 E-stop block‡§
G	2 E-stop block‡§
H	2 input/2 output
J	2 input/2 output (sinking)
K	2 input/2 output (sourcing)
L	1 input/1 output (sinking) + 1 E-stop block‡§
M	1 input/1 output (sourcing) + 1 E-stop block‡§
N	1 input/1 output (sinking) + 2 E-stop block‡§
P	1 input/1 output (sourcing) + 2 E-stop block‡§
Q	2 input + 1 E-stop block‡§
R	2 input + 2 E-stop block‡§
T	2 output (sinking) + 1 E-stop block‡§
U	2 output (sourcing) + 1 E-stop block‡§
V	2 output (sinking) + 2 E-stop block‡§
W	2 output (sourcing) + 2 E-stop block‡§
X	2 input + 1 input/1 output (sinking)
Y	2 input + 1 input/1 output (sourcing)

* Selector Switches in a vertical mount enclosure are mounted with a horizontal orientation.

* Enclosure Style/Legend option H from Table b can only select one operator from Table c. Valid options are L, M and T. Also see footnote ‡

‡ Operator Types L, M, and T from Table c may be used as emergency stops. To be valid as an E-Stop, operators must use color/text option 4 from Table d and it must be placed in the last hole position in the enclosure, where a yellow round E-stop legend plate is provided. An E-Stop connector also must be chosen from Table e. Also see footnote §

§ Potentiometer allowed in first hole position only.

* Available in flush only.

➤ This is an 8-in/4-out device. 2-in and 1-out are assigned to each hole position in the enclosure. If a 2-hole enclosure is selected, 4-in and 2-out are assigned internally and up to 4 unassigned I/O points can be assigned to external connectors. This device contains up to two physical external I/O connectors. The "+" symbol in the Description field of table e indicates that two external connectors exist. If an E-Stop connector is used, 2 unassigned I/O points can be assigned to the other connector.

‡ External I/O Versions F, L, M, Q, T, and U receive only one contact block for the external E-Stop string. These connectors are rated 3 A. If more than 3 A of current is needed or if there are two E-Stop strings, use External I/O Versions G, N, P, R, V and W. These versions receive two contact blocks. This allows for 6 A of switching or for two E-Stop strings.

† Cannot be ordered with "No Cap" (9 from Table d - Color/Text).

‡ Operator Types K, L, M, T, and U from Table c are not available with legend frames.

* Only available with non-illuminated push-pull operator (M from Table c).

Bulletin 800F

22.5 mm Push Buttons

Product Selection

Pendant Stations (Latch Mounting)*

- Blank legend cap marking
- Connector not included. See Accessories, page 10-107, for ordering information.



Pendant Station
Cat. No. 800F-P25

Type	Pkg. Quantity	Pendants
		Yellow Plastic (IP66, 4/4X/13)
1 hole in face	1	Cat. No.
2 holes in face		800F-P15
1 hole in bottom		800F-P25
1 hole in face / 1 hole in bottom		800F-P35
		800F-P45

Assembled Two-Hole Pendant Stations*

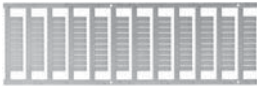


Pendant Station
Cat. No. 800F-PN2

Pre-Wired Pendant Station with Mini Quick Disconnect Connector	
Push Button and Contact Selection	Cat. No.
Green flush (no text) in face with 1 N.O. contact; Red pilot light in bottom with 1 N.O. contact; 24V AC/DC	800F-PN2
White flush (with up arrow — ↑) with 1 N.O./1 N.C. contact; Black flush (with down arrow — ↓) with 1 N.O./1 N.C. contact	800F-P251
Black flush (with "Forward" text) with 1 N.O./1 N.C. contact; Black flush (with "Reverse" text) with 1 N.O./1 N.C. contact	800F-P252
Black flush (with "On" text) with 1 N.O. contact; Black flush (with "Off" text) with 1 N.C. contact	800F-P253
Green flush (with "Start" text) with 1 N.O. contact; Red flush (with "Stop" text) with 1 N.C. contact	800F-P254
2 flush black push buttons (no text), each with 1 N.O. contact	800F-P255
DeviceNet Pendant Station with Mini Quick Disconnect Connector	
Options	Cat. No.
Green flush push button in face, red pilot light in bottom; 24V DC	800F-PND2

* Can only use single deep contact block.

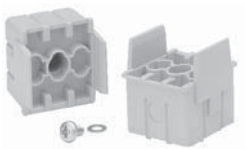
Miscellaneous

	Description	Type	Pkg. Quantity	Cat. No.
 Cat. No. 800F-AHA1	30.5 mm to 22.5 mm Hole Size Adapter This adapter allows a 22.5 mm push button operator to be installed in a panel with existing 30.5 mm mounting holes. Note: Comes with anti-rotation washer (800F-ALC1).	Metal	1	800F-AHA1
 Cat. No. 888N-M4AF1-1F	Quick Disconnect Male receptacle for pendant stations.	4-pin		888N-M4AF1-1F
		5-pin		888N-M5AF1-1F
	Description	Material	Pkg. Quantity	Cat. No.
 Cat. No. 800F-ARP	Replacement Mounting Rings	Plastic	10*	800F-ARP
		Metal		800F-ARM
	Description		Pkg. Quantity	Cat. No.
 Cat. No. 800F-AW2	Mounting Ring Wrench This mounting ring wrench is used to tighten plastic or metal mounting rings quickly and securely.		1	800F-AW2
 Cat. No. 800F-ALR1	Bulb Removal Tool For quick and easy removal of lamps from incandescent modules.			800F-ALR1
 Cat. No. 1492-MS5X9	Snap-In Marker This item can be used for circuit identification on all back-of-panel components.		—	*
 Cat. No. 800F-ATK2	Stab Terminals Can be used with all single circuit contact blocks. Minimum spacing requirements apply. See instruction sheet for details. Note: Sold only in multiples of 100. Order (quantity of) 100 to receive one package of 100 pieces.		100	800F-ATK2
 Cat. No. 800F-AGS1	Ground Screws These are self-tapping #6-32 (M3.5) ground screws for metal latches.		10*	800F-AGS1
 Cat. No. 800F-AGS2	Ground Screws This accessory is used for grounding on Bulletin 800F plastic enclosures only.			800F-AGS2

* See Terminal Block section for ordering information.

* Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.

Miscellaneous, Continued

	Description	Panel Thickness with Legend Plates	Pkg. Quantity	Cat. No.
 Cat. No. 800F-ALC1	Locking Washer (Anti-Rotation Washer) This item provides an extra anti-rotation feature for rotary operators such as selector switches.	1...4 mm	10‡	800F-ALC1
		1...5 mm		800F-ALC2
	Description		Pkg. Quantity	Cat. No.
 Cat. No. 800F-ATW1	Replacement Trim Washer This accessory comes standard with all enclosures. It must be used if using base-mounted contact blocks/power modules without legend plates.		10‡	800F-ATW1
 Cat. No. 800F-A3BA	Replacement Base Mount Adapter This accessory comes standard with all metal enclosures. It is required when using metal enclosures with base-mounted contact blocks or base-mounted power modules.			800F-A3BA
 Cat. No. 800F-ABZ1	Square Bezel Gives round operator a square appearance. This item is made of plastic. Not for use with toggle switch operators.			800F-ABZ1
	Description	Material	Pkg. Quantity	Cat. No.
 Cat. No. 800F-ABJS	Replacement Boot for Toggle Switch	Silicone	1	800F-ABJS
		Nitrile		800F-ABJN
 Cat. No. 800F-N2	Hole Plug used to plug 22.5 mm holes.	Black plastic		800F-N2
		Grey plastic		800F-N8
 Cat. No. 800F-ACP	Selector Switch Tabs Changes functionality of selector switch from normal to CenterLeft or CenterRight.		10‡	800F-ACP

‡ Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.

Guards

	Description	Type	Pkg. Quantity	Cat. No.
 Cat. No. 800F-AMRG	Protective Ring for use with non-illuminated 2-position maintained and illuminated/non-illuminated 3-position mushroom operators (40 mm only)	Shiny metal	1	800F-AMRG
		Black		800F-AMRGB
		Yellow Metal		800F-AMRGY
 Cat. No. 800F-A6PR5	Plastic Guard for use with the following operators: • 40 mm E-stop (SEMI Standards Compliant) • 40 mm illuminated/non-illuminated alternate action and momentary operators • 60 mm illuminated/non-illuminated momentary operators • Selector switches (standard knob and key operated) • Potentiometers	Yellow, round	1	800F-A6PR5
 Cat. No. 800F-AMEGY	Narrow Plastic Guard for use with the following operators: • Illuminated and non-illuminated momentary mushroom operators (40 mm) only • Bul. 800FD monolithic E-stops (SEMI standards compliant) • Flush/extended/guarded push buttons • Alternate action operators • Selector switches (standard knob and key operated) • Potentiometers	Yellow		800F-AMEGY
 Cat. No. 800F-AMMG	40 mm Protective Guard used with illuminated and non-illuminated momentary mushroom operators (40 mm) only.	Shiny Metal		800F-AMMG
 Protective Boots	Clear silicone Protective Boot used on illuminated and non-illuminated, flush and extended operators.	Flush push button	10*	800F-AB7
		Extended push button		800F-ABE7
		3-position multi-function		800F-AUB1
		2-position multi-function		800F-AUB2

* Sold in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.

Locking Attachments

	Description	Type	Pkg. Quantity	Cat. No.
 <i>Cat. No. 800F-AFL1</i>	Locking Attachments are used to lock push button in the depressed position. -N.C. contacts are open -N.O. contacts may or may not be open -N.C.L.B. contacts may or may not be closed -N.O.E.M contacts are closed	Flush momentary, non-illuminated	1	800F-AFL1
 <i>Cat. No. 800F-AEL1</i>		Extended momentary, non-illuminated		800F-AEL1
 <i>Cat. No. 800F-AML1</i>		Momentary mushroom		800F-AML1
 <i>Cat. No. 800F-AML2</i>		Maintained mushroom		800F-AML2
	Description	Lock Position	Pkg. Quantity	Cat. No.
 <i>Cat. No. 800F-ASL2L</i>	Selector Switch Locking Attachment Locks standard knob selector switch in specified position	2-position selector switches, left lock	1	800F-ASL2L
		3-position selector switches, center lock		800F-ASL3C
 <i>Cat. No. 800F-ASL23A</i>	Selector Switch Locking Attachment Ability to put two locks on standard knob selector switch.	2- or 3-position selector switches, all positions		800F-ASL23A
	Description	Type	Pkg. Quantity	Cat. No.
 <i>Cat. No. 800F-AL01</i>	Locking Cover Used on flush, extended and guarded momentary and alternate action operators, and standard knob selector switch operators.	—	1	800F-AL01

Other Accessories

 <i>Cat. No. 800F-AKR3825</i>	Description Replacement Ronis Key Standard replacement key is Cat. No. 800F-AKR3825.	PQ 1❄	Key No. (Std) 3825 455 3801 3802 3803 3804 3805 3806 3901❄	Cat. No. 800F-AKR3825 800F-AKR455 800F-AKR3801 800F-AKR3802 800F-AKR3803 800F-AKR3804 800F-AKR3805 800F-AKR3806 800F-AKR3901	Key No. (Std) 3910❄ 3920❄ 4001 4002 4003 4004 4005 4006 4007	Cat. No. 800F-AKR3910 800F-AKR3920 800F-AKR4001 800F-AKR4002 800F-AKR4003 800F-AKR4004 800F-AKR4005 800F-AKR4006 800F-AKR4007
	Description		Volts	PQ	Cat. No.	
 <i>Cat. No. 800F-XD7</i>	Diode Module For lamp checking circuits. Latch not included. Null Block For wire terminations only.		up to 600V AC	10⚡	800F-XD7 800F-NX70	
	Description			PQ	Cat. No.	
 <i>Cat. No. 800F-30WN</i>	Potentiometer Legend Plate Scale 1...10			10⚡	800F-30WN	
 <i>Cat. No. 800F-30WG</i>	Potentiometer Legend Plate Graphical scale				800F-30WG	
	Description		Resistance	PQ	Cat. No.	
 <i>Cat. No. 800F-AC1</i>	Replacement Resistive Elements for the 800FP Potentiometer operator.		150 Ω	1	800F-AC1	
			500 Ω		800F-AC2	
			1000 Ω		800F-AC3	
			2500 Ω		800F-AC4	
			5000 Ω		800F-AC5	
			10000 Ω		800F-AC6	

PQ = Pkg. Quantity

* Master key. See page 10-83 for details.

