

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
			Key Release 40 mm		2 N.C.	800F-1YP3	800F-1YM3
					1 N.C.	800F-1YP4	800F-1YM4
			Twist-to-Release 60 mm		1 N.O. / 1 N.C.	800F-1YP5	800F-1YM5
					2 N.C.	800F-1YP6	800F-1YM6
			Twist-to-Release 40 mm		2 N.C.	800F-1YP7	—
					1 N.O. / 2 N.C.	800F-1YP8	—
			Red half dome	24V AC/DC	1 N.C.	—	800F-1YML1
						—	800F-1YML2
						—	800F-1YML3
				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	
					—	800F-1YML2HD	
					—	800F-1YML3HD	
	AC Micro★	5-pin	Twist-to-Release 40 mm	Non-Illuminated	2 N.C. — Low voltage	—	800F-1YMQ53V
		6-pin			1 N.O. / 2 N.C.	—	800F-1YMQA
	DC Micro★	4-pin	Twist-to-Release 40 mm	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
		Non-Illuminated		—		800F-1YMQ3VEG	
	Mini Receptacle ★	4-pin	Twist-to-Release 40 mm	Non-Illuminated	1 N.C.	—	800F-1YMQ3V
				Non-Illuminated	1 N.C.	—	800F-1YMQ41
				24V AC/DC	1 N.O. / 1 N.C.	—	800F-1YMQ44
		6-pin		24V AC/DC	1 N.O./1 N.C.	—	800F-1YMQ4
				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.	—
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

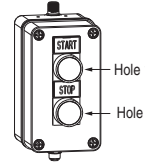
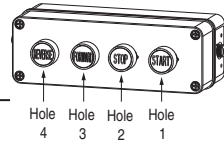
800F –

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

4-Hole

800F –

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



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)
		Cat. No.
1 hole in face	1	800F-P15
2 holes in face		800F-P25
1 hole in bottom		800F-P35
1 hole in face / 1 hole in bottom		800F-P45

Assembled Two-Hole Pendant Stations*

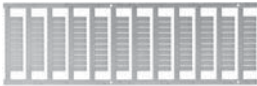


Pendant Station
Cat. No. 800F-PN2

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.

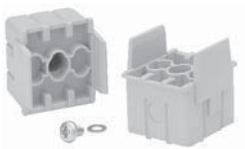
Miscellaneous

	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.



Allen-Bradley

www.ab.com/catalogs Preferred availability cat. nos. are **bold**.

Publication A117-CA001A-EN-P

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.

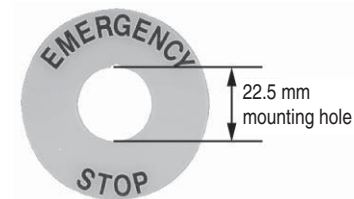
† White and yellow caps have black text. All other color caps have white text.

‡ 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.

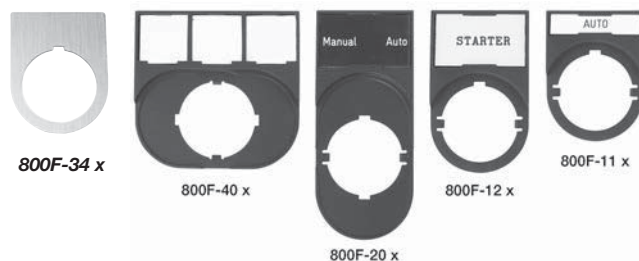
Font Size	Type of Legend Plate							
	One-Piece				Two-Piece		Special Multi-Function	
	Max. Char. per Line	Max. No. of Lines		Max. Char. per Line	Max. No. of Lines		Max. Char. per Line	Max. No. of Lines
		30 x 40 mm	30 x 50 mm		30 x 40 mm	30 x 50 mm or 30 x 60 mm		
K (small)	16	2	5	15	2	5	7	3
S (standard)	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**

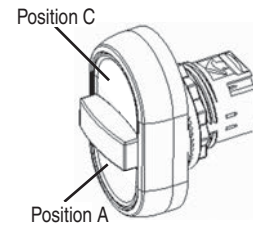
* Package quantity of one for all laser-engraved caps and diffusers.

⚙ 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

800F – A $\frac{F}{a}$ $\frac{1}{b}$ C

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)

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-MARCHE➤	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.

