



The Time-saving Product Line

Quick Selection, Superior Design, Fast Mounting

Bulletin 800F



Allen-Bradley

Rockwell
Automation

Quick Selection



Push Button, Non-illuminated, Momentary, Flush

Plastic Metal

○ 800FP-F1	800FM-F1
● 800FP-F2	800FM-F2
● 800FP-F3	800FM-F3
● 800FP-F4	800FM-F4
● 800FP-F5	800FM-F5
● 800FP-F6	800FM-F6
Ø 800FP-F9	800FM-F9

Ø Push Button without Cap



Push Button, Illuminated, Momentary, Extended

Plastic Metal

● 800FP-LE3	800FM-LE3
● 800FP-LE4	800FM-LE4
● 800FP-LE5	800FM-LE5
● 800FP-LE6	800FM-LE6
○ 800FP-LE7	800FM-LE7
Ø 800FP-LE9	800FM-LE9

Ø Push Button without Cap



Push Button, Non-illuminated, Momentary, Extended

Plastic Metal

○ 800FP-E1	800FM-E1
● 800FP-E2	800FM-E2
● 800FP-E3	800FM-E3
● 800FP-E4	800FM-E4
● 800FP-E5	800FM-E5
● 800FP-E6	800FM-E6
Ø 800FP-E9	800FM-E9

Ø Push Button without Cap



Reset Push Button

Plastic Metal

● 800FP-R611	800FM-R611
● 800FP-R6	800FM-R6



Pilot Light

Plastic Metal

● 800FP-P3	800FM-P3
● 800FP-P4	800FM-P4
● 800FP-P5	800FM-P5
● 800FP-P6	800FM-P6
○ 800FP-P7	800FM-P7
Ø 800FP-P9	800FM-P9

Ø Pilot light without lens or diffuser



Push Button, Illuminated, Momentary, Flush

Plastic Metal

● 800FP-LF3	800FM-LF3
● 800FP-LF4	800FM-LF4
● 800FP-LF5	800FM-LF5
● 800FP-LF6	800FM-LF6
○ 800FP-LF7	800FM-LF7
Ø 800FP-LF9	800FM-LF9

Ø Push Button without Cap



Multi-function, Non-illuminated

Plastic Metal

● 800FP-U2FFFFE	800FM-U2FFFFE
● 800FP-U2EFFFE	800FM-U2EFFFE
● 800FP-U3F3F34	800FM-U3F3F34



Plastic Operator



Metal Operator

Plastic Latch



Metal Latch



Integrated LED Module



Contact Block



**Selector Switch, Non-illuminated,
2 Position, Maintained**

Plastic	Metal
● 800FP-SM22	800FM-SM22



**Selector Switch, Non-illuminated,
2 Position, Spring Return from Right**

Plastic	Metal
● 800FP-SR22	800FM-SR22



**Selector Switch, Non-illuminated,
2 Position, Spring Return from Left**

Plastic	Metal
● 800FP-SL22	800FM-SL22



**Selector Switch, Illuminated,
2 Position, Maintained**

Plastic	Metal
● 800FP-LSM23	800FM-LSM23
● 800FP-LSM24	800FM-LSM24
● 800FP-LSM25	800FM-LSM25
● 800FP-LSM26	800FM-LSM26
○ 800FP-LSM27	800FM-LSM27



**Selector Switch, Illuminated,
2 Position, Spring Return from Right**

Plastic	Metal
● 800FP-LSR23	800FM-LSR23
● 800FP-LSR24	800FM-LSR24
● 800FP-LSR25	800FM-LSR25
● 800FP-LSR26	800FM-LSR26
○ 800FP-LSR27	800FM-LSR27



**Selector Switch, Illuminated,
2 Position, Spring Return from Left**

Plastic	Metal
● 800FP-LSL23	800FM-LSL23
● 800FP-LSL24	800FM-LSL24
● 800FP-LSL25	800FM-LSL25
● 800FP-LSL26	800FM-LSL26
○ 800FP-LSL27	800FM-LSL27



