



Cutler-Hammer

HT800 30mm Guarded Flush Pushbuttons

[HT8GDRV3](#)[HT8GDGV3](#)[HT8GDAV3](#)[HT8GDCV3](#)[HT8GDWV3](#)[HT8GDYV3](#)[HT8GDBV3](#)

HT800 30mm Guarded Flush Pushbuttons								
Contact Configuration	24 Volt AC/DC Incandescent Full Voltage Lamp 50mA @ 24 Volts	Price	120 Volt AC/DC Incandescent Full Voltage Lamp 19mA @ 120 Volts	Price	24 Volt LED Full Voltage Lamp	Price	120 Volt LED Full Voltage Lamp	Price
Red Lens								
Operator only	HT8GDRV3	\$00d7c:	HT8GDRV7	\$00d7d:	HT8GDRF3	\$00d6a:	HT8GDRF7	\$00d6b:
1 N.O.	*HT8GDRAV3	\$00d78:	*HT8GDRAV7	\$00d79:	*HT8GDRAF3	\$00d66:	*HT8GDRAF7	\$00d67:
1 N.C.	*HT8GDRBV3	\$00d7a:	*HT8GDRBV7	\$00d7b:	*HT8GDRBF3	\$00d68:	*HT8GDRBF7	\$00d69:
Green Lens								
Operator only	HT8GDGV3	\$00d76:	HT8GDGV7	\$00d77:	HT8GDGF3	\$00d64:	HT8GDGF7	\$00d65:
1 N.O.	*HT8GDGAV3	\$00d72:	*HT8GDGAV7	\$00d73:	*HT8GDGAF3	\$00d60:	*HT8GDGAF7	\$00d61:
1 N.C.	*HT8GDGBV3	\$00d74:	*HT8GDGBV7	\$00d75:	*HT8GDGBF3	\$00d62:	*HT8GDGBF7	\$00d63:
Amber Lens								
Operator only	HT8GDAV3	\$00d6u:	HT8GDAV7	\$00d6v:	HT8GDAF3	\$00d48:	HT8GDAF7	\$00d49:
1 N.O.	*HT8GDAAV3	\$00d6p:	*HT8GDAAV7	\$00d6q:	*HT8GDAAF3	\$00d44:	*HT8GDAAF7	\$00d45:
1 N.C.	*HT8GDABV3	\$00d6s:	*HT8GDABV7	\$00d6t:	*HT8GDABF3	\$00d46:	*HT8GDABF7	\$00d47:
Clear Lens								
Operator only	HT8GDCV3	\$00d70:	HT8GDCV7	\$00d71:	HT8GDCF3	\$00d57:	HT8GDCF7	\$00d58:
1 N.O.	*HT8GDCAV3	\$00d6#:	*HT8GDCAV7	\$00d6!:	*HT8GDCAF3	\$00d4g:	*HT8GDCAF7	\$00d4h:
1 N.C.	*HT8GDCBV3	\$00d6?:	*HT8GDCBV7	\$00d6,:	*HT8GDCBF3	\$00d4i:	*HT8GDCBF7	\$00d4j:
White Lens								
Operator only	HT8GDWV3	\$00d7i:	HT8GDWV7	\$00d7j:	HT8GDWF3	\$00d6g:	HT8GDWF7	\$00d6h:
1 N.O.	*HT8GDWAV3	\$00d7e:	*HT8GDWAV7	\$00d7f:	*HT8GDWAF3	\$00d6c:	*HT8GDWAF7	\$00d6d:
1 N.C.	*HT8GDWBV3	\$00d7g:	*HT8GDWBV7	\$00d7h:	*HT8GDWBF3	\$00d6e:	*HT8GDWBF7	\$00d6f:
Yellow Lens								
Operator only	HT8GDYV3	\$00d7p:	HT8GDYV7	\$00d7q:	HT8GDYF3	\$00d6n:	HT8GDYF7	\$00d6o:
1 N.O.	*HT8GDYAV3	\$00d7k:	*HT8GDYAV7	\$00d7l:	*HT8GDYAF3	\$00d6i:	*HT8GDYAF7	\$00d6j:
1 N.C.	*HT8GDYBV3	\$00d7n:	*HT8GDYBV7	\$00d7o:	*HT8GDYBF3	\$00d6k:	*HT8GDYBF7	\$00d6l:
Blue Lens								
Operator only	HT8GDBV3	\$00d6f:	HT8GDBV7	\$00d6_:	HT8GDBF3	\$00d4e:	HT8GDBF7	\$00d4f:
1 N.O.	*HT8GDBAV3	\$00d6x:	*HT8GDBAV7	\$00d6y:	*HT8GDBAF3	\$00d4a:	*HT8GDBAF7	\$00d4b:
1 N.C.	*HT8GDBBV3	\$00d6z:	*HT8GDBBV7	\$00d6j:	*HT8GDBBF3	\$00d4c:	*HT8GDBBF7	\$00d4d:
Spare Incandescent and LED Lamps For HT8 Series - starting Prices								
	HT8BULBV3	\$0eap:	HT8BULBV7	\$0eag:	HT8LED**F3	\$0e8#:	HT8LED**F7	\$0e8!:
30mm Guard for Illuminated Pushbuttons								
HT8A15								\$06u9:

