30.5 mm Push Buttons
Push-Pull Operators

3-Position Push-Pull Devices, Non-Illuminated

Note: A jumbo or large legend plate is recommended, if space allows.

3-Position Push-Pull
Cat. No. 800T-FXM6A7

3-Position Push-Pull
Cat. No. 800H-FRXM6A7

Contact Type	Operator Position			Operator Position		
	Momentary	Maintained	Maintained	Momentary	Maintained	Momentary
	Out	Center	In	Out	Center	In
N.C.-	X	O	O	X	O	O
N.C.L.B.∗	X	X	O	X	X	O

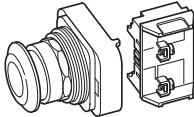| Button Color	Type 4/13	Type 4/4X/13	Type 4/13	Type 4/4X/13
	Push-Pull❋	Push-Pull❋	Push-Pull❋	Push-Pull❋
	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Red	**800T-FXM6A7**	**800H-FRXM6A7**	**800T-FXN6A7**	800H-FRXN6A7

Note: X = Closed/O = Open

∗ Normally closed late break contact. When button is pushed from the OUT to IN position, the mechanical detent action of the operator occurs before electrical contacts change state. When the button is pulled from the IN to the OUT position, the electrical contacts change state before the mechanical detent occurs.

❋ Devices with N.C.L.B. contacts meet EN ISO 13850 and IEC 60947-5-5 standards for emergency stop applications.

800	T		– FX	M	1	A7
	a	*b*	*c*	*d*	*e*	*f*

a

Protection Rating	
Code	Description
T	Metal, Type 4/13
H	Plastic, Type 4/4X/13

b

| Finger-Safe Guards	
Code	Description
Blank	No guards
C	Guards on terminals

c

Head Type❋		
800T Type 4/13	Description	800H Type 4/4X/13
Code		Code
FX	Mushroom head (push-pull)	FRX
FXC	90 mm anodized aluminum head (push-pull)	—
FXJ	Jumbo mushroom head (push-pull)	FRXJ
FXL	63 mm anodized aluminum head (push-pull)	—

d

Operator Function			
Code	Operator Position		
	Out	Center	In
M	Momentary	Maintained	Maintained
N	Momentary	Maintained	Momentary

e

Color Cap	
Code	Color
Blank	No cap‡
1	Green
2	Black
3	Orange
4	Grey
5	White
6	Red
7	Blue
9	Yellow

f

Contact Block(s)				
Code	Operator Position			Description
	Out	Ctr.	In	
Blank	—	—	—	No contacts
Standard				
A	O / X	O / O	X / O	1 N.O. - 1 N.C.
A1	O / X	O / X	X / O	1 N.O. - 1 N.C.L.B.
A7	X / X	O / X	O / O	1 N.C. - 1 N.C.L.B.
B6	X / X / X / X	O / X / O / X	O / O / O / O	2 N.C. - 2 N.C.L.B.
PenTUFF (Low Voltage)				
AV	O / X	O / O	X / O	1 N.O. - 1 N.C.

f (cont'd)

Contact Block(s)				
Code	Operator Position			Description
	Out	Ctr.	In	
Class 1, Div. 2/Zone 2				
Logic Reed				
AR	O / X	O / O	X / O	1 N.O. - 1 N.C.
Sealed Switch				
AP	O / X	O / O	X / O	1 N.O. - 1 N.C.
Stackable Sealed Switch				
AY	O / X	O / O	X / O	1 N.O. - 1 N.C.

Note: X = Closed/O = Open

❋ Devices with N.C.L.B. contacts meet EN ISO 13850 and IEC 60947-5-5 standards for emergency stop applications.

‡ Not valid with head Type J.

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

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Allen-Bradley