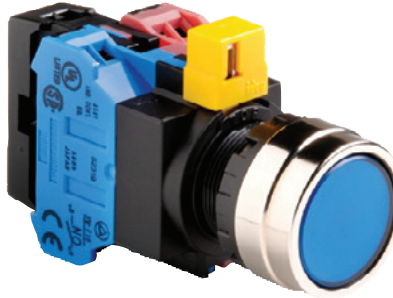


Illuminated Round Pushbuttons (Assembled)



Illuminated Full Voltage Pushbuttons



	Contacts	Flush		Extended		Extended w/ Full Shroud	
		Plastic Bezel	Metal Bezel	Plastic Bezel	Metal Bezel	Plastic Bezel	Metal Bezel
Momentary	Operator Only	HW1L-M1-②	HW4L-M1-②	HW1L-M2-②	HW4L-M2-②	HW1L-MF2-②	HW4L-MF2-②
	1NO	HW1L-M1F10QD-②-③	HW4L-M1F10QD-②-③	HW1L-M2F10QD-②-③	HW4L-M2F10QD-②-③	HW1L-MF2F10QD-②-③	HW4L-MF2F10QD-②-③
	1NC	HW1L-M1F01QD-②-③	HW4L-M1F01QD-②-③	HW1L-M2F01QD-②-③	HW4L-M2F01QD-②-③	HW1L-MF2F01QD-②-③	HW4L-MF2F01QD-②-③
	1NO-1NC	HW1L-M1F11QD-②-③	HW4L-M1F11QD-②-③	HW1L-M2F11QD-②-③	HW4L-M2F11QD-②-③	HW1L-MF2F11QD-②-③	HW4L-MF2F11QD-②-③
	2NO	HW1L-M1F20QD-②-③	HW4L-M1F20QD-②-③	HW1L-M2F20QD-②-③	HW4L-M2F20QD-②-③	HW1L-MF2F20QD-②-③	HW4L-MF2F20QD-②-③
Maintained	Operator Only	HW1L-A1-②	HW4L-A1-②	HW1L-A2-②	HW4L-A2-②	HW1L-AF2-②	HW4L-AF2-②
	1NO	HW1L-A1F10QD-②-③	HW4L-A1F10QD-②-③	HW1L-A2F10QD-②-③	HW4L-A2F10QD-②-③	HW1L-AF2F10QD-②-③	HW4L-AF2F10QD-②-③
	1NC	HW1L-A1F01QD-②-③	HW4L-A1F01QD-②-③	HW1L-A2F01QD-②-③	HW4L-A2F01QD-②-③	HW1L-AF2F01QD-②-③	HW4L-AF2F01QD-②-③
	1NO-1NC	HW1L-A1F11QD-②-③	HW4L-A1F11QD-②-③	HW1L-A2F11QD-②-③	HW4L-A2F11QD-②-③	HW1L-AF2F11QD-②-③	HW4L-AF2F11QD-②-③
	2NO	HW1L-A1F20QD-②-③	HW4L-A1F20QD-②-③	HW1L-A2F20QD-②-③	HW4L-A2F20QD-②-③	HW1L-AF2F20QD-②-③	HW4L-AF2F20QD-②-③

Illuminated Transformer Pushbuttons



	Contacts	Flush		Extended		Extended w/ Full Shroud	
		Plastic Bezel	Metal Bezel	Plastic Bezel	Metal Bezel	Plastic Bezel	Metal Bezel
Momentary	Operator Only 1NO-1NC 2NO	HW1L-M1-②	HW4L-M1-②	HW1L-M2-②	HW4L-M2-②	HW1L-MF2-②	HW4L-MF2-②
		HW1L-M1F11-③D-②	HW4L-M1F11-③D-②	HW1L-M2F11-③D-②	HW4L-M2F11-③D-②	HW1L-MF2F11-③D-②	HW4L-MF2F11-③D-②
		HW1L-M1F20-③D-②	HW4L-M1F20-③D-②	HW1L-M2F20-③D-②	HW4L-M2F20-③D-②	HW1L-MF2F20-③D-②	HW4L-MF2F20-③D-②
	Operator Only 1NO-1NC 2NO	HW1L-A1-②	HW4L-A1-②	HW1L-A2-②	HW4L-A2-②	HW1L-AF2-②	HW4L-AF2-②
Maintained	1NO-1NC 2NO	HW1L-A1F11-③D-②	HW4L-A1F11-③D-②	HW1L-A2F11-③D-②	HW4L-A2F11-③D-②	HW1L-AF2F11-③D-②	HW4L-AF2F11-③D-②
		HW1L-A1F20-③D-②	HW4L-A1F20-③D-②	HW1L-A2F20-③D-②	HW4L-A2F20-③D-②	HW1L-AF2F20-③D-②	HW4L-AF2F20-③D-②



1. In place of ②, specify Lens Color Code from table.
2. In place of ③ specify Voltage Code from table.
3. Light independent of switch position.
4. For replacement part numbers, see page 648.
5. For nameplates and accessories, see page 677.
6. For dimensions, see page 682.
7. For contact assembly part numbers, see page 682.
8. Full voltage and transformer models use the same operator.
9. Additional contact configurations available (up to 6 total contacts).
10. Yellow pushbutton comes with white LED.

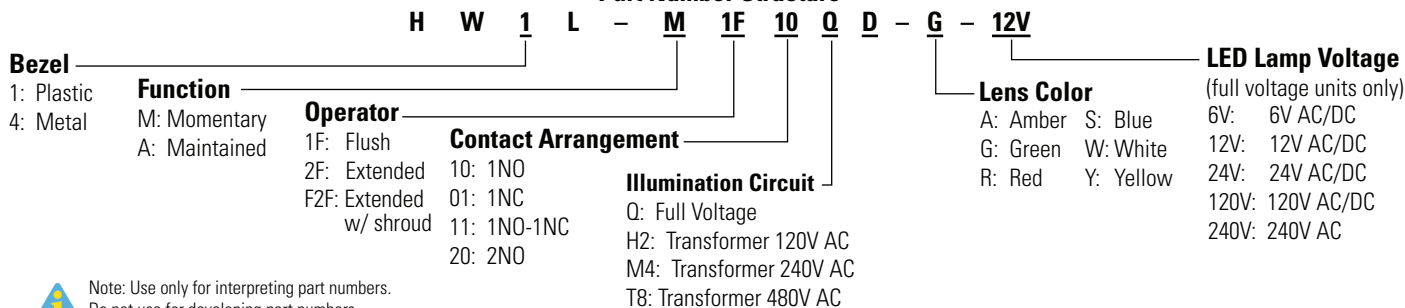
② Lens Color Code

Color	Code
Amber	A
Green	G
Red	R
Blue	S
White	W
Yellow	Y