See HT800 accessories in this section.

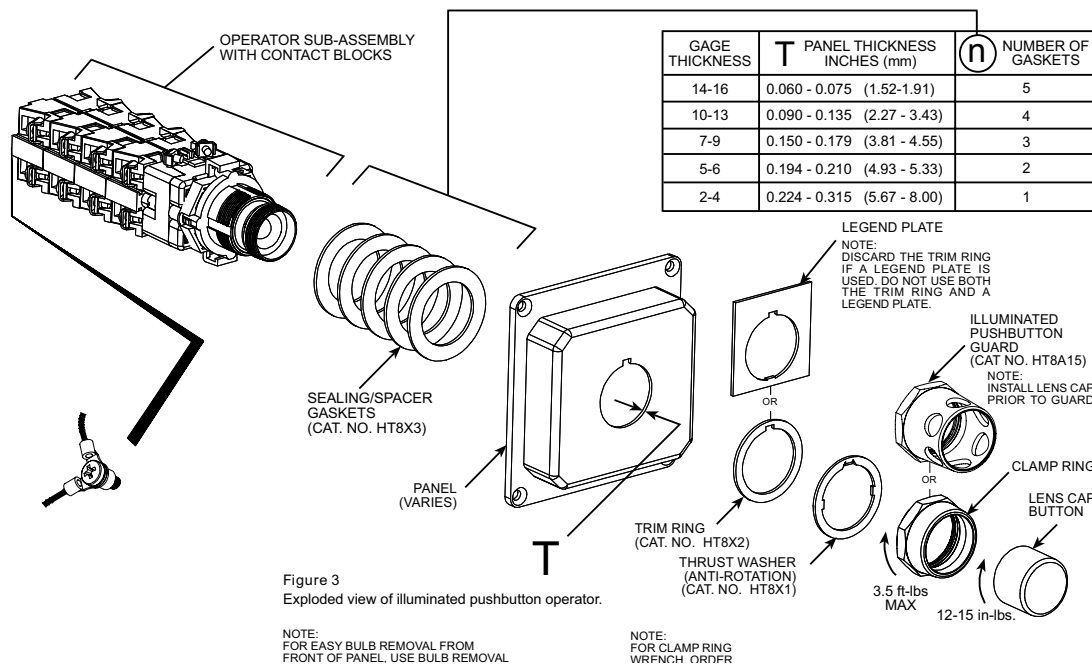
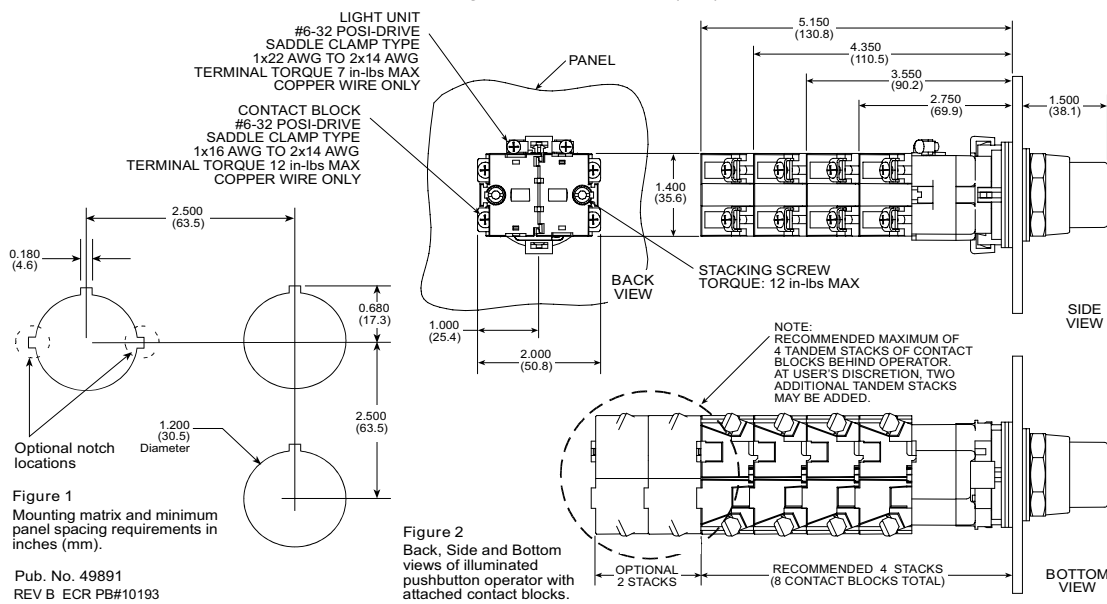
Notes: A grounding kit is included with each operator or switch assembly.