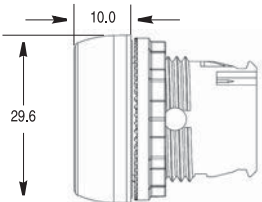
➤ Not available on -42 legend plates.

%‡ Only available on legend plates and AD2 or AD4 diffusers.

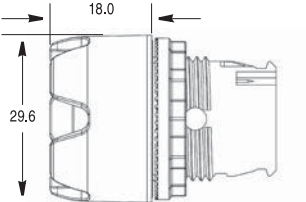
Approximate Dimensions

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

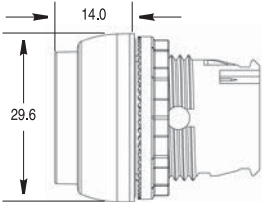
Non-Illuminated and Illuminated Momentary Flush Push Button Operators



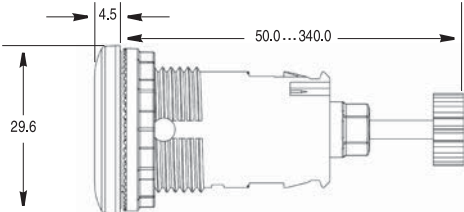
Illuminated Momentary Guarded Push Button Operators



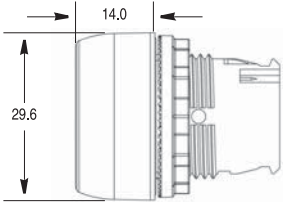
Illuminated and Non-Illuminated Momentary Extended Push Button Operators



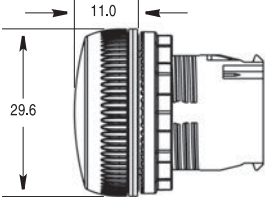
Reset Operators with Reset Rod



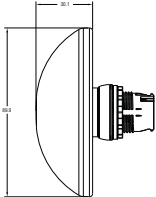
Non-Illuminated Guarded, Illuminated and Non-Illuminated Alternate Action Push Button Operators



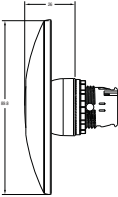
Pilot Light Operators



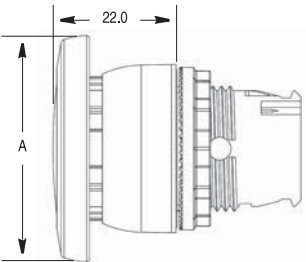
90 mm Half Dome



90 mm Mushroom

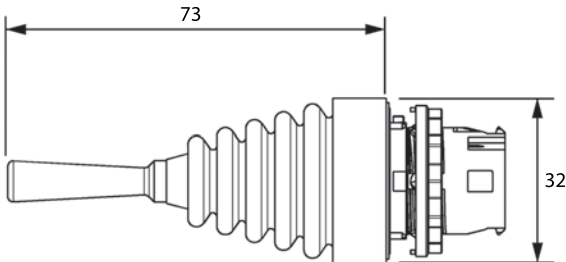


Illuminated and Non-Illuminated Momentary Mushroom Operators 40 mm and 60 mm

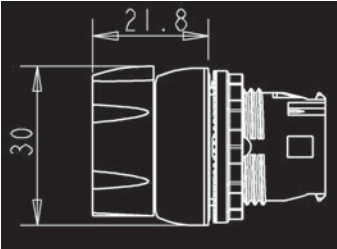


Operator	A
40 mm	39.8
60 mm	59.8

Toggle Switch Operators

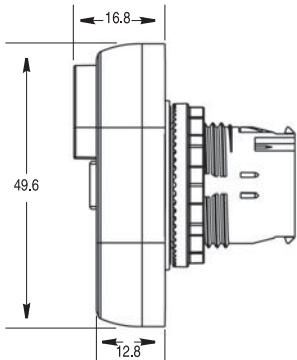


Selector Jog Operators

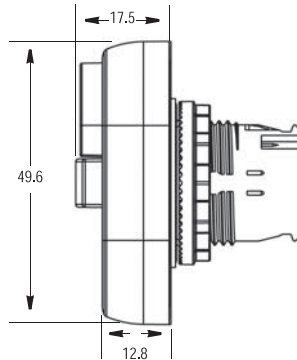


Dimensions in millimeters. Dimensions are not intended to be used for manufacturing purposes.

