

The Time-saving Product Line

Quick Selection, Superior Design, Fast Installation



22.5 mm 800F



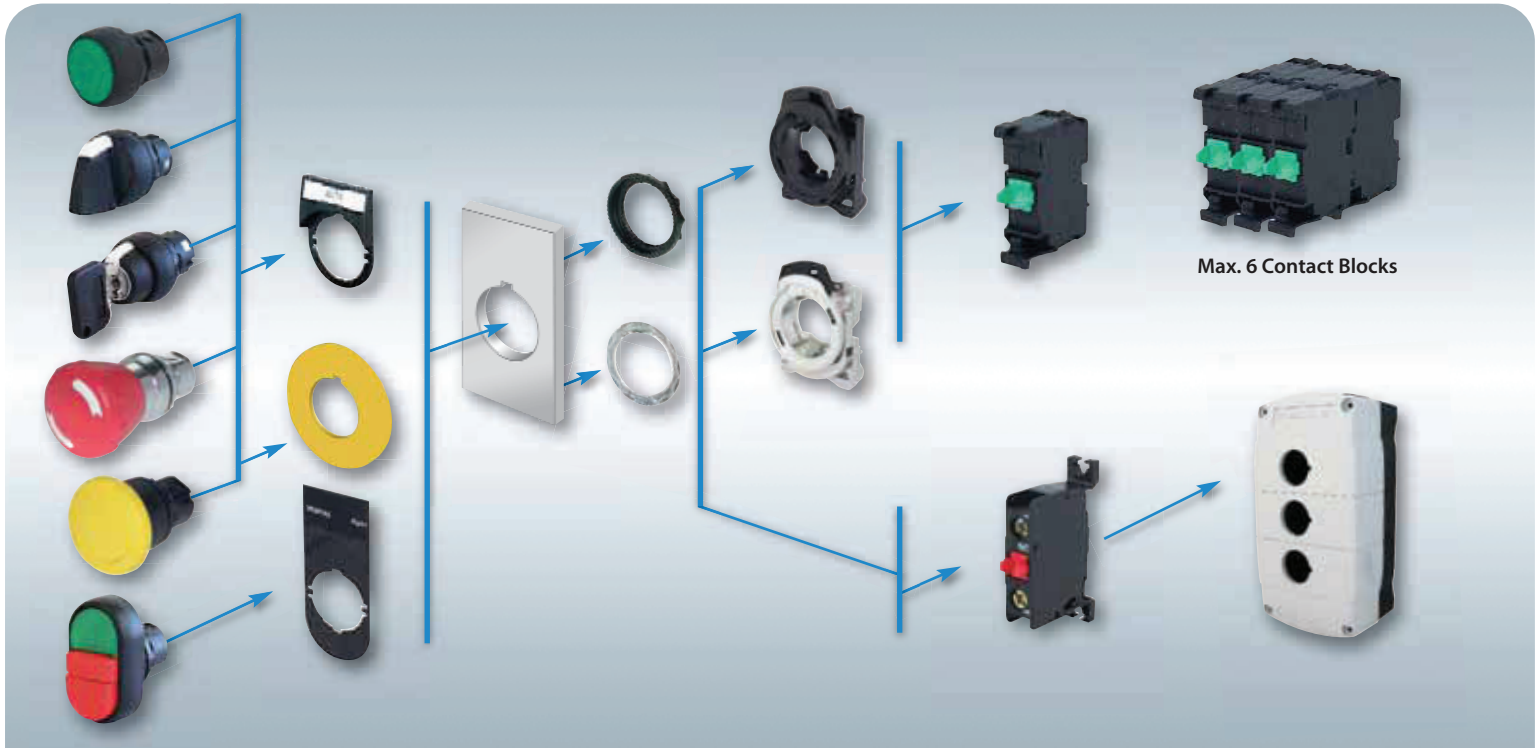
LISTEN.
THINK.
SOLVE.®

 Allen-Bradley • Rockwell Software

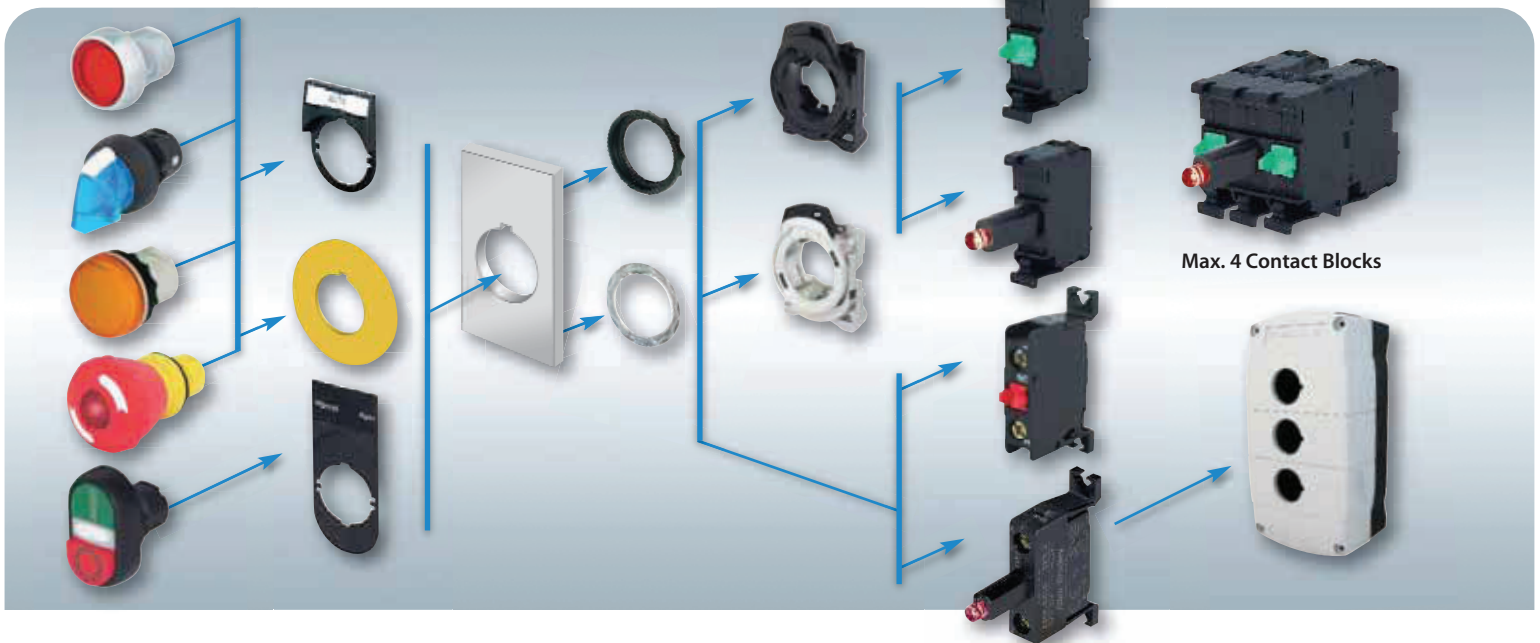
Rockwell
Automation

MODULAR FLEXIBILITY

NON-ILLUMINATED DEVICES



ILLUMINATED DEVICES



For a full product offering, please refer to the Industrial Controls catalog or contact your local Rockwell Automation sales office or Allen-Bradley distributor. You can also visit our website at: www.ab.com/components.

SUPERIOR DESIGN

The 800F line of 22.5 mm push buttons is designed and manufactured to 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.

WORLDWIDE SOLUTIONS

- Designed to worldwide standards.



- Operator caps, legend plates and inserts available with international symbols, foreign languages, and custom markings.

ROTATING LATCH COLLAR FOR EASIER INSTALLATION AND REMOVAL



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.

FASTER, EASIER INSTALLATION

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



DEPENDABLE SEALING



Standard Operators

- IP 66 and Type 4/13
- Diaphragm seals
 - Most linear travel devices
 - No lubrication
- K-seals
 - Rotating devices such as twist-to-release E-stops and Selector Switches.
 - Dual wiping action
 - High pressure sealing

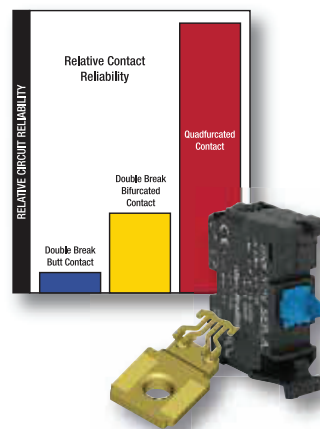
SWITCHING SAFETY



Selector Switches

- Rigid teeth
- Positive detent
- No hang-up between positions
- Constant energy solution
- Vibration insensitive