* Part numbers with an * are kitted from individual components at AutomationDirect. The individual components are picked and shipped in the same shipping box. Final assembly of the individual components must be done by the customer. Lens not sold separately.

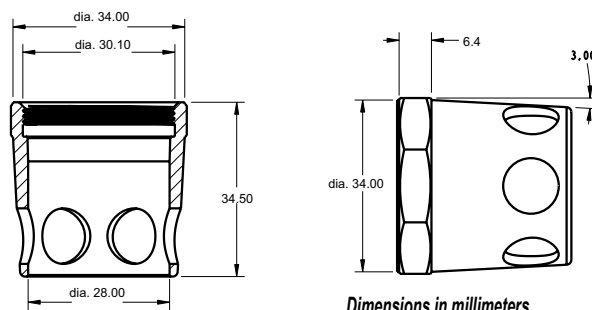
**Insert letter of color bulb needed; for example, HT8LEDYF3 is the part number for a yellow 24 volt LED replacement bulb. See the accessories page at the end of this section for the complete listing of LED replacement bulbs.

HT800 30mm Guarded Flush Pushbuttons

30.5 mm Pushbutton Installation and Mounting Instructions - inches (mm)



Guard dimensions





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HT800 30mm Contact Blocks & Accessories

Contact blocks

**HT8A****HT8B**

HT8 Series Contact Blocks		
Part Number	Description	Price
HT8A	Normally open contact block for HT8 series switches. NEMA Rated A600, P6001	\$0d7s:
HT8B	Normally closed contact block for HT8 series switches. NEMA Rated A600, P6001	\$;0d7t:
HT8C	Early closing normally open contact block for HT8 series switches. NEMA Rated A6001	\$0d7u:
HT8D	Late opening normally closed contact block for HT8 series switches. NEMA Rated A6001	\$0d7v:
HT8E	Logic level normally open contact block for HT8 series switches. Gold plated contacts for reliable low energy switching. Power Rating: Min 1mA @ 5V; Max 500mA 28V.	\$0d7x:

Notes

1. See HT800 specifications in this section for typical contact wiring diagram.
2. NEMA ICS 5-2000. For more information, refer to HT800 technical specifications and control circuit contact electrical ratings at the beginning of this section.