‡ Standard package quantity is one set with two keys.

‡ Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.

Replacement Lamps for Incandescent Module

Lamp	Type	Typical Current	Voltage	ANSI No.	Pkg. Quantity	Cat. No.
 Cat. No. 800F-N130	Full Voltage Incandescent	150 mA	6V AC/DC	755	10§	800F-N65
		80 mA	12V AC/DC	756		800F-N141
		70 mA	24V AC/DC	757		800F-N157
		50 mA	48V AC/DC	1835		800F-N48
		22 mA	130V AC/DC	949		800F-N130
						800F-N240
 Cat. No. 800F-N240	Neon	2 mA	240V AC	—		
	LED	50 mA	6V AC/DC	—		800T-N318x
		12 mA/17 mA	32V AC/DC	—		800T-N363x
		9 mA/14 mA	48V AC/DC	—		800T-N364x
		4.5 mA/6.2 mA	130V AC/DC	—		800T-N321x

§ Sold in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.

♣ To complete the cat. no., replace the x with one of the following letters for the desired color: **A** = Amber; **B** = Blue; **G** = Green; **R** = Red; **W** = White. White LEDs only available in 6V and 130V.

22.5 mm Push Buttons

Accessories

Caps, Diffusers, Lenses

Color caps listed below are for completion of devices ordered with color caps omitted.

Accessory Color Caps (without Text)

	Color Caps, Non-Illuminated*				
	Color	Pkg. Quantity	Momentary Extended	Momentary Flush/Guarded	Alternate Action Flush
			Cat. No.	Cat. No.	Cat. No.
	Orange	10	800F-AE0	800F-AF0	800F-AFA0
	White		800F-AE1	800F-AF1	800F-AFA1
	Black		800F-AE2	800F-AF2	800F-AFA2
	Green		800F-AE3	800F-AF3	800F-AFA3
	Red		800F-AE4	800F-AF4	800F-AFA4
	Yellow		800F-AE5	800F-AF5	800F-AFA5
	Blue		800F-AE6	800F-AF6	800F-AFA6
	Grey		—	800F-AF8	—

Accessory Color Caps — Multi-Function Operators (without Text)

	Color Caps, Non-Illuminated*			
	Color	Pkg. Quantity	Flush	Extended
			Cat. No.	Cat. No.
	White	10	800F-AFU1	800F-AEU1
	Black		800F-AFU2	800F-AEU2
	Green		800F-AFU3	800F-AEU3
	Red		800F-AFU4	800F-AEU4
	Yellow		800F-AFU5	800F-AEU5
	Blue		800F-AFU6	800F-AEU6

Accessory Color Lens Caps and Pilot Light Lenses (without Text)

	Color	Pkg. Quantity	Illuminated Color Lens Caps* — Flush, Alternate Action	Illuminated Color Lens Caps* — Extended, Guarded	Pilot Light Lenses* — Standard Lens
			Cat. No.	Cat. No.	Cat. No.
	Amber	10	800F-ALF0	800F-ALE0	800F-AP0
	Green		800F-ALF3	800F-ALE3	800F-AP3
	Red		800F-ALF4	800F-ALE4	800F-AP4
	Yellow		800F-ALF5	800F-ALE5	800F-AP5
	Blue		800F-ALF6	800F-ALE6	800F-AP6
	Clear		800F-ALF7	800F-ALE7	800F-AP7

* Sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.

* Includes diffuser.

Operator Diffusers (without Text)

	Diffusers		
	Description	Pkg. Quantity	Cat. No.
 Cat. No. 800F-AD3	Illuminated Push Buttons — Flush	10	800F-AD2
	Pilot Lights		800F-AD3
	Illuminated Push Buttons — Extended, Guarded		800F-AD4

Two-Color Molded Legend Caps — Non-Illuminated Push Buttons

800F – AF 3 01
 a b c



Cat. No. 800F-15YSE112

a

Button Cap Type	
Code	Description
AF	Flush
AE	Extended

b

Color Cap	
Code	Description
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue

c

Legend Text*†	
English	
Code	Description
01	START
02	STOP
05	O
06	I
08	→
09	FORWARD*
10	REVERSE*
11	R

* Available in flush only.

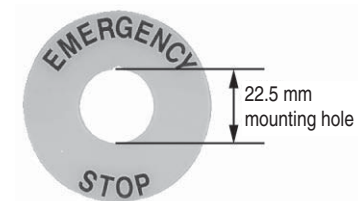
‡ White and yellow caps have black text. All other color caps have white text.