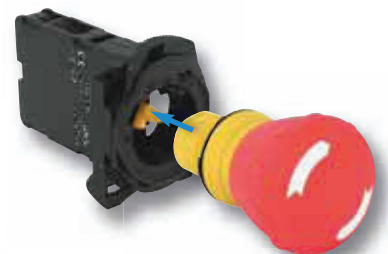
RELIABLE LOW VOLTAGE SWITCHING



QuadCONNECT™ Contact Blocks – a Low Voltage Exclusive

- Direct drive mechanism
 - Positive actuation
- Independent and sequential operation of contact fingers
 - Minimized contact bounce
- Self-cleaning contact wiping
 - Increased contact reliability
 - Long life.
- Reliability operation in applications below 17V, 5 mA down to 5V, 1 mA

ENHANCED E-STOP RELIABILITY



Self-Monitoring™ Contact Blocks

- Ensures NC contact opens when E-stop is actuated
- Monitors proper installation between:
 - Operator and latch
 - Latch and S.M.C.B.

PUSH BUTTON OPERATORS



MOMENTARY, NON-ILLUMINATED, FLUSH

PLASTIC	METAL
● 800FP-F0	800FM-F0
○ 800FP-F1	800FM-F1
● 800FP-F2	800FM-F2
● 800FP-F3	800FM-F3
● 800FP-F4	800FM-F4
● 800FP-F5	800FM-F5
● 800FP-F6	800FM-F6
● 800FP-F8	800FM-F8
∅ 800FP-F9	800FM-F9
∅ Push Button without Cap	

ALTERNATE ACTION, NON-ILLUMINATED, FLUSH

PLASTIC	METAL
● 800FP-FA0	800FM-FA0
○ 800FP-FA1	800FM-FA1
● 800FP-FA2	800FM-FA2
● 800FP-FA3	800FM-FA3
● 800FP-FA4	800FM-FA4
● 800FP-FA5	800FM-FA5
● 800FP-FA6	800FM-FA6
∅ 800FP-FA9	800FM-FA9
∅ Push Button without Cap	



MOMENTARY, NON-ILLUMINATED, EXTENDED

PLASTIC	METAL
● 800FP-E0	800FM-E0
○ 800FP-E1	800FM-E1
● 800FP-E2	800FM-E2
● 800FP-E3	800FM-E3
● 800FP-E4	800FM-E4
● 800FP-E5	800FM-E5
● 800FP-E6	800FM-E6
∅ 800FP-E9	800FM-E9
∅ Push Button without Cap	



MOMENTARY, NON-ILLUMINATED, TWO-COLOR MOLDED LEGEND CAPS

FLUSH BUTTON COLOR	LEGEND COLOR	LEGEND	PLASTIC	METAL
●	○	START	800FP-F301	800FM-F301
●	○	I	800FP-F306	800FM-F306
●	○	→	800FP-F208	800FM-F208
EXTENDED				
●	○	STOP	800FP-E402	800FM-E402
●	○	O	800FP-E405	800FM-E405
●	○	→	800FP-E208	800FM-E208



MOMENTARY, ILLUMINATED, FLUSH

PLASTIC	METAL
● 800FP-LF0	800FM-LF0
● 800FP-LF3	800FM-LF3
● 800FP-LF4	800FM-LF4
● 800FP-LF5	800FM-LF5
● 800FP-LF6	800FM-LF6
○ 800FP-LF7	800FM-LF7
∅ 800FP-LF9	800FM-LF9
∅ Push Button without Cap	

ALTERNATE ACTION, ILLUMINATED, FLUSH

PLASTIC	METAL
● 800FP-LFA0	800FM-LFA0
● 800FP-LFA3	800FM-LFA3
● 800FP-LFA4	800FM-LFA4
● 800FP-LFA5	800FM-LFA5
● 800FP-LFA6	800FM-LFA6
○ 800FP-LFA7	800FM-LFA7
∅ 800FP-LFA9	800FM-LFA9
∅ Push Button without Cap	



MOMENTARY, ILLUMINATED, EXTENDED

PLASTIC	METAL
● 800FP-LE0	800FM-LE0
● 800FP-LE3	800FM-LE3
● 800FP-LE4	800FM-LE4
● 800FP-LE5	800FM-LE5
● 800FP-LE6	800FM-LE6
○ 800FP-LE7	800FM-LE7
∅ 800FP-LE9	800FM-LE9
∅ Push Button without Cap	



