

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
		5-pin		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

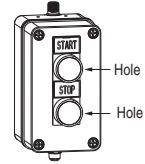
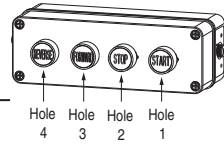
800F –

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)
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*






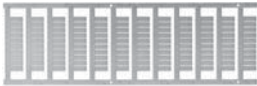





Pendant Station
Cat. No. 800F-PN2

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.





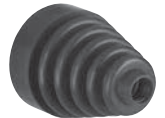


Miscellaneous

	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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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.