† Valid color cap text codes include:

Color	Text	
	Flush Caps	Extended Caps
White	FORWARD, REVERSE, START, I, →, R	→, R
Black	FORWARD, REVERSE, →, R	STOP, O, →, R
Green	FORWARD, REVERSE, START, I, →	→
Red	FORWARD, REVERSE, STOP, O, →	STOP, O, →
Yellow	FORWARD, REVERSE, →	→
Blue	FORWARD, REVERSE, →, R	→, R

Emergency Stop Legend Plates§

800F – 15YS
 a b



a

Size/Color (Yellow)	
Code	Description
15Y	60 mm round (30.5 mm mounting hole)
15YS	60 mm round (22.5 mm mounting hole)➤
16Y	90 mm round (22.5 mm mounting hole)➤

b

Text	
Code	Description
Blank	No text
E112	EMERGENCY STOP
F112	ARRÊT D'URGENCE‡
S112	PARADA DE EMERGENCIA
G112	NOT HALT
T112	ARRESTO EMERGENZA
N112	NÖDSTOPP, EMERGENCY STOP‡

b (cont'd)

Text	
Code	Description
W112	NÖDSTOPP, EMERGENCY STOP‡
A112	NÖDSTOP
B112	EMERGENCY STOP, ARRÊT D'URGENCE, PARADA DE EMERGENCIA‡
D112	NÖDSTOP‡
M112	NOT HALT, ARRESTO EMERGENZA, ARRÊT D'URGENCE➤
	EMERGENCY STOP, ARRÊT D'URGENCE, NOT HALT❖
L112	NEYDARSTOPP, NEYDARSTOPP‡
H112	NÖD-STOP, HÄTÄ-SEIS, NÖD-STOP‡

§ Sold only multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.

➤ Not for use with base mounted contact blocks.

‡ Not available on 15YS version.

➤ Text printed on the 15Y version only.

❖ Text printed on the 15YS & 16Y versions only.

Legend Plates

Ordering Information*§

Standard Text/Symbols

1. Select the cat. no. for the appropriate legend size and color from the Selection Tables on this page.
2. Complete the cat. no. by adding the appropriate suffix no. selected from pages 10-116...10-119. Font size is automatically determined by the number of characters, as shown in the following table. Do not add the font code to the cat. no.

Font Size	No. of Characters		
	One-Piece Legend Plate	Two-Piece Legend Plate	Special Multi-Function Legend Plate
K (small)	>14	>13	>6
S (standard)	≤14	≤13	≤6

Example: **Cat. No. 800F-11WE101** identifies a white, 30 x 40 mm snap-in legend plate and frame with AUTO engraved on it.



Custom Text (text found on pages 10-116...10-119)

1. Select the cat. no. for the appropriate legend size and color from the Selection Tables on this page.
2. Add **E100** followed by the font code (K, S, L) from the following table.

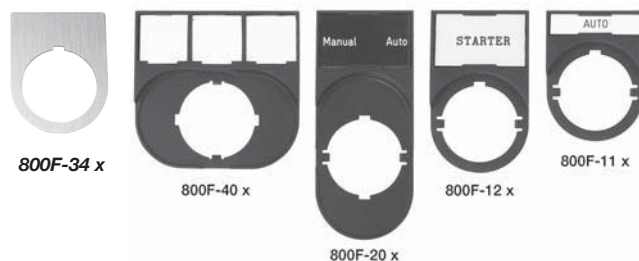
Font Size	Type of Legend Plate							
	One-Piece				Two-Piece		Special Multi-Function	
	Max. Char. per Line	Max. No. of Lines		Max. Char. per Line	Max. No. of Lines		Max. Char. per Line	Max. No. of Lines
		30 x 40 mm	30 x 50 mm		30 x 40 mm	30 x 50 mm or 30 x 60 mm		
K (small)	16	2	5	15	2	5	7	3
S (standard)	14	2	3	13	1	3	6	3
L (large)	10	1	3	9	1	3	4	2

3. Complete the cat. no. by adding custom text to the order item's memo text or notes field.

Example: **Cat. No. 800F-12WE100K**, with **STARTER** text entered into memo text on order, identifies a white, 30 x 50 mm snap-in legend plate and frame with custom text STARTER engraved in small font.



Selection Tables♣



Type	Description	Cat. No. (Blank)	Cat. No. (with Text Symbols)
30 x 40 mm 2-piece snap-in plate and frame	Red with white text	800F-11RE100	800F-11R□□□□
	White with black text	800F-11WE100	800F-11W□□□□
	Black with white text	800F-11BE100	800F-11B□□□□
	Aluminum with black text	800F-11AE100	800F-11A□□□□
30 x 50 mm 2-piece snap-in plate and frame	White with black text	800F-12WE100	800F-12W□□□□
	Black with white text	800F-12BE100	800F-12B□□□□
	Aluminum with black text	800F-12AE100	800F-12A□□□□
30 x 60 mm 2-piece snap-in plate and frame	White with black text	800F-20WE100	800F-20W□□□□
	Black with white text	800F-20BE100	800F-20B□□□□
	Aluminum with black text	800F-20AE100	800F-20A□□□□
Special multi-function 4-piece snap-in plates and frame	White with black text	800F-40WE100	—
	Black with white text	800F-40BE100	—
	Aluminum with black text	800F-40AE100	—
30 x 40 mm 1-piece	Red with white text	800F-34RE100	800F-34R□□□□
	White with black text	800F-34WE100	800F-34W□□□□
	Black with white text	800F-34BE100	800F-34B□□□□
	Aluminum with black text	800F-34AE100	800F-34A□□□□
30 x 50 mm 1-piece	Red with white text	800F-35RE100	800F-35R□□□□
	White with black text	800F-35WE100	800F-35W□□□□
	Black with white text	800F-35BE100	800F-35B□□□□
	Aluminum with black text	800F-35AE100	800F-35A□□□□
30 x 40 mm snap-in plate only	Red with white text	800F-17RE100	800F-17R□□□□
	White with black text	800F-17WE100	800F-17W□□□□
	Black with white text	800F-17BE100	800F-17B□□□□
	Aluminum with black text	800F-17AE100	800F-17A□□□□
30 x 50 mm snap-in plate only	White with black text	800F-18WE100	800F-18W□□□□
	Black with white text	800F-18BE100	800F-18B□□□□
	Aluminum with black text	800F-18AE100	800F-18A□□□□
	White with black text	800F-42WE100	800F-42W□□□□
Special multi-function snap-in plate only‡	Black with white text	800F-42BE100	800F-42B□□□□
	Aluminum with black text	800F-42AE100	800F-42A□□□□
30 x 66 mm 1-piece	Yellow with black text	800F-37YE100	800F-37Y□□□□

Legend Plate Frame — 2-Piece Snap-In*

Type	Cat. No.	Type	Cat. No.
30 x 40 mm	800F-110	30 x 60 mm	800F-200
30 x 50 mm	800F-120	Special multi-function‡	800F-400

* Blank legend frames sold only in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces. Legends with standard text/symbols or custom text are packaged in quantities of 1.

