Original Instructions



30 mm Push Button Specifications

Bulletin Numbers 800T, 800H

Торіс	Page				
Specifications	3				
Standards Compliance and Certifications	4				
Contact Ratings					
Assembled Stations					
Emergency Stop Devices (Trigger Action)	7				
2-position — Non-illuminated	7				
2-position — Illuminated	8				
Push Button Devices	9				
Momentary Contact Devices — Non-illuminated	9				
Momentary Contact Devices — Illuminated	10				
Momentary Contact Devices with Two-color Molded Legend Caps — Non-illuminated	11				
Selector Switch Devices	13				
2-position — Non-illuminated	13				
2-position Cylinder Lock (Bulletin 800T Only) — Non-illuminated	14				
3-position — Non-illuminated	15				
3-position Cylinder Lock (Bulletin 800T Only) — Non-illuminated					
4-position — Non-illuminated	17				
4-position Cylinder Lock (Bulletin 800T Only) — Non-illuminated	18				
Cam Target Tables	19				
2-position Knob/Lever Type — Illuminated					
3-position Knob/Lever Type — Illuminated					
Pilot Light Devices	22				
Typical Pilot Light Wiring Diagrams	23				
Push-pull and Push-pull/Twist Release Devices	24				
2-position — Non-illuminated	24				
3-position — Non-illuminated	25				
2-position — Illuminated	26				
3-position — Illuminated	27				
Specialty Devices	28				
Potentiometer Devices	28				
Mechanically Interlocked Maintained Push Button Devices	29				
18 mm Small Pilot Lights Type 4/13, Class I, Division 2	29				
Cluster Pilot Light Devices (Bulletin 800T Only)	30				
1-, 2-, 3-, 4-way Toggle Switches (Bulletin 800T Only)	31				
Selector Push Button Devices (Bulletin 800T Only)	33				
Cylinder Lock Push Button Devices (Bulletin 800T only)	34				
Momentary Padlocking Mushroom Head Devices (Bulletin 800T only)	34				
Momentary Wobble Stick Push Button Devices (Bulletin 800T Type 13 only)	34				
Break-Glass Push Button Stations (Bul. 800T only)	36				

Topic	Page
	_
Custom-Built Stations/Enclosures	37
Accessories	39
Contact Blocks	39
Power Modules	43
Universal LED Module	43
Trigger Action E-stop Latches	43
Replacement Color Caps	44
Selector Switch Knobs — Illuminated	46
Selector Switches	46
Booted Selector Switch Knobs (800H only) — Non-illuminated	46
Protective Boots	47
Potentiometer Replacement Knobs	48
Push Buttons	48
Miscellaneous	49
Locking Attachments	. 50 😽
Guards	52
Replacement Lamps	53
Replacement Keys for Cylinder Lock 2-, 3-, and 4-position Selector Switches (Bulletin 800T only)	54
Replacement Keys for Push Button Switches with Cylinder Locks (Bulletin 800T only)	54
Legend Plates — Aluminum, Type 4/13 (Bulletin 800T)	55
Legend Plates - Plastic, Type 4/4X/13 (Bulletin 800H)	58
Approximate Dimensions	61
800H General-purpose Enclosures	74



3-position — Non-illuminated

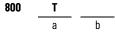
IMPORTANT A jumbo or large legend plate is recommended, if space allows.

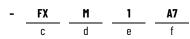


3-position Push-pull Cat. No. 800T-FXM6A7



3-position Push-pull Cat. No. 800H-FRXM6A7







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

b			
Fingersafe Guards			
Code Description			
Blank	No guards		
С	Guards on terminals		

	C					
800T Code	Description	800H Code				
FX	Mushroom head (push-pull)	FRX				
FXC	90 mm anodized aluminum head (push-pull) (1)	-				
FXJ	Jumbo mushroom head (push-pull)	FRXJ				
FXL	63 mm anodized aluminum head (push-pull) (2)	-				

d					
Operator Function					
	Оро	Operator Position			
Code					
	Out	Ctr.	In		
М	Momentary	Maintained	Maintained		
N	Momentary	Maintained	Momentary		

- (1) Head Type FXC only available in red and gold.(2) Head Type FXL only available in blue, red, and gold.

	е					
Ī	Color Cap					
Ī	Code	Description				
I	Blank	No cap ⁽¹⁾				
Ī	1 Green					
Ī	2	Black				
3 Orange		Orange				
Ī	4	Gray				
Ī	5	White				
Ī	6	Red				
Ī	7	Blue				
8 Gold		Gold				
Ī	9	Yellow				

	f				
	Contact Blocks				
	Opera				
Code				Description	
	Out	Ctr.	In		
Blank	ı	ı	1	No contacts	
		Sta	andard		
Α	0 X	0	X 0	1 N.O 1 N.C.	
A1	0 X	0 X	X 0	1 N.O 1 N.C.L.B.	
Α7	X X	0 X	0 0	1 N.C 1 N.C.L.B.	
B6	X X X	0 X 0 X	0 0 0	2 N.C 2 N.C.L.B.	

	f (cont'd)					
	(Contac	t Block	(S		
	Operator Position					
Code				Description		
	Out	Ctr.	In			
	PenT	UFF (L	ow Vol	tage)		
AV	0 X	0	X 0	1 N.O 1 N.C.		
Class	s I, Div	. 2 – Ex	plosio	n-protected		
AF	0 X	0	X 0	1 N.O 1 N.C.		
Class I, Div. 2 – Logic Reed						
AR	0 X	0	X 0	1 N.O 1 N.C.		
Class I, Div. 2 – Stackable Sealed Switch						
AY	0 X	0	X 0	1 N.O 1 N.C.		

X = Closed/0 = Open

(1) Only valid with Head Types FX and FRX.