

Bulletin 800T/H

30.5 mm Push Buttons

Push-Pull Operators

3-Position Push-Pull Devices, Illuminated



Illuminated 3-Position Push-Pull
Cat. No. 800T-FXMP16RA7



Illuminated 3-Position Push-Pull
Cat. No. 800H-FRXMP16A7

				Operator Position			Operator Position		
				Momentary	Maintained	Maintained	Momentary	Maintained	Momentary
Contacts				Out	Center	In	Out	Center	In
N.C.- N.C.L.B.*				X X	O X	O O	X X	O X	O O

Type	Lamp Type	Volts	Color	Type 4/13 Cat. No.†	Type 4/4X/13 Cat. No.†	Type 4/13 Cat. No.†	Type 4/4X/13 Cat. No.†
Operator Only*				800T-FXMS00X	800H-FRXMS00X	800T-FXNS00X	800H-FRXNS00X
Full Voltage	Incandescent	24V AC/DC	Red	800T-FXMQ24RA7	800H-FRXMQ24RA7	800T-FXNQ24RA7	800H-FRXNQ24RA7
	No Lamp	0...250V AC/DC	No Lens	800T-FXMQN25XA7	800H-FRXMQN25XA7	800T-FXNQN25XA7	800H-FRXNQN25XA7
Universal	LED	12...130V AC/DC	Red	800T-FXMQH2RA7	800H-FRXMQH2RA7	800T-FXNQH2RA7	800H-FRXNQH2RA7
Transformer	Incandescent	120V AC	Red	800T-FXMP16RA7	800H-FRXMP16RA7	800T-FXNP16RA7	800H-FRXNP16RA7
	LED	120V AC		800T-FXMPH16RA7	800H-FRXMPH16RA7	800T-FXNPH16RA7	800H-FRXNPH16RA7
	No Lamp	120V AC	No Lens	800T-FXMPN16XA7	800H-FRXMPN16XA7	800T-FXNPN16XA7	800H-FRXNPN16XA7

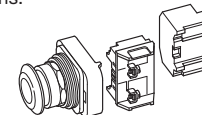
Note: X = Closed/O = Open

* 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.

* Operator only supplied without power module, lamp, lens cap, or contact blocks.

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

800 T – FX M PH 16 R A1
a b c d e f g h



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	FRX
FXJ	Jumbo mushroom	FRXJ

d

Operator Function			
Code	Operator Position		
M	Mom.	Main.	Main.
N	Mom.	Main.	Mom.

Mom. – Momentary, Main. – Maintained.

e

Illumination Options	
Transformer	
Code	Description
P	Incandescent
PH	LED
Full Voltage	
Q	Incandescent
QH	Universal LED
Dual Input	
D	Diode type
DT	Transformer — relay type
DTH	Transformer — relay LED

f

Voltage§	
Transformer	
Code	Description
16	120V AC 50/60 Hz
26	240V AC 50/60 Hz
Full Voltage	
24	24V AC/DC
10	120V AC/DC
20	240V AC/DC
Universal LED	
2	12...130V AC/DC
Dual Input	
16	120V AC
24	24V AC/DC▲

g

Color Cap	
Code	Color
X	No cap (not valid with head Type J)
A	Amber
B	Blue
C	Clear
G	Green
R	Red
W	White

Target			
Contact			
N.O.	O	O	X
N.C.	X	O	O
N.C.L.B.	X	X	O
Contact Blocks			
Code	Description		
Blank	No contacts on operator		
Standard			
A	1 N.O. - 1 N.C.		
A1	1 N.O. - 1 N.C.L.B.		
A7	1 N.C. - 1 N.C.L.B.		
PenTUFF (Low Voltage)			
AV	1 N.O. - 1 N.C.		
Class 1, Div. 2/Zone 2			
Logic Reed			
AR	1 N.O. - 1 N.C.		
Sealed Switch			
AP	1 N.O. - 1 N.C.		
Stackable Sealed Switch			
AY	1 N.O. - 1 N.C.		

§ See page 10-20 (Table f) for additional voltage code options.

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

* Diode type dual input provides circuit isolation via opposing diodes. Not recommended for use with solid-state outputs.

▲ Dual input diode only.