



Product Description

The HT800 Series from Eaton's Electrical Sector is a family of 30.5 mm pushbutton devices which includes momentary, illuminated and mushroom head pushbuttons, selector switches, indicating lights and push-pull switches. The HT800 devices have a familiar appearance found in most industrial applications and are suitable for replacement of several other manufacturers' 30.5 mm pushbutton devices.

Features

- Anodized aluminum mounting rings
- Watertight double V-gasket seals
- Extended height bulbs
- Transparent housing contact blocks
- Color-coded contact blocks
- Gold-plated contacts (on low voltage contact block)
- Reliability ridge on movable contact
- Stackable screw-mounted contact blocks
- Contact blocks can be mounted in left/right or top/bottom positions
- Standard NC contact opens before NO contact closes (break before make operation)
- Bright and long lasting LED indicating lights in six colors
- Field convertible maintained selector switches—from two- to three-position and vice versa
- Field selectable knob/lever mounting positions—at any 22.5° increment

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Benefits

- Corrosion resistant NEMA 4X finish
- Watertight and oiltight NEMA 4, 13 ingress protection
- Increased side illumination of indicating lights and illuminated pushbuttons
- Easy visual inspection of contact conditions
- Easily identifiable NO (white) or NC (black) contact blocks
- Gold-plated contacts suitable for logic level circuits
- Reliability ridge penetrates contamination buildup on stationary contacts
- Left/right or top/bottom mounted contact blocks allow correct positioning in retrofit applications
- All-purpose selector switches are convertible and can rotate in 22.5° increments to suit panel layouts

Standards and Certifications

- UL508 per File No. E131568
- CSA C22.2 No. 14 per File No. LR68551



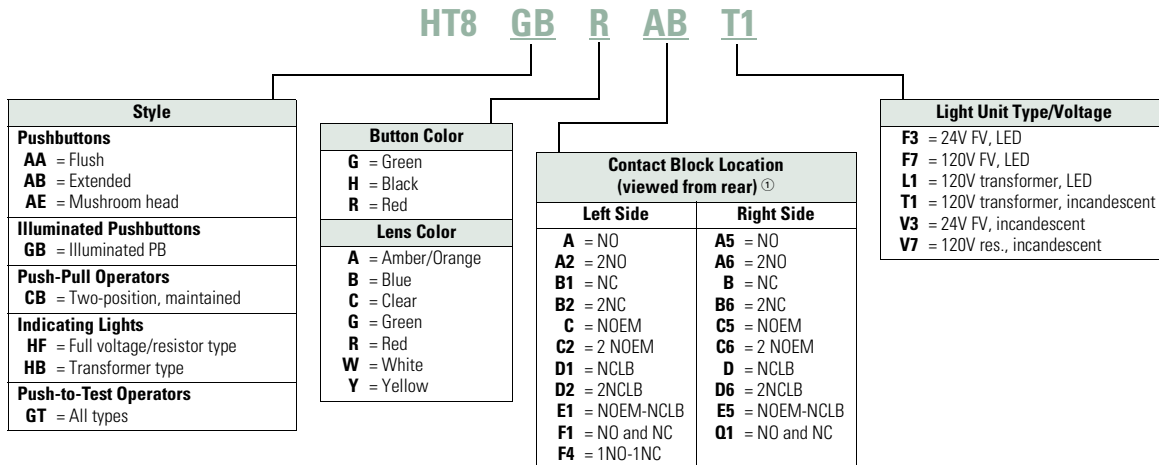
Ingress Protection

- UL (NEMA) Type 1, 2, 3, 3R, 4, 4X, 12 and 13 when mounted in similarly rated enclosures