Spare parts and tools

**HT8WRENCH****HT8LAMPTOOL****109305****HT8BULBV3****HT8LEDYF3**

HT8 Series Spare Parts and Tools		
Part Number	Description	Price
HT8WRENCH	Installation wrench for Cutler-Hammer HT8 series and E22 series pushbuttons, switches, and indicators	\$04#5:
HT8LAMPTOOL	Bulb extraction tool for removing bulbs from switches, indicators and stacklights	\$0551:
109305	Knockout punch hole cutting tool for 30.5 mm mounting hole. Includes punch, die and draw stud	\$;0cfq:
HT8X1	Spare anti-rotation ring for HT8 series. Included with each HT8 device. (not shown)	\$6ua:
HT8X2	Spare trim ring for HT8 series. Included with each HT8 device. (not shown)	\$6ub:
HT8X3	Spare sealing/spacing ring for HT8 series. Included with each HT8 device. (not shown)	\$6uc:
HT8GR1	Spare grounding kit for HT8 series devices except non-PTT indicators. Included with each HT8 device. (not shown)	\$;6u[:
HT8GR2	Spare grounding kit for HT8 series non-PTT indicators. Included with each HT8 device. (not shown)	\$6u_:
HT8BULBV3	24 volt incandescent bulb for HT8 illuminated devices. This is an extended bulb for enhanced illumination with HT8 devices. 50mA at 24 volts.	\$0eap:
HT8BULBV7	120 volt incandescent bulb for HT8 illuminated devices. This is an extended bulb for enhanced illumination with HT8 devices. 19mA at 120 volts.	\$0eaq:
HT8LEDRF3	24 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Red	\$0e92:
HT8LEDYF3	24 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Yellow	\$0e96:
HT8LEDGF3	24 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Green	\$0e90:
HT8LEDBF3	24 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Blue	\$0e8?:
HT8LEDWF3	24 volt replacement LED bulb for HT800 30mm pushbuttons. Color: White	\$0e94:
HT8LEDAF3	24 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Amber	\$0e8#:
HT8LEDRF7	120 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Red	\$0e93:
HT8LEDYF7	120 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Yellow	\$0e97:
HT8LEDGF7	120 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Green	\$0e91:
HT8LEDBF7	120 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Blue	\$;0e8,:
HT8LEDWF7	120 volt replacement LED bulb for HT800 30mm pushbuttons. Color: White	\$0e95:
HT8LEDAF7	120 volt replacement LED bulb for HT800 30mm pushbuttons. Color: Amber	\$;0e8!:

NOTE: LED modules have very low current draw and should not be used with triac output devices like PLC triac output modules.

EATON 30mm Legend Plates

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For Pushbutton Operators and Indicating Lights

