

Bulletin 800T/H
30.5 mm Push Buttons
 Pilot Lights

Pilot Light Units*



Transformer Type Pilot Light
 Cat. No. 800T-P16R



Push-to-Test Pilot Light
 Cat. No. 800T-PT16R

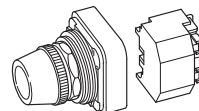
Type	Lamp Type	Volts	Color	Type 4/13		Type 4/4X/13		
				Pilot Light	Push-to-Test*	Pilot Light	Push-to-Test*	
				Cat. No.	Cat. No.	Cat. No.	Cat. No.	
Operator Only*				800T-S00	800T-SB00XX	800H-SR00	800H-SRB00XX	
Full Voltage†	Incandescent	24V AC/DC	Red	800T-Q24R	800T-QT24R	800H-QR24R	800H-QRT24R	
			Green	800T-Q24G	800T-QT24G	800H-QR24G	800H-QRT24G	
			Amber	800T-Q24A	800T-QT24A	800H-QR24A	800H-QRT24A	
	LED	120V AC only	Red	800T-QH10R	800T-QTH10R	800H-QRH10R	800H-QRTH10R	
			Green	800T-QH10G	800T-QTH10G	800H-QRH10G	800H-QRTH10G	
			Amber	800T-QH10A	800T-QTH10A	800H-QRH10A	800H-QRTH10A	
		24V AC/DC	Red	800T-QH24R	800T-QTH24R	800H-QRH24R	800H-QRTH24R	
			Green	800T-QH24G	800T-QTH24G	800H-QRH24G	800H-QRTH24G	
			Amber	800T-QH24A	800T-QTH24A	800H-QRH24A	800H-QRTH24A	
	No Lamp	0...250V AC/DC	No Lens	800T-QN25	800T-QTN25	—	—	
	Transformer‡	Incandescent	120V AC, 50/60 Hz	Red	800T-P16R	800T-PT16R	800H-PR16R	800H-PRT16R
				Green	800T-P16G	800T-PT16G	800H-PR16G	800H-PRT16G
Amber				800T-P16A	800T-PT16A	800H-PR16A	800H-PRT16A	
LED		Red		800T-PH16R	800T-PTH16R	800H-PRH16R	800H-PRTH16R	
		Green		800T-PH16G	800T-PTH16G	800H-PRH16G	800H-PRTH16G	
		Amber		800T-PH16A	800T-PTH16A	800H-PRH16A	800H-PRTH16A	
No Lamp		—		No Lens	800T-PN16	800T-PTN16	—	—

* Includes one standard Cat. No. 800T-XA (1 N.O. - 1 N.C.) contact block. For typical pilot light wiring diagrams, see page 10-63.

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

† All pilot lights except push-to-test without sealed contacts and dual input transformer relay, are rated for Class 1, Division 2 applications.

800 **T** **Q** **T** **24** **G** **AR** (Push-to-Test)
 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

Power Module Type		
800T Type 4/13	Description	800H Type 4/4X/13
Code		Code
P	Transformer (or Dual Input)	PR
Q	Full Voltage (or Resistor)	QR
R	Neon§	RR

d

Lamp Test Options	
Code	Description
Blank	No Test Option
T	Push-to-Test
D	Dual Input — Diode*
DT	Dual Input — Transformer Relay

Note: Push-to-Test supplied with factory jumpered Contact Block.

e

Illumination Options	
Transformer/Full Voltage	
Code	Description
Blank	Incandescent
F	Flashing Incandescent ▶
H	LED‡
Resistor/Neon	
Blank	No Options
Dual Input	
Blank	Incandescent
H	LED‡

f

Voltage	
Transformer	
Code	Description
36	48V AC 50/60 Hz
16	120V AC 50/60 Hz
26	240V AC 50/60 Hz
76	277V AC 50/60 Hz
46	480V AC 50/60 Hz
56	600V AC 50/60 Hz
Full Voltage	
06	6V AC/DC
12	12V AC/DC
24	24V AC/DC
32	32V AC/DC †
48	48V AC/DC
10	120V AC/DC ‡
13	130V AC/DC †
20	240V AC/DC †
Resistor	
11	120V AC/DC Resistor
Neon	
10	120V AC/DC
20	240V AC/DC
Dual Input	
16	120V AC
24	24V AC/DC (Dual input diode only)

g

Lens Color		
Code	Color	Glass Code ▲
Blank	No Lens	Blank
A	Amber	D
B	Blue	E
C	Clear	F
G	Green	H
R	Red	J
W	White	K

h

Contact Blocks (Push-to-test units only)	
Code	Description
Standard	
Blank	1 N.O. - 1 N.C.
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.