♣ Font code **K** = 0.08 in; font code **S** = 0.10 in; font code **L** = 0.14 in.

‡ Three snap-in plates are required for each legend frame.

§ For configuration assistance, see RAISE product selection software.

♣ Plate dimensions found on pages 10-122...10-123.

Custom Laser-Engraved Caps and Diffusers

Ordering Information**§

Standard Text/Symbols

1. Select the cat. no. for the appropriate product and color from the Configurator Tables on this page.
2. Complete the cat. no. by adding the appropriate suffix no. selected from pages 10-116...10-119.

Example: **Cat. No. 800F-AF3CE166** identifies a flush, green cap with custom-engraved text ON.

3. Font size is automatically determined by the number of characters. ‡ Do not add a font code to the cat. no.

Font Size	No. of Characters
12 pt.	7
16 pt.	5...6
20 pt.	1...4

Custom Text (text found on pages 10-116...10-119)

1. Select the cat. no. for the appropriate product and color from the Configurator Tables on this page.
2. Add **E100** followed by the font code (G, H, J), based on the number of custom characters.
3. Complete the cat. no. by adding custom text to the order item's memo text or notes field.

Example: **Cat. No. 800F-AF3CE100J**, with **FILL** text entered into memo text on order, identifies a flush, green push button cap with custom laser-engraved text FILL in large font.

Font Size	No. of Characters	Max. No. of Lines
G (small) (12 pt.)	7	1
H (standard) (16 pt.)	5...6	1
J (large) (20 pt.)	1...4	1

Custom Symbols/Graphics (symbols found on page 10-116)

1. Select the cat. no. for the appropriate product and color from the Configurator Tables on this page.
2. Add U100 to identify the custom symbol or graphic.
3. Please contact your local Allen-Bradley sales office to submit the graphic.

Example: **Cat. No. 800F-AD3CU100**

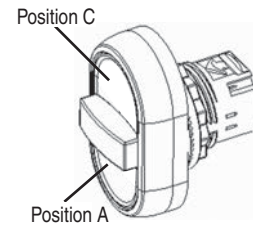
* Package quantity of one for all laser-engraved caps and diffusers.

⚙ Standard font is Arial Narrow.

‡ Seven characters maximum allowable.

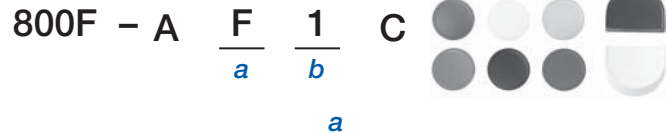
§ For configuration assistance, see RAISE product selection software.

Configurator Tables



Multi-Function Cap Positions

Push Button, Multi-Function Caps



Type	
Code	Description
E	Push button extended cap
F	Push button flush cap
FA	Alternate action cap
FAU	Multi-function flush cap (for position A)
EAU	Multi-function extended cap (for position A)
FCU	Multi-function flush cap (for position C)
ECU	Multi-function extended cap (for position C)

b

Color	
Code	Description
0	Amber
1	White
2	Black
3	Green
4	Red
5	Yellow
6	Blue

Pilot Light Diffuser

800F - AD3C

Illuminated Push Button Diffusers

800F - AD2C (Flush or Alternate Action)

800F - AD4C (Extended and Guarded)

Legend Texts

Standard Symbols*

Marking	Description	Std.	Suffix No.
(Blank)	Blank	—	U100
	—	—	U112
	START*†\$♣	ISO 71	U219
	—*†\$♣	ISO 72	U220
	START*†\$♣	ISO 5232	U221
	CONTINUOUS MOTION LEFT, RIGHT ➤	—	U226
	CONTINUOUS MOTION UP, DOWN ➤	—	U227
O	STOP	—	U228
I	STEP 1	—	U229
II	STEP 2	—	U230
O-I	STOP-START ➤	—	U231
I-O	START-STOP ➤	—	U232
I-II	— ➤	—	U233
I-O-II	— ➤	—	U234
←-O-I	— ➤	—	U236
←-O- ➤	— ➤	—	U237
I-II-III	— ➤	—	U240
	CONTINUOUS MOTION	—	U241
	CONTINUOUS MOTION	—	U242
	CONTINUOUS MOTION	—	U243
III	STEP 3	—	U249
O- ➤	— ➤	—	U256
I-O-I	START-STOP-START ➤	—	U282
O-1-2	— ➤	—	U285
IV	STEP 4	—	U604
V	STEP 5	—	U605
➔	CONTINUOUS MOTION	ISO 1	U700
↔	LINEAR MOTION TWO DIRECTIONS	ISO 2	U701
↑↓	VERTICAL MOTION	—	U702
➔➔	INTERRUPTED MOTION*§	—	U703
⏹	LIMITED MOTION*§	ISO 4	U704
⏹↔	LIMITED MOTION AND RETURN*§	ISO 5	U705
≡	OSCILLATING MOTION, CONTINUOUS CYCLE*§	—	U706
	CONTINUOUS ROTATION TO RIGHT*§	DIN 100, ISO 7A	U707

