XP Series Sealed Pushbutton

Contents

6

Product Description

Eaton's Vehicle Control business is pleased to offer our newest line of sealed pushbutton switches with multiple color options for ease of application identification.

These pushbuttons are available in a standard circuit: OFF—ON (Momentary).

Included with each switch is the necessary mounting hardware as well as a rubber panel seal gasket.

Application Description

- Lawn and garden equipment
- Industrial and commercial equipment
- Fire trucks and safety vehicles
- Light recreational vehicles

Features

- Mounting hardware included (packaged separately)
  - 5/8 inch internal toothed lock-washer
  - 5/8-24 UNEF-28 panel nut
  - Rubber panel seal gasket

Standards and Certifications

- UL Recognition at 6 A, 125 Vac, and 3 A, 250 Vac
- RoHS Compliant [1]

N® **RoHS** COMPLIANT

Note

[1] Visit www.eaton.com/vcbu for the most up-to-date list of verified part numbers.
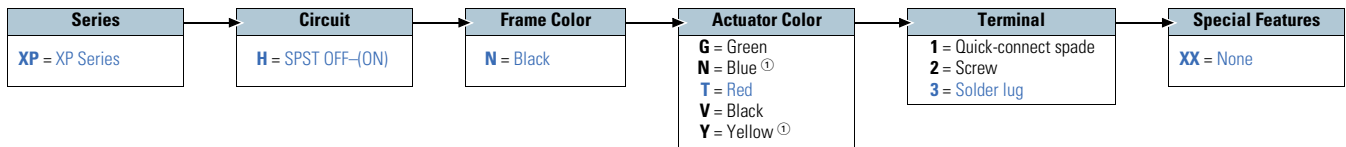
6

XP Series Sealed Pushbuttons

Catalog Number Selection

How To Order—XP Series Sealed Pushbuttons

To determine complete catalog number, start with the appropriate series and add the appropriate code letters and/or numbers.

Example: **XP H N T 3 XX**

Series	Circuit	Frame Color	Actuator Color	Terminal	Special Features
XP = XP Series	**H** = SPST OFF–(ON)	**N** = Black	**G** = Green **N** = Blue ① **T** = Red **V** = Black **Y** = Yellow ①	**1** = Quick-connect spade **2** = Screw **3** = Solder lug	**XX** = None

① Contact your local sales representative for price, MOQ and lead-time for yellow and blue version actuator colors.

Mounting hardware included (packaged separately)

• Panel nut, internal toothed lock-washer, rubber panel seal gasket

Technical Data and Specifications

XP Series Sealed Pushbuttons

Description	Specification
Sealed level	IP64
Ratings	3 A: 250 Vac; 6 A: 125 Vac; 10 A: 12 Vdc, 28 Vdc
Mechanical life	1,000,000
Electrical life	25,000
Termination	Solder lugs, screw (M2 X 4), spade (0.189 inch quick-connect)
Operating temperature	−25 °C to 85 °C

Dimensions

Approximate Dimensions in mm [Inches]

XP Series Sealed Pushbuttons

Ø18.5 ± 0.3
[0.728 ± 0.012]

Ø26.5 ± 0.3
[1.043 ± 0.012]

12.7 ± 0.5
[0.500 ± 0.020]

2.8 ± 0.5
[0.111 ± 0.020]

31.4
[1.236]

18.7 ± 0.5
[0.736 ± 0.020]

11.0 ± 1.0
[0.433 ± 0.039]

5.8 ± 1.0
[0.229 ± 0.039]

0.8 ± 0.1
[0.031 ± 0.004]

Solder Lug Version

Ø2.25 ± 0.20
[Ø0.089 ± 0.008]

14.0 ± 0.3
[0.551 ± 0.012]

4.8 ± 0.10
[0.189 ± 0.004]

Mounting Hole

Ø16.4 ± 0.1
[Ø0.647 ± 0.004]

Thickness 1.5–5.0 mm

1.00 ± 0.20
[0.039 ± 0.007]

Rubber Panel Seal Gasket

9.5 ± 0.5
[0.374 ± 0.020]

M2 x 4

M2 Screw Terminal Version

9.5 ± 0.5
[0.374 ± 0.020]

Quick-Connect Version