§ Neon is only available in amber or clear.

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

▶ Flashing lamps are only available in 6V and all transformer units.

‡ LEDs available in red, green, amber, blue, and white. White LEDs only available in 6V, 24V, 120V, and 130V full voltage and all transformer units. LED color matches lens color, except clear lens supplied with white LED and white lens supplied with amber LED. All LEDs except 120V have an internal shunt resistor for use with solid-state outputs.

† 32V and 130V are LED only. 240V is incandescent only.

‡ 120V LED is AC only and does not contain internal shunt resistor. For AC/DC and internal shunt resistor, order 130V AC/DC LED (Code 13).

▲ Glass lens available on 800T pilot lights only. Not available on push-to-test units.

Replacement Color Caps

Color caps listed below are for field replacement on installed devices or for completion of devices ordered with color caps omitted.



Push-Pull



Push-Pull/Twist



Push-Pull Jumbo



Push-Pull/Twist Jumbo

Push-Pull Color Caps, Illuminated

Color	800T Push-Pull	800H Push-Pull	800T/H Push-Pull/Twist	800T/H Push-Pull Jumbo	800T/H Push-Pull/Twist Jumbo
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Amber	800T-N159A	800H-N112A	800T-N301A	800T-N209A	800T-N306A
Blue	800T-N159B	800H-N112B	800T-N301B	800T-N209B	800T-N306B
Clear	800T-N159C	800H-N112C	800T-N301C	800T-N209C	800T-N306C
Green	800T-N159G	800H-N112G	800T-N301G	800T-N209G	800T-N306G
Red	800T-N159R	800H-N112R	800T-N301R	800T-N209R	800T-N306R
White	800T-N159W	800H-N112W	800T-N301W	800T-N209W	800T-N306W



Illuminated Mushroom



Illuminated Jumbo Mushroom



Standard



Push-to-Test



Glass Caps for Pilot Lights

Color	800T/H Push Button Color Caps, Illuminated		800T/H Pilot Light Color Caps			Glass Caps for 800T Pilot Lights
	Mushroom	Jumbo Mushroom	Standard*	Push-to-Test*	18 mm	
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	
Amber	800T-N304A	800T-N305A	800T-N26A	800T-N42	800T-N122A	800T-N22
Blue	800T-N304B	800T-N305B	800T-N26B	800T-N43	800T-N122B	800T-N23
Clear	800T-N304C	800T-N305C	800T-N26C	800T-N45	800T-N122C	800T-N25
Green	800T-N304G	800T-N305G	800T-N26G	800T-N41	800T-N122G	800T-N21
Red	800T-N304R	800T-N305R	800T-N26R	800T-N40	800T-N122R	800T-N20
White	800T-N304W	800T-N305W	800T-N26W	800T-N44	800T-N122W	800T-N24

* Available in bulk quantities of 20. Add suffix (-BP) to the cat. no. and order in multiples of 20.



Plastic Mushroom



Plastic Jumbo Mushroom



Padlocking Metal Mushroom



Metal Jumbo Mushroom




Push Button Color Caps, Non-Illuminated

Button Color	800T Plastic Mushroom	800H Plastic Mushroom	800T Plastic Jumbo Mushroom	800H Plastic Jumbo Mushroom	800T Padlocking Metal Mushroom	800T Metal Jumbo Mushroom*
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Red	800T-N246R	800H-N114A	800T-N247R	800H-N115A	800T-N311R	800T-N248R
Green	800T-N246G	800H-N114B	800T-N247G	800H-N115B	800T-N311G	800T-N248G
Black	800T-N246B	800H-N114H	800T-N247B	800H-N115H	800T-N311B	800T-N248B
Orange	800T-N246O	800H-N114F	800T-N247O	800H-N115F	800T-N311O	800T-N248O
Gray	800T-N246GR	800H-N114G	800T-N247GR	800H-N115G	800T-N311GR	800T-N248GR
Blue	800T-N246BL	800H-N114C	800T-N247BL	800H-N115C	800T-N311BL	800T-N248BL
Yellow	800T-N246Y	800H-N114E	800T-N247Y	800H-N115E	800T-N311Y	800T-N248Y
Natural	—	—	—	—	—	800T-N248
White	800T-N246W	800H-N114L	—	800H-N115L	—	—



* For padlocking jumbo mushroom style, change listed cat. no. from **248** to **313**.