Marking	Description	Std.	Suffix No.*§
	CONTINUOUS ROTATION TO LEFT	ISO 7B	U708
	INTERRUPTED ROTATION TO LEFT	—	U710
	INTERRUPTED ROTATION TO RIGHT	—	U711
	DIRECTION OF SPINDLE SPEED	—	U717
	FEED	ISO 16	U720
	REDUCED SPEED	—	U723
	RAPID FEED	—	U724
	NORMAL FEED	—	U725
	LONGITUDINAL FEED	—	U726
	TRANSVERSE FEED	—	U727
	RAPID TRANSVERSE	ISO 26	U728
	THREADING	—	U729
+	INCREASE	ISO 28	U730
-	DECREASE	ISO 29	U731
	CONVENTIONAL MILLING	—	U736
	CLIMB MILLING	—	U737
	ELECTRIC MOTOR	ISO 41	U800
	TURNING SPINDLE	—	U803
	DRILLING SPINDLE	—	U804
	MILLING SPINDLE	—	U805
	GRINDING SPINDLE	—	U806
	PUMP	ISO 48	U807
	COOLANT PUMP	—	U808
	LUBRICATION PUMP	—	U809
	HYDRAULIC SYSTEMS PUMP	—	U810
	HYDRAULIC MOTOR	—	U811
	TRACER	—	U812
	SHEAR PIN CONSTRUCTION	ISO 91	U850
	ATTENTION/DANGER	DIN 131, ISO 92	U851
!	CAUTION	ISO 93	U852
	MAIN SWITCH	ISO 94	U853
	ACOUSTIC WARNING EQUIPMENT	DIN 155	U854
—	—	—	—

* Items in grey shaded table cells only available on legend plates. Not available as laser-engraved text on button caps, illuminated push button diffusers, or pilot light diffusers.

* Not available on -11 or -17 legend plates.

† Not available on -12, -18, or -20 legend plates.

§ Not available on -34 legend plates.

♣ Not available on -35 legend plates.

➤ Not available on -42 legend plates.

Standard Symbols, Continued

Marking	Description	Std.	Suffix No. *§
	SETUP	DIN 986	U855
	COOLANT FLUID	ISO 101	U875
	LIGHT	ISO 139, 102	U876
	WEIGHT	—	U877
	REFILLING	DIN 256, ISO 104	U878
	FULL LEVEL	—	U879
	DRAIN	DIN 257, ISO 106	U880
	OVERFLOW	DIN 258, ISO 105	U881
	OIL LUBRICATION	DIN 175, ISO 107	U882
	BLOWING UNIT	DIN 263, ISO 108	U883
	SUCTION UNIT	DIN 264, ISO 109	U884
	STEPLESS OPERATION	ISO 61	U900
	CLAMP OR TIGHTEN	ISO 63A	U901
	CLAMP OR TIGHTEN	—	U902
	LOOSEN	ISO 64A	U903
	LOOSEN	—	U904
	BRAKE ON	ISO 65	U905
	BRAKE RELEASE	ISO 66	U906
	AUTO CYCLE	—	U907
	MANUAL	DIN 35	U908
	START	ISO 69	U909
	STOP	ISO 70	U910
	TAKE ACTION WHEN CONTROL IS OPERATING	—	U912
	ENGAGE	DIN 46, ISO 74	U913
	DISENGAGE	DIN 45, ISO 75	U914
	ENGAGE TRACE	—	U917
	DISENGAGE TRACE	—	U918
	CHANGE SPEED ONLY IN STOPPED POSITION	—	U919
	CHANGE SPEED ONLY WHEN IN MOTION	—	U920
	CONTINUOUS ADJUSTMENT	ISO 62	U921
	AUTOMATIC OR SEMIAUTOMATIC CYCLE	DIN 267	U922
R	RESET	—	U924

* Not available on -11 or -17 legend plates.

§ Not available on -34 legend plates.