PILOT LIGHT OPERATORS

PLASTIC	METAL
● 800FP-P0	800FM-P0
● 800FP-P3	800FM-P3
● 800FP-P4	800FM-P4
● 800FP-P5	800FM-P5
● 800FP-P6	800FM-P6
○ 800FP-P7	800FM-P7
∅ 800FP-P9	800FM-P9
∅ Pilot light without lens or diffuser	



MULTI-OPERATORS, NON-ILLUMINATED

PLASTIC	METAL
● 800FP-U2EFFE	800FM-U2EFFE
● 800FP-U3F3F34	800FM-U3F3F34

SELECTOR SWITCH



2 POSITION, NON-ILLUMINATED, MAINTAINED

PLASTIC	METAL
● 800FP-SM22	800FM-SM22



2 POSITION, NON-ILLUMINATED, SPRING RETURN FROM LEFT

PLASTIC	METAL
● 800FP-SL22	800FM-SL22



2 POSITION, NON-ILLUMINATED, SPRING RETURN FROM RIGHT

PLASTIC	METAL
● 800FP-SR22	800FM-SR22



KEY SELECTOR SWITCH, RONIS, 2 POSITION

PLASTIC	METAL
● 800FP-KM21	800FM-KM21
● 800FP-KM23	800FM-KM23
● 800FP-KR21	800FM-KR21



2 POSITION, ILLUMINATED, MAINTAINED

PLASTIC	METAL
● 800FP-LSM20	800FM-LSM20
● 800FP-LSM23	800FM-LSM23
● 800FP-LSM24	800FM-LSM24
● 800FP-LSM25	800FM-LSM25
● 800FP-LSM26	800FM-LSM26
○ 800FP-LSM27	800FM-LSM27



2 POSITION, ILLUMINATED, SPRING RETURN FROM LEFT

PLASTIC	METAL
● 800FP-LSL20	800FM-LSL20
● 800FP-LSL23	800FM-LSL23
● 800FP-LSL24	800FM-LSL24
● 800FP-LSL25	800FM-LSL25
● 800FP-LSL26	800FM-LSL26
○ 800FP-LSL27	800FM-LSL27



2 POSITION, ILLUMINATED, SPRING RETURN FROM RIGHT

PLASTIC	METAL
● 800FP-LSR20	800FM-LSR20
● 800FP-LSR23	800FM-LSR23
● 800FP-LSR24	800FM-LSR24
● 800FP-LSR25	800FM-LSR25
● 800FP-LSR26	800FM-LSR26
○ 800FP-LSR27	800FM-LSR27



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E-STOP PUSH BUTTON, TWIST-TO-RELEASE, 30 MM MUSHROOM

PLASTIC	METAL
800FP-MT34	800FM-MT34

COMPLETE DEVICE

1 S.M.C.B.	800FP-MT34PX01S	800FM-MT34MX01S
1 S.M.C.B. + 1 N.O.	800FP-MT34PX11S	800FM-MT34MX11S

E-STOP PUSH BUTTON, TWIST-TO-RELEASE, 40 MM MUSHROOM

PLASTIC	METAL
800FP-MT44	800FM-MT44

COMPLETE DEVICE

1 S.M.C.B.	800FP-MT44PX01S	800FM-MT44MX01S
1 S.M.C.B. + 1 N.O.	800FP-MT44PX11S	800FM-MT44MX11S

BACK-OF-PANEL COMPONENTS



CONTACT BLOCK, (LATCH NOT INCLUDED)

800F-X10		1N.O.
800F-X01		1N.C.
800F-X10E		1N.O. Early Make
800F-X01L		1N.C. Late Break
800F-X10V (1mA)		1N.O. QuadCONNECT™
800F-X01V (1mA)		1N.C. QuadCONNECT™
800F-X01S		1 Self-Monitoring™
800F-X01B		1N.C. Early Break
800F-Q10		1N.O. Spring Clamp
800F-Q01		1N.C. Spring Clamp



CONTACT BLOCK, BASE MOUNTED

800F-BX10		1N.O.
800F-BX01		1N.C.
800F-BX10E		1N.O. Early Make
800F-BX01L		1N.C. Late Break
800F-BX10V (1mA)		1N.O. QuadCONNECT™
800F-BX01V (1mA)		1N.C. QuadCONNECT™
800F-BQ10		1N.O. Spring Clamp
800F-BQ01		1N.C. Spring Clamp



INTEGRATED LED MODULE, SCREW TERMINATIONS (LATCH NOT INCLUDED)