Replacement Lamps



Pilot Lights, Illuminated Push Buttons, Illuminated Push-Pull, Illuminated Push-Pull/Twist to Release

Lamp	Type	Current, Typical	Lamp Voltage	ANSI No.	Cat. No.
	Full Voltage Transformer	150 mA/250 mA	6.3V AC	755/1866	* 800T-N65
	Full Voltage	80 mA	14V AC/DC	756	* 800T-N141
		70 mA	24V AC/DC	757	* 800T-N157
		50 mA	48V AC/DC	1835	* 800T-N365
	Full Voltage Resistor	22 mA	120V AC/DC	949	* 800T-N169
	Flashing	150 mA	6V AC/DC	267	* 800T-N212
	Dual Input Diode	57 mA	24V AC/DC	24MB	* 800T-N180
21 mA		120V AC	90MB	* 800T-N261	
Neon 	—	2 mA	120V AC/DC	B2A	609-N9
Lamp	Type	Current, Typical*	Lamp Voltage	Leakage Current	Cat. No.§
	Full Voltage	13 mA/22 mA	12V AC/DC	3 mA	800T-N362x
		13 mA/21 mA	24V AC/DC	3 mA	800T-N319x
		12 mA/17 mA	32V AC/DC	3 mA	800T-N363x
		9 mA/14 mA	48V AC/DC	3 mA	800T-N364x
		3.3 mA/6 mA	120V AC	—	800T-N320x
		4.5 mA/6.2 mA	130V AC/DC	3 mA	800T-N321x
	Transformer	50 mA	6V AC	14 mA	800T-N318x
	Flashing	18 mA	24V AC/DC	—	* 800T-N319Fx

Illuminated Selector Switches

Lamp	Type	Current, Typical	Lamp Voltage	ANSI No.	Cat. No.*
	Full Voltage Transformer	150 mA/250 mA	6.3V AC	755/1866	800T-N65
	Full Voltage	80 mA	14V AC/DC	756	800T-N141
		70 mA	24V AC/DC	757	800T-N157
Lamp	Type	Current, Typical*	Lamp Voltage	Leakage Current	Cat. No.§
	Full Voltage	13 mA/22 mA	12V AC/DC	3 mA	800T-N362x
		13 mA/21 mA	24V AC/DC	3 mA	800T-N319x
		12 mA/17 mA	32V AC/DC	3 mA	800T-N363x
		9 mA/14 mA	48V AC/DC	3 mA	800T-N364x
		3.3 mA/6 mA	120V AC	—	800T-N320x
		4.5 mA/6.2 mA	130V AC/DC	3 mA	800T-N321x
		14 mA/48 mA	6V AC	14 mA	800T-N318x
	Flashing	18 mA	24V AC/DC	—	* 800T-N319Fx

Cluster Pilot Lights

Lamp	Type	Current, Typical	Lamp Voltage	ANSI No.	Cat. No.*
	Full Voltage Transformer	195 mA	6V AC/DC	381	800T-N258
	Full Voltage	73 mA	12V AC/DC	382	800T-N259
		37 mA	24V AC/DC	387	800T-N260
Lamp	Type	Current, Typical	Lamp Voltage	Polarity	Cat. No.>
	Full Voltage Transformer	45 mA	6V AC/DC	Positive	800T-N340x
	Full Voltage	36 mA	12V AC/DC	Positive	800T-N341x
		14 mA	28V AC/DC	Bi-Polar	800T-N80x

* Item is sold in multiples of 5. Order quantity of 5 to receive package of 5 pieces.

* Typical current draw varies with LED color. The first mA value is for a green or blue LED and the second mA value is for a red or amber LED.

‡ All LEDs except 120V have an internal shunt resistor for use with solid-state outputs. LEDs will not illuminate below listed leakage current.

§ To complete the cat. no. replace the x with the first letter of the desired color: **Amber, Green, Red, Blue, or White.** White LEDs only available in 6, 24, 120, and 130V.

* Flashing rate is 2 Hz.

> To complete the cat. no., replace the x with the first letter of the desired color: **Amber, Green, or Red** only.