**Selector Switch, Non-illuminated,
3 Position, Maintained**

Plastic	Metal
● 800FP-SM32	800FM-SM32



**Selector Switch, Non-illuminated,
3 Position, Spring Return from Right**

Plastic	Metal
● 800FP-SR32	800FM-SR32



**Selector Switch, Non-illuminated,
3 Position, Spring Return from Left**

Plastic	Metal
● 800FP-SL32	800FM-SL32



**Selector Switch, Non-illuminated,
3 Position, Spring Return from Both**

Plastic	Metal
● 800FP-SB32	800FM-SB32



Plastic Latch
800F-ALP



Metal Latch
800F-ALM



**Integrated LED Module, Screw
Terminations (latch not included)**

800F-N3*	24V AC/DC
800F-N5*	120V AC
800F-N7*	240V AC

* Add LED color; R = red, G = green,
Y = yellow, B = blue, W = white



**Integrated LED Module, Spring-Clamp
Terminations (latch not included)**

800F-Q3*	24V AC/DC
800F-Q5*	120V AC
800F-Q7*	240V AC

* Add LED color; R = red, G = green,
Y = yellow, B = blue, W = white



**Selector Switch, Illuminated,
3 Position, Maintained**

Plastic

- 800FP-LSM33
- 800FP-LSM34
- 800FP-LSM35
- 800FP-LSM36
- 800FP-LSM37

Metal

- 800FM-LSM33
- 800FM-LSM34
- 800FM-LSM35
- 800FM-LSM36
- 800FM-LSM37



**Selector Switch, Illuminated,
3 Position, Spring Return from Both**

Plastic

- 800FP-LSB33
- 800FP-LSB34
- 800FP-LSB35
- 800FP-LSB36
- 800FP-LSB37

Metal

- 800FM-LSB33
- 800FM-LSB34
- 800FM-LSB35
- 800FM-LSB36
- 800FM-LSB37



**Selector Switch, Illuminated,
3 Position, Spring Return from Right**

Plastic

- 800FP-LSR33
- 800FP-LSR34
- 800FP-LSR35
- 800FP-LSR36
- 800FP-LSR37

Metal

- 800FM-LSR33
- 800FM-LSR34
- 800FM-LSR35
- 800FM-LSR36
- 800FM-LSR37



**Key Selector Switch,
Ronis, 2 Position**

Plastic

- 800FP-KM21

Metal

- 800FM-KM21



- 800FP-KM23
- 800FP-KR21

- 800FM-KM23
- 800FM-KR21



**Selector Switch, Illuminated,
3 Position, Spring Return from Left**

Plastic

- 800FP-LSL33
- 800FP-LSL34
- 800FP-LSL35
- 800FP-LSL36
- 800FP-LSL37

Metal

- 800FM-LSL33
- 800FM-LSL34
- 800FM-LSL35
- 800FM-LSL36
- 800FM-LSL37



**Key Selector Switch,
Ronis, 3 Position**

Plastic

- 800FP-KM31

Metal

- 800FM-KM31



- 800FP-KM33
- 800FP-KM34
- 800FP-KB34
- 800FP-KR35

- 800FM-KM33
- 800FM-KM34
- 800FM-KB34
- 800FM-KR35



**Contact Block, Screw Terminations,
(latch not included)**

800F-X10

○—○ 1NO

800F-X01

○—□ 1NC

800F-X10E

○—□ 1NO Early Make

800F-X01L

○—□ 1NC Late Break

800F-X10V (1mA)

○—○ 1NO QuadCONNECT™

800F-X01V (1mA)