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

* Add LED color; R = red, G = green, W = white



INTEGRATED LED MODULE, SPRING-CLAMP TERMINATIONS (LATCH NOT INCLUDED)

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



INTEGRATED LED BASE MOUNTED

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



PLASTIC LATCH

800F-ALP



METAL LATCH

800F-ALM



DIODE MODULE

For lamp
checking circuits
800F-XD7



NULL BLOCK

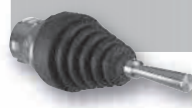
For wire
terminations only
800F-NX70

SPECIALTY OPERATORS



SELECTOR PUSH BUTTON OPERATORS

PLASTIC	METAL
● 800FP-SJ22	800FM-SJ22
● 800FP-SJ23	800FM-SJ23



TOGGLE SWITCH, MAINTAINED

METAL		METAL	
	2-Position 800FM-JM2		4-Position 800FM-JM4



PANEL MOUNT SOUNDER, 22 MM

12...24V AC/DC	240V AC
● 855P-B30SE22	● 855P-B20SE22



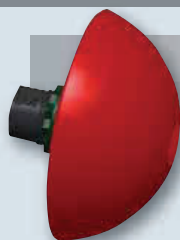
RESET PUSH BUTTON

LEGEND	PLASTIC	METAL
R	● 800FP-R611	800FM-R611
NONE	● 800FP-R6	800FM-R6



SINGLE TURN POTENTIOMETER

PLASTIC
● 800FP-POT



HALF-DOME, PUSH-PULL, NON-ILLUMINATED

PLASTIC	METAL
● 800FP-MP92	800FM-MP92
● 800FP-MP94	800FM-MP94
COMPLETE DEVICE	
1 S.M.C.B.	800FP-MP94PX01S
1 S.M.C.B. + 1 N.O.	800FP-MP94PX11S

ACCESSORIES

LEGEND PLATES



800F-11BE100
30 x 40 mm



800F-12WE100
30 x 50 mm

RESET ROD

PLASTIC	METAL
800F-ATR01	40 mm
800F-ATR04	85 mm
800F-ATR19	315 mm



E-STOP LEGEND

800F-15YS

WITCH OPERATORS



3 POSITION, NON-ILLUMINATED, MAINTAINED

PLASTIC	METAL
● 800FP-SM32	800FM-SM32



3 POSITION, NON-ILLUMINATED, SPRING RETURN FROM LEFT

PLASTIC	METAL
● 800FP-SL32	800FM-SL32



3 POSITION, NON-ILLUMINATED, SPRING RETURN FROM RIGHT

PLASTIC	METAL
● 800FP-SR32	800FM-SR32



3 POSITION, NON-ILLUMINATED, SPRING RETURN FROM BOTH

PLASTIC	METAL
● 800FP-SB32	800FM-SB32



KEY SELECTOR SWITCH, RONIS, 3 POSITION

PLASTIC	METAL
 800FP-KM31	800FM-KM31
 800FP-KM33	800FM-KM33
 800FP-KM34	800FM-KM34
 800FP-KB34	800FM-KB34
 800FP-KR35	800FM-KR35



4 POSITION, NON-ILLUMINATED, MAINTAINED

PLASTIC	METAL
● 800FP-SM42	800FM-SM42



3 POSITION, ILLUMINATED, MAINTAINED

PLASTIC	METAL
● 800FP-LSM30	800FM-LSM30
● 800FP-LSM33	800FM-LSM33
● 800FP-LSM34	800FM-LSM34
● 800FP-LSM35	800FM-LSM35
● 800FP-LSM36	800FM-LSM36
○ 800FP-LSM37	800FM-LSM37



3 POSITION, ILLUMINATED, SPRING RETURN FROM LEFT

PLASTIC	METAL
● 800FP-LSL30	800FM-LSL30
● 800FP-LSL33	800FM-LSL33
● 800FP-LSL34	800FM-LSL34
● 800FP-LSL35	800FM-LSL35
● 800FP-LSL36	800FM-LSL36
○ 800FP-LSL37	800FM-LSL37



3 POSITION, ILLUMINATED, SPRING RETURN FROM RIGHT

PLASTIC	METAL
● 800FP-LSR30	800FM-LSR30
● 800FP-LSR33	800FM-LSR33
● 800FP-LSR34	800FM-LSR34
● 800FP-LSR35	800FM-LSR35
● 800FP-LSR36	800FM-LSR36
○ 800FP-LSR37	800FM-LSR37