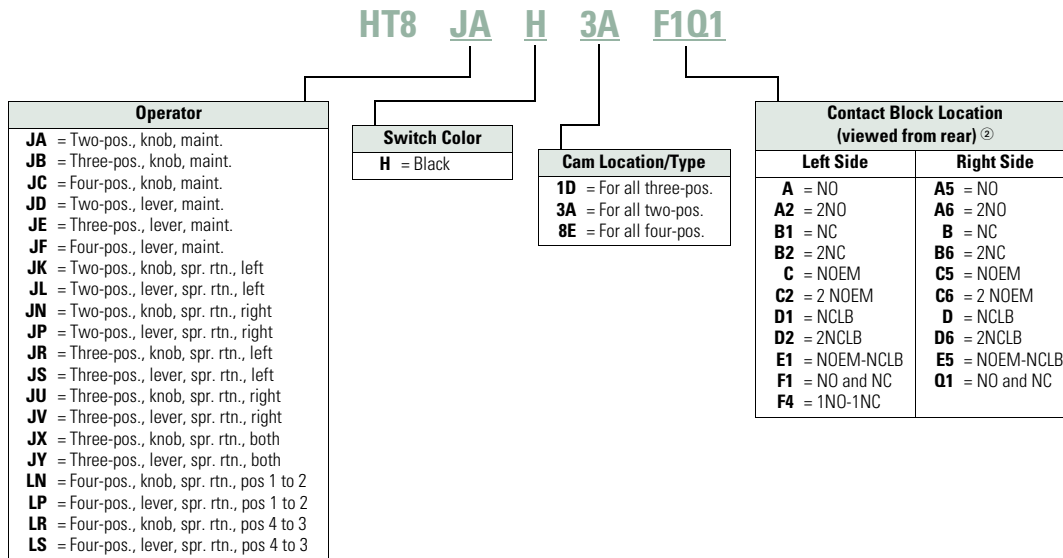
Catalog Number Selection

Catalog Number Selection is for illustrative purposes only and not to be used to create new catalog numbers.

HT800 Pushbuttons, Push-Pulls and Indicating Lights



HT800 Selector Switch



Notes

- ① Maximum of four contact blocks per side or a total of eight contact blocks recommended.
- ② Maximum of two contact blocks per side or a total of four contact blocks recommended.

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Product Selection**Momentary Pushbutton Units, Non-Illuminated**

UL (NEMA) Type 3, 3R, 4, 4X, 12 and 13

- Flush, extended or 40 mm mushroom head operators

HT800 Pushbuttons**HT800 Pushbuttons—Point-of-Purchase Units**

Description	Catalog Number
Two-position maintained selector switch 1NO/1NC contact block, three square legend plates: OFF ON, MAN. AUTO, UP DOWN	HT8JAH3AAB-POP
Three-position maintained selector switch, black knob, 1NO/1NC contact block, three square legend plates: HAND OFF AUTO, FOR. OFF REV., OPEN OFF CLOSE	HT8JBH1DAB-POP
Three-position selector switch, spring return from left and right, black knob, 1NO/1NC contact block, three square legend plates: UP OFF DOWN, FOR OFF REV., OPEN OFF CLOSE	HT8JXH1DAB-POP
Red push-pull emergency stop, 1NO/1NC contact block, three square legend plates: STOP, EMERG. STOP, OFF	HT8CBRAB-POP
Illuminated push-pull maintained red pushbutton, 120V full voltage low profile LED, three square legend plates: STOP, EMERG. STOP, OFF	HT8FBRABFL7-POP
Illuminated push-pull maintained red pushbutton, 24V full voltage low profile LED, three square legend plates: STOP, EMERG. STOP, OFF	HT8FBRABFL3-POP
Green flush pushbutton, 1NO/1NC contact block, three square legend plates: START, ON, RUN	HT8AAGAB-POP
Black flush pushbutton, 1NO/1NC contact block, three square legend plates: RESET, JOG, OPEN	HT8AAHAB-POP
Red flush pushbutton, 1NO/1NC contact block, three square legend plates: STOP, CLOSE, OFF	HT8AARAB-POP
Red extended pushbutton, 1NO/1NC contact block, three square legend plates: STOP, CLOSE, OFF	HT8ABRAB-POP
Black extended pushbutton, 1NO/1NC contact block, three square legend plates: RESET, JOG, OPEN	HT8ABHAB-POP
Green extended pushbutton, 1NO/1NC contact block, three square legend plates: START, ON, RUN	HT8ABGAB-POP
Illuminated green pushbutton, 120 V full voltage incandescent, 1NO/1NC contact block, three square legend plates: START, ON, RUN	HT8GBGABV7-POP
Illuminated green pushbutton, 24 V full voltage incandescent, 1NO/1NC contact block, three square legend plates: START, ON, RUN	HT8GBGABV3-POP
Illuminated green pushbutton, 24 V full voltage LED, 1NO/1NC contact block, three square legend plates: START, ON, RUN	HT8GBGABF3-POP
Illuminated green pushbutton, 120 V full voltage LED, 1NO/1NC contact block, three square legend plates: START, ON, RUN	HT8GBGABF7-POP