Legend	Color of Field	Catalog Number	Price
Clamp	Black	HT8SP90	\$d9c:
Close	Black	HT8SP73	\$d87:
Down	Black	HT8SP74	\$;d8,:
Emergency Stop	Red	HT8SP13	\$d7_:
Fast	Black	HT8SP75	\$d90:
Faster	Black	HT8SP87	\$d9a:
Feeder On	Black	HT8SP94	\$d9g:
Feeder Off	Black	HT8SP95	\$d9h:
Forward	Black	HT8SP15	\$d7#:
High	Black	HT8SP16	\$;d7!:
In	Black	HT8SP17	\$d7?:
Inch	Black	HT8SP18	\$;d7,:
Jog	Black	HT8SP19	\$d80:
Jog Forward	Black	HT8SP20	\$d81:
Jog Reverse	Black	HT8SP21	\$d82:
Low	Black	HT8SP22	\$d83:
Lower	Black	HT8SP23	\$d84:
Lube-fail	Black	HT8SP92	\$d9e:
Motor Run	Black	HT8SP81	\$d94:
Motor Stop	Black	HT8SP82	\$d95:
Off	Red	HT8SP24	\$d85:
On	Black	HT8SP25	\$d86:
Open	Black	HT8SP26	\$d87:
Out	Black	HT8SP27	\$d88:
Power On	Black	HT8SP80	\$d93:
Raise	Black	HT8SP28	\$d89:
Ready	Black	HT8SP86	\$d99:
Reset	Black	HT8SP29	\$d8a:
Reverse	Black	HT8SP30	\$d8b:
Run	Black	HT8SP31	\$d8c:
Safe	Black	HT8SP85	\$d98:
Slow	Black	HT8SP32	\$d8d:
Slower	Black	HT8SP88	\$d9b:
Start	Black	HT8SP33	\$d8e:
Stop	Red	HT8SP34	\$;d8f:
Test	Black	HT8SP83	\$d96:
Transfer	Black	HT8SP93	\$;d9f:
Trip	Black	HT8SP84	\$d97:
Unclamp	Black	HT8SP91	\$d9d:
Up	Black	HT8SP35	\$d8g:

*Note: Dimensions: 1.77" (45mm) x1.77" (45mm)

For Selector Switch Operators/Two-Position

Legend	Color of Field	Catalog Number	Price
Forward Reverse	Black	HT8SP38	\$d8h:
Hand Auto	Black	HT8SP39	\$-d8i:
High Low	Black	HT8SP40	\$-d8j:
Jog Run	Black	HT8SP41	\$d8k:
Manual Auto	Black	HT8SP67	\$;d8j:
Off On	Black	HT8SP42	\$-d8l:
Open Close	Black	HT8SP43	\$d8n:
Run Jog	Black	HT8SP44	\$d8o:
Safe Run	Black	HT8SP45	\$d8p:
Start Jog	Black	HT8SP46	\$d8q:
Start Stop	Black	HT8SP47	\$d8s:
Up Down	Black	HT8SP48	\$;d8t:

For Selector Switch Operators/Three-Position

Legend	Color of Field	Catalog Number	Price
Auto Off Hand	Black	HT8SP49	\$d8u:
For. Off Rev	Black	HT8SP50	\$d8v:
For. Safe Rev.	Black	HT8SP69	\$d8_:
Hand Off Auto	Black	HT8SP51	\$d8x:
Man. Off Auto	Black	HT8SP68	\$;d8[:
Open Off Close	Black	HT8SP53	\$d8y:
Run Safe Jog	Black	HT8SP70	\$d8#:
Up Off Down	Black	HT8SP54	\$d8z:
On Stop Safe	Black	HT8SP71	\$;d8!:

For PUSH/PULL Units

Legend 3/32" lettering	Color of Field	Catalog Number	Price
ON/OFF	Black	HT8PP5	\$d7z:
OPEN/CLOSE	Black	HT8PP8	\$;d7]:
UP/DOWN	Black	HT8PP11	\$d7y:

Square Blank Plastic Legend Plates

Lettering	Color of Field	Catalog Number	Price
Black	White/Silver	HT8SP76	\$d91:
White	Red/Black	HT8SP77	\$d92:

Round Plastic Legend Plates

Legend	Color of Field	Catalog Number	Price
ESTOP	Yellow	HT8RP79	\$;d7[:

NOTE: 70 mm / 2-3/4" diameter

NOTE: All 30 mm legend plates are plastic.