○—□ 1NC QuadCONNECT™

800F-X01S

○—□ 1 Self-monitoring



**Contact Block, Spring-Clamp Terminations,
(latch not included)**

800F-Q10

○—○ 1NO

800F-Q01

○—□ 1NC



**Mushroom Push Button,
Non-illuminated, 40 mm Momentary**

Plastic	Metal
● 800FP-MM42	800FM-MM42
● 800FP-MM43	800FM-MM43
● 800FP-MM44	800FM-MM44
● 800FP-MM45	800FM-MM45
● 800FP-MM46	800FM-MM46



**E-STOP Push Button Key Release,
40 mm Mushroom**

Plastic	Metal
800FP-MK44	800FM-MK44
Complete unit	
1 SMCB	800FP-MK44PX01S
1 SMCB+ 1NO	800FP-MK44PX11S
	800FM-MK44MX01S
	800FM-MK44MX11S



**E-STOP Push Button, Twist-to-release,
30 mm Mushroom**

Plastic	Metal
800FP-MT34	800FM-MT34
Complete unit	
1 SMCB	800FP-MT34PX01S
1 SMCB+ 1NO	800FP-MT34PX11S
	800FM-MT34MX01S
	800FM-MT34MX11S

Accessories

Reset Rod	
800F-ATR01	40 mm
800F-ATR02	55 mm
800F-ATR04	85 mm
800F-ATR06	115 mm
800F-ATR08	145 mm
800F-ATR19	315 mm



**E-STOP Push Button, Twist-to-release,
40 mm Mushroom**

Plastic	Metal
800FP-MT44	800FM-MT44
Complete unit	
1 SMCB	800FP-MT44PX01S
1 SMCB+ 1NO	800FP-MT44PX11S
	800FM-MT44MX01S
	800FM-MT44MX11S



Mounting Ring Wrench

800F-AW2



E-STOP Legend

800F-15Y
800F-16Y



**E-STOP Push Button, Twist-to-release,
60 mm Mushroom**

Plastic	Metal
800FP-MT64	800FM-MT64
Complete unit	
1 SMCB	800FP-MT64PX01S
1 SMCB+ 1NO	800FP-MT64PX11S
	800FM-MT64MX01S
	800FM-MT64MX11S



Hole Adapter

800F-AHA1



Anti-Rotation Washer

800F-ALC1



Plastic Enclosures

Holes	Gray	Yellow
1	800F-1P M	800E-1Y M
2	800F-2P M	
3	800F-3P M	
4	800F-4P M	
6	800F-6P M	



Aluminum Enclosures

Holes	Gray
1	800F-1M M
2	800F-2M M
3	800F-3M M
5	800F-5M M

● Replace "M" with "P" for PG conduit/through holes instead of metric.



Contact Block Base Mounted

800F-BX10	1NO
800F-BX01	1NC
800F-BX10E	1NO Early Make
800F-BX01L	1NC Late Break
800F-BX10V (1mA)	1NO QuadCONNECT™
800F-BX01V (1mA)	1NC QuadCONNECT™



Integrated LED Base Mounted

800F-BN3*	24V AC/DC
800F-BN5*	120V AC
800F-BN7*	240V AC

* Add LED color; R = red, G = green, Y = yellow, B = blue, W = white

Color-coding for Push Button Actuators and their meanings according IEC 60204-1

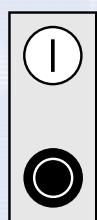
Color	Meaning	Explanation	Examples of application
RED	Emergency	Actuate in the event of a hazardous condition or emergency	Emergency stop, STOP/OFF Initiation of emergency function
YELLOW	Abnormal	Actuate in the event of an abnormal condition	Intervention to suppress abnormal condition Intervention to restart an interrupted automatic cycle
GREEN	Normal	Actuate to initiate normal conditions	START/ON
BLUE	Mandatory	Actuate for a condition requiring mandatory action	Reset function
WHITE	No specific meaning assigned	For general initiation of functions except for emergency stop	START/ON (preferred) STOP/OFF
BLACK	No specific meaning assigned	For general initiation of functions except for emergency stop	START/ON STOP/OFF (preferred)

Note – Where a supplemental means of coding (e.g. shape, position, texture) is used for the identification of Push Button Actuators, then the same color WHITE or BLACK may be used for various functions (e.g. White for START/ON and for STOP/OFF actuators.