Legend Texts, Continued
 Standard Text*
 English

Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.
(Blank)	E100	FOR-OFF-REV➤	E261	LAST STOP	E278	PULL TO RESET	E176	START	E208
I-O-AUTO§♣➤	E235	FOR-REV➤	E253	LEFT	E145	PUMP STOP	E290	START CYCLE	E209
ACCU-STOP➤	E284	FOR-STOP-REV➤	E254	LEFT-RIGHT➤	E146	PURGE	E271	START-JOG➤	E210
AT SPEED	E285	FORWARD	E120	LOCAL-REMOTE➤	E147	PUSH TO STOP	E179	START-STOP➤	E211
AUTO	E101	FORWARD-AUTO-REVERSE➤	E121	LOW	E148	PUSH TO STOP-TWIST OR PULL, RELEASE§♣➤	E262	STOP	E212
AUTO-O-HAND§♣➤	E250			LOW-HIGH➤	E149			STOP-CYCLE➤	E213
AUTO-HAND➤	E102	FORWARD-OFF-REVERSE➤	E122	LOW-OFF-HIGH➤	E150	PUSH-TO-TEST	E181	STOP-RESET➤	E214
AUTO-MAN-OFF➤	E103			LOW SPEED	E151	RAISE	E182	STOP-START➤	E215
AUTO-MANUAL	E286	FORWARD-STOP-REVERSE➤	E123	LOWER	E152	RAISE-LOWER➤	E183	SUMMER-OFF-WINTER	E216
AUTO-OFF-HAND➤	E104			LOW-OFF-RAISE➤	E153	RAISE-OFF-LOWER➤	E184		
BLOWER	E268	FORWARD-REVERSE➤	E124	LOWER-RAISE➤	E154	READY	E185	SUMMER-WINTER➤	E217
BRAKE	E105			MANUAL	E155	RESET	E186	SUPPLY ON	E218
BYPASS-OFF-DRIVE§♣➤	E297	FULL SPEED	E125	MAN-O-AUTO§♣➤	E238	RETURN	E187	TEST	E219
BYPASS ON§♣➤	E295	HAND	E126	MAN-AUTO➤	E258	REV-FOR➤	E260	TRANSFER➤	E220
BYPASS START§♣➤	E299	HAND-I-AUTO§♣➤	E239	MANUAL-AUTO➤	E156	REVERSE	E188	TRIP	E221
BYPASS STOP§♣➤	E298	HAND-O-AUTO➤	E283	MAN-OFF-AUTO➤	E259	REVERSE-FORWARD➤	E189	UNCLAMP	E222
CLAMP	E106	HAND-AUTO➤	E127	MANUAL-OFF-AUTO➤	E157			UP	E223
CLOSE	E107	HAND-OFF-AUTO➤	E128	MOTOR RUN	E158	REVERSE-OFF-FORWARD➤	E190	UP-DOWN➤	E224
CYCLE START	E108	HAND OFF	E264	MOTOR RUNNING	E159			UP-OFF-DOWN➤	E225
DECREASE➤	E109	HAND ON	E263	MOTOR START	E160	RIGHT	E191		
DRIVE-START➤	E287	HAND START	E265	MOTOR STOP	E161	RIGHT-LEFT➤	E192		
DRIVE-STOP➤	E288	HAND STOP	E266	MOTOR STOPPED	E162	ROTATE CW	E246		
DOWN	E110	HEAT	E270	NO FLIP	E275	ROTATE CCW	E247		
DOWN-OFF-UP➤	E111	HIGH	E129	OFF	E163	RUN	E193		
DRIVE ON§♣➤	E296	HIGH-LOW➤	E130	OFF CIRCUIT	E244	RUN-JOG➤	E194		
EMERG STOP	E251	HIGH-OFF-LOW➤	E131	OFF-COOLANT-ON➤	E164	RUN-SAFE-JOG➤	E195		
EMERGENCY➤	E248	IN	E132	OFF-LIGHT-ON➤	E272	RUNNING	E243		
EMERGENCY OFF➤	E294	IN-OUT➤	E133	OFF-ON➤	E165	SAFE	E196		
EMERGENCY STOP➤	E112	INCH	E134	ON	E166	SAFE-RUN➤	E197		
ENABLE	E279	INCH-REV➤	E257	ON CIRCUIT	E245	SETUP	E198		
ENTER	E277	INCH-REVERSE➤	E135	ON-OFF➤	E167	SETUP-RUN➤	E302		
ERROR	E273	INCH-RUN➤	E136	ON-OFF-AUTO➤	E168	SETUP-SERVICE➤	E199		
EXHAUSTER➤	E269	INCREASE➤	E137	ON-STOP-SAFE➤	E169	SEQUENCE-TEST➤	E200		
FAULT	E113	INSPECT	E274	OPEN	E170	SLOW	E201		
FAST	E114	JOG	E138	OPEN-CLOSE➤	E171	SLOWER	E202		
FAST-OFF-SLOW➤	E289	JOG-FOR➤	E255	OPEN-OFF-CLOSE➤	E172	SLOWEST	E203		
FASTER	E115	JOG-FORWARD➤	E139	OUT	E173	SLOW-FAST➤	E204		
FEED START	E116	JOG-OFF-RUN➤	E140	OVERLOAD➤	E267	SLOW-OFF-FAST➤	E205		
FEED STOP	E117	JOG-REV➤	E256	OVERLOAD TRIP➤	E174	SLOW-STOP-FAST➤	E206		
FEEDER OFF	E118	JOG-REVERSE➤	E141	OVERLOAD RESET➤	E175	SLOW-OFF-START➤	E207		
FEEDER ON	E119	JOG-RUN➤	E142	POWER OFF	E177	SLOW SPEED	E291		
FIFO	E276	JOG-SAFE-RUN➤	E143	POWER ON	E178	SOFT STOP	E292		
FOR-AUTO-REV➤	E252	JOG-STOP-RUN➤	E144	PULL TO START	E180	SPEED	E293		

* Items in grey shaded table cells only available on legend plates. Not available as laser-engraved text on button caps, illuminated push button diffusers, or pilot light diffusers.

♣ Not available on -11 or -17 legend plates.

♣ Not available on -35 legend plates.

§ Not available on -34 legend plates.

➤ Not available on -42 legend plates.

Legend Texts, Continued
Standard Text, Continued*
French

Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.
A-COUPS	F138	AVANT-ARRÊT-ARRIÈRE	F122	DESCENDRE	F110	HORS MANUEL	F249	MARCHE-ARRÊT	F211
ACCU-STOP	F280			DROIT	F191	LENT	F201	MONTER	F182
ARRIÈRE	F188	AVANT-ARRIÈRE	F124	EN	F247	LENT-ARRÊT-VITE	F205	OUVRIR	F170
ARRÊT	F163	AV-ARR	F290	EN CIRCUIT	F245	M FORCEE	F284	PANNE	F113
ARRÊT D'ENTR	F289	AV-HORS-ARR	F253	EN MANUEL	F250	MANUEL	F126	RAP-HORS-LENT	F285
ARRÊT DOUX	F288	BAS	F148	FERMER	F107	MANUEL-ARRÊT-AUTO	F128	RAPIDE	F114
ARRÊT D'URGENCE	F112	BAS-ARRÊT-HAUT	F150	FREINAGE	F105			RÉGLER	F198
ARRÊT-MANUEL	F251	DEMAR. D-ENTR	F283	GAUCHE	F145	MANUEL-AUTO	F127	SURCHARGE	F254
ARRÊT-MARCHE	F165	DEMAR.-MAN.	F252	HAUT	F129	MANUEL-HORS-AUTO	F157	VARIATEUR ALIMENTÉS	F293
ARRÊT POMPE	F286	DÉRIV-ARRÊT-EFN	F294	HAUT-HORS-BAS	F131			VIT. ATTEINT	F281
AUTO	F101	DÉRIV ARRÊT	F295	HORS	F246	MARCHE	F166	VIT. LENTE	F287
AUTO-MANUEL	F282	DÉRIV MARCHE	F296	HORS CIRCUIT	F244	—	—	VITESSE	F291
AVANT	F120	DÉRIVATION ALIMENTÉS	F292	HORS-EN	F248	—	—	—	—

Spanish

Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.
ABRIR	S170	ARRANQUE	S166	DERECHA	S191	MARCHA	S208	PARADA-MARCHA	S165
ADELANTE	S120	ATRÁS	S188	EN SERVICIO	S243	MARCHA-PARO	S211	PARO	S163
ADELANTE-ATRÁS	S124	BAJADA	S152	IZQUIERDA	S145	PARADA	S212	SUBIDA	S182
ADELANTE-PARADA-ATRÁS	S123	BAJAR	S110	MANUAL	S126	PARADA DE EMERGENCIA	S112	SUBIR	S223
		CERRAR	S107	MANUAL-AUTO	S127			—	—

German

Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.
AB	G110	EINRICHTEN	G198	LANGSAM	G201	ÖFFNEN	G170	VOR	G120
AUF	G223	HAND	G126	LINKS	G145	RECHTS	G191	VOR-AUS-ZURÜCK	G122
AUS	G163	HAND-AUS-AUTO	G128	LINKS-RECHTS	G146	SCHNELL	G114	VOR-ZURÜCK	G124
AUS-EIN	G165	HAND-AUTO	G127	NIEDRIG	G148	SENKEN	G152	ZU	G107
BETRIEB	G243	HEBEN	G182	NIEDRIG-AUS-HOCH	G150	STÖRUNG	G113	ZURÜCK	G188
EIN	G166	HOCH	G129	NOT AUS	G112	—	—	—	—

Italian

Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.
ABBASSARE	T152	AVANTI-DISINS-INDIETRO	T122	DISCESA	T110	IN SERVIZIO	T243	MARCIA-ARRESTO	T211
ALTO	T129			DISINS-INS	T165	LENTO	T201	PREPARARE	T198
APRIRE	T223	AVANTI-INDIETRO	T124	DISINSERITO	T163	MANUALE	T126	RAPIDO	T114
ARRESTO	T212	BASSO	T148	DISTURBO	T113	MANUALE-AUTO	T127	ROTAZIONE CW	T246
ARRESTO EMERGENZA	T112	BASSO-DISINS-ALTO	T150	EMERGENZA	T248	MANUALE-DISINS-AUTO	T128	ROTAZIONE CCW	T247
		DESTRA	T191	INDIETRO	T188			SALITA	T182
AUTOMATICO	T101	CHIUDERE	T107	INSERITO	T166	MARCIA	T208	SINISTRA	T145
AVANTI	T120	—	—	—	—	—	—	—	—

Swedish

Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.	Marking	Suffix No.
BACK	N188	HÖGER	N191	NERN	110	UPP	N223	VÄNSTER	N145
FRAM	N120	—	—	—	—	—	—	—	—

* Items in grey shaded table cells only available on legend plates. Not available as laser-engraved text on button caps, illuminated push button diffusers, or pilot light diffusers.

§ Not available on -34 legend plates.

♣ Not available on -35 legend plates.

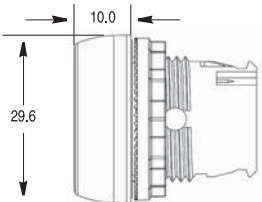
➤ Not available on -42 legend plates.

⚡ Only available on legend plates and AD2 or AD4 diffusers.

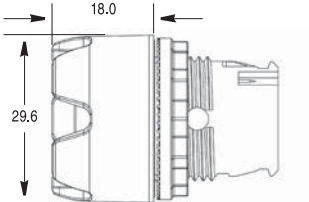
Approximate Dimensions

Dimensions in millimeters. Dimensions are not intended to be used for manufacturing purposes. Refer to RAISE software for additional dimensional information.

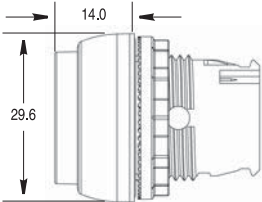
Non-Illuminated and Illuminated Momentary Flush Push Button Operators



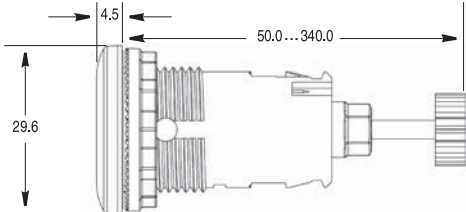
Illuminated Momentary Guarded Push Button Operators



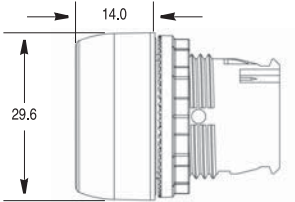
Illuminated and Non-Illuminated Momentary Extended Push Button Operators



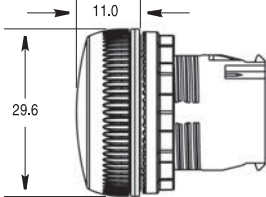
Reset Operators with Reset Rod



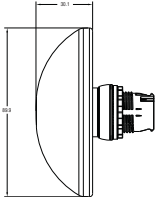
Non-Illuminated Guarded, Illuminated and Non-Illuminated Alternate Action Push Button Operators



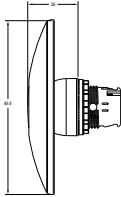
Pilot Light Operators



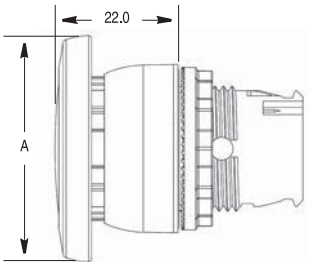
90 mm Half Dome



90 mm Mushroom

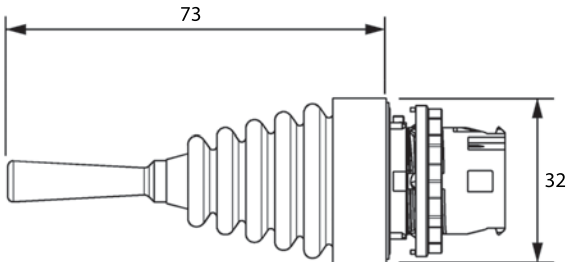


Illuminated and Non-Illuminated Momentary Mushroom Operators 40 mm and 60 mm



Operator	A
40 mm	39.8
60 mm	59.8

Toggle Switch Operators



Selector Jog Operators