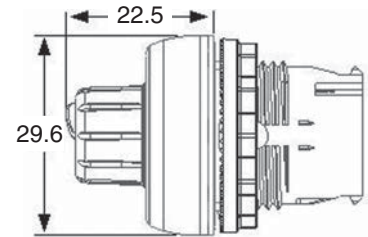
**Illuminated and Non-Illuminated
2-Position Multi-Function Operators**



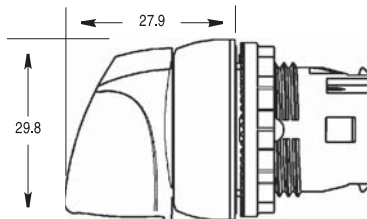
**Non-Illuminated 3-Position
Multi-Function Operators**



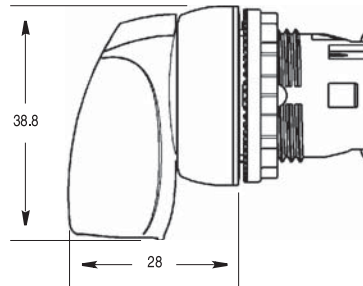
Potentiometer Operator



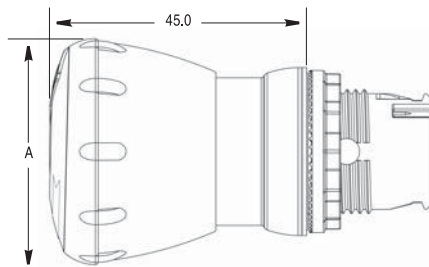
**Illuminated and Non-Illuminated Knob
Selector Switch Operators**



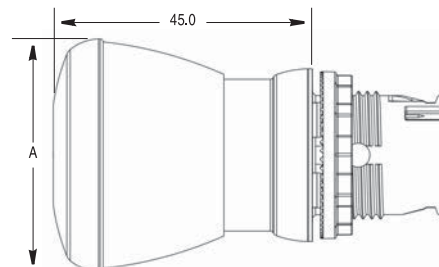
**Non-Illuminated Knob Lever Selector
Switch Operators**