3 POSITION, ILLUMINATED, SPRING RETURN FROM BOTH

PLASTIC	METAL
● 800FP-LSB30	800FM-LSB30
● 800FP-LSB33	800FM-LSB33
● 800FP-LSB34	800FM-LSB34
● 800FP-LSB35	800FM-LSB35
● 800FP-LSB36	800FM-LSB36
○ 800FP-LSB37	800FM-LSB37

EMERGENCY STOP OPERATORS



E-STOP PUSH BUTTON, ILLUMINATED TWIST-TO-RELEASE, 40 MM MUSHROOM

PLASTIC	METAL
800FP-LMT44	800FM-LMT44

COMPLETE DEVICE

1 S.M.C.B. + 1LED	800FP-LMT44PN*RX01S	800FM-LMT44MN*RX01S
1 S.M.C.B. + 1 N.O. + 1LED	800FP-LMT44PN*RX11S	800FM-LMT44MN*RX11S

* Add Control Voltage 3 = 24V AC/DC, 5 = 120V AC, 7 = 240V AC



E-STOP PUSH BUTTON KEY RELEASE, 40 MM MUSHROOM

PLASTIC	METAL
800FP-MK44	800FM-MK44

COMPLETE DEVICE

1 S.M.C.B.	800FP-MK44PX01S	800FM-MK44MX01S
1 S.M.C.B. + 1 N.O.	800FP-MK44PX11S	800FM-MK44MX11S

ENCLOSURES



PLASTIC ENCLOSURES

HOLES	GRAY	YELLOW
1	800F-1P M	800F-1Y M
2	800F-2P M	800F-1Y MD
3	800F-3P M	
4	800F-4P M	
6	800F-6P M	

- ① Replace "M" with "P" for PG conduit/through holes instead of metric.
 ② Dual circuit contact blocks allowed.



ALUMINUM ENCLOSURES

HOLES	GRAY
1	800F-1M M
2	800F-2M M
3	800F-3M M
5	800F-5M M



ASSEMBLED E-STOP STATIONS

40 MM OPERATOR TYPE	CONTACT CONFIGURATION	YELLOW PLASTIC
Twist-to-Release	1 N.C.	800F-1Y M 1
	1 N.O. / 1 N.C.	800F-1Y M 2
	2 N.C.	800F-1Y M 3
Key Release	1 N.C.	800F-1Y M 4
	1 N.O. / 1 N.C.	800F-1Y M 5
	2 N.C.	800F-1Y M 6



PENDANT STATIONS

HOLES	YELLOW PLASTIC
1 in face	800F-P15
2 in face	800F-P25
1 in bottom	800F-P35
1 in face/ 1 in bottom	800F-P45
3 in face	800FC-3Z
5 in face	800FC-5Z
7 in face	800FC-7Z
9 in face	800FC-9Z

MONOLITHIC OPERATORS



PUSH BUTTON, NON-ILLUMINATED, MOMENTARY, FLUSH AND EXTENDED

	1 N.O. + 1 N.C.
FLUSH	EXTENDED
800FD-F1X11	800FD-E1X11
800FD-F2X11	800FD-E2X11
800FD-F3X11	800FD-E3X11
800FD-F4X11	800FD-E4X11
800FD-F5X11	800FD-E5X11
800FD-F6X11	800FD-E6X11



EMERGENCY-STOP/STOP NON-ILLUMINATED, 2-POSITION PUSH-PULL/TWIST-TO-RELEASE

CONTACTS	
1 N.C.	800FD-MT42X01
1 N.C.	800FD-MT43X01
1 N.C.	800FD-MT44X01
2 N.C.	800FD-MT44X02
1 N.C.	800FD-MT45X01
1 N.C.	800FD-MT46X01



PILOT LIGHT, LED

24V AC/DC	120V AC	240V AC
800FD-P0N3	800FD-P0N5	800FD-P0N7
800FD-P3N3	800FD-P3N5	800FD-P3N7
800FD-P4N3	800FD-P4N5	800FD-P4N7
800FD-P5N3	800FD-P5N5	800FD-P5N7
800FD-P6N3	800FD-P6N5	800FD-P6N7
800FD-P7N3	800FD-P7N5	800FD-P7N7



SELECTOR SWITCH, NON-ILLUMINATED, 2 POSITION, MAINTAINED

800FD-SM22X11
X X



SELECTOR SWITCH, NON-ILLUMINATED, 3 POSITION, MAINTAINED

800FD-SM32X20
X O X

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