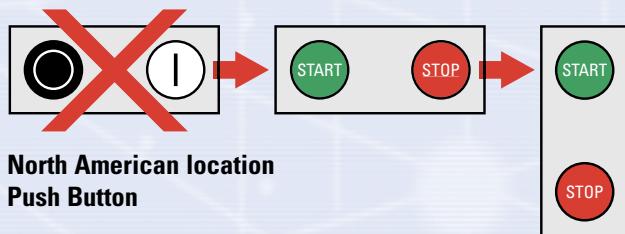
Markings for Push Buttons

It is recommended that Push Buttons be marked, near to or preferably directly on the actuators, with the following symbols:

START or ON	STOP or OFF	Push Buttons acting alternately as START or STOP buttons and as ON or OFF buttons	Push Buttons acting as START or ON buttons when pressed and as STOP or OFF buttons when released (i.e. hold-to-run)
417-IEC-5007	417-IEC-5008	417-IEC-5010	417-IEC-5011



Location Push Button according IEC



North American location Push Button



Colors for Indicator Lights and their meanings with respect to the condition of the machine according IEC 60204-1

Color	Meaning	Explanation	Action by operator
RED	Emergency	Hazardous Condition	Immediate action to deal with hazardous condition (e.g. by operating emergency stop)
YELLOW	Abnormal	Abnormal condition Impending critical condition	Monitoring and/or intervention (e.g. by re-establishing the intended function)
GREEN	Normal	Normal condition	Optional
BLUE	Mandatory	Indication of a condition that requires action by the operator	Mandatory action
WHITE	Neutral	Other conditions; may be used whenever doubt exists about the application of RED, YELLOW, GREEN, BLUE	Monitoring

Indicator Lights and displays according IEC 60204-1

Modes of use

Indicator Lights and Displays serve to give the following types of information:

- **Indication:** to attract the operator's attention or to indicate that a certain task should be performed. The colors RED, YELLOW, GREEN and BLUE are normally used in this mode.
- **Confirmation:** to confirm a command, or a condition, or to confirm the termination of a change or transition period. The colors BLUE and WHITE are normally used in this mode and GREEN may be used in some cases.

Colors

Unless otherwise agreed between the supplier and the user, Indicator (Pilot) Light lenses shall be color-coded with respect to the condition (status) of the machine in accordance with above table.

Alternative meanings may be assigned (see IEC 60073) in accordance with one of the following criteria:

- the safety of persons and the environment;
- the state of the electrical equipment.

Illuminated Push Buttons according IEC 60204-1

Illuminated Push Button Actuators shall be color-coded in accordance with the tables above. Where there is difficulty in assigning an appropriate color, WHITE shall be used. The color RED for the emergency stop actuator shall not depend on the illumination of its light.



Superior Design

The 800F line is designed and manufactured to meet demanding performance specifications. Using state-of-the-art solid modeling techniques and finite element analysis, every component built into 800F Push Buttons is optimized for durability and performance.

Durable Materials

- 800FP operators are made of industrial grade thermoplastic for superior chemical resistance.
- 800FM operators are constructed of tough die cast zinc alloy, finished with chromate plating.

Switching Safety

- Rigid teeth inside all 800F selector switches provide positive detent which assures they will not hang-up between positions.
- Our constant energy solution adds an additional layer of protection to assure switching safety. Vibration will not cause a change in state.

Fast Mounting

Allen-Bradley Push Buttons are designed for easy 1-person mounting and removal.



Rotating latch collar for easy mounting and removal.

www.rockwellautomation.com

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