**Illuminated and Non-Illuminated
Twist-to-Release Operators
30 mm, 40 mm, and 60 mm**

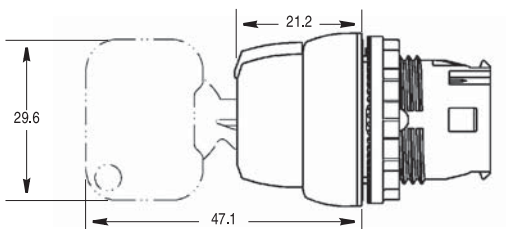


**Illuminated and Non-Illuminated
Push-Pull Mushroom Operators
30 mm, 40 mm, and 60 mm**

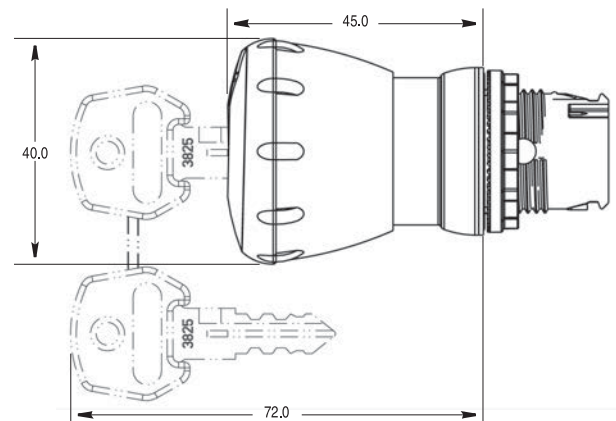


Operator	A
30 mm	30.0
40 mm	40.0
60 mm	60.0

**Key Selector Switch and Key Ejected
SensEject Operators**



Mushroom Key Release Operator 40 mm



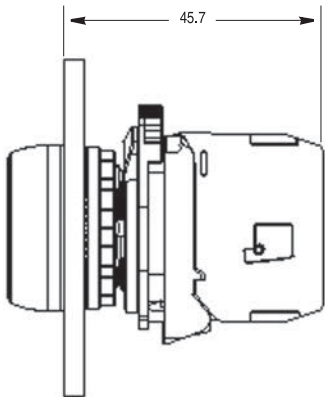
Bulletin 800F

22.5 mm Push Buttons

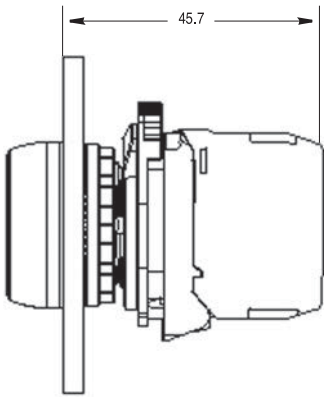
Approximate Dimensions

Dimensions in millimeters. Dimensions are not intended to be used for manufacturing purposes.

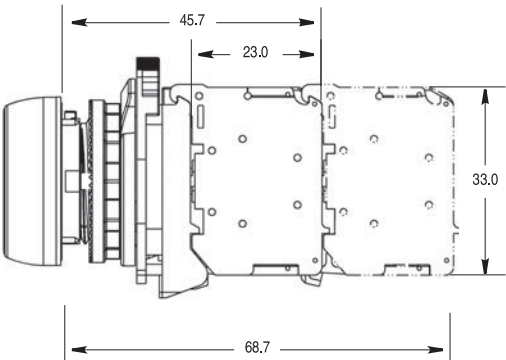
Back-of-Panel Components —
Incandescent Module with Latch



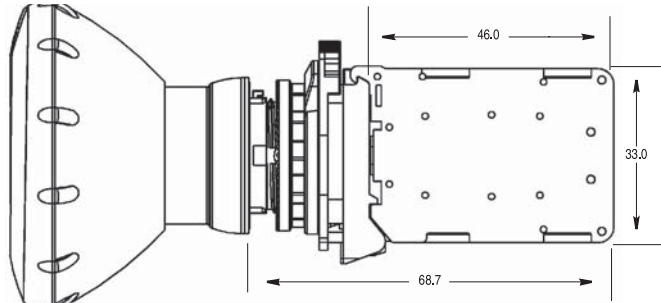
Back-of-Panel Components —
LED Module with Latch



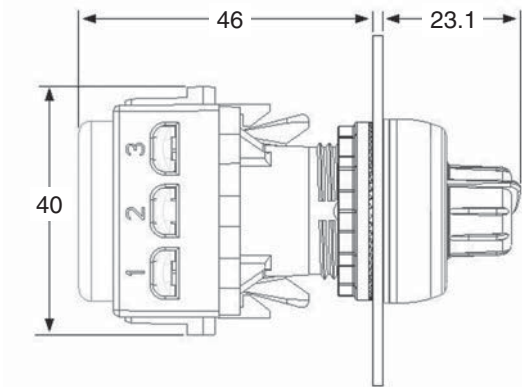
Back-of-Panel Components —
Contact Cartridges with Latch



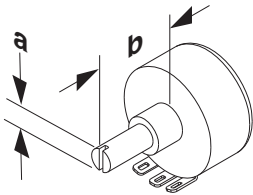
Back-of-Panel Components —
Dual Circuit Contact Block or
Self Monitoring Contact Block
(Max. of 1 Deep)



Potentiometer with Resistive Element



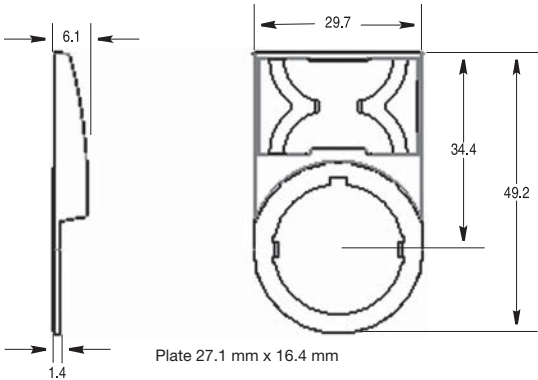
Customer Supplied Resistive Element



	Max.		Min.
a (Ø Dia.)	6.4 (0.252)	5.9 (0.232)	5.7 (0.224)
b (Length)	24 (0.945)	32 (1.26)	14 (0.551)

Dimensions in millimeters (inches).

30 x 50 mm Snap-In Legend Plate



30 x 40 mm Snap-In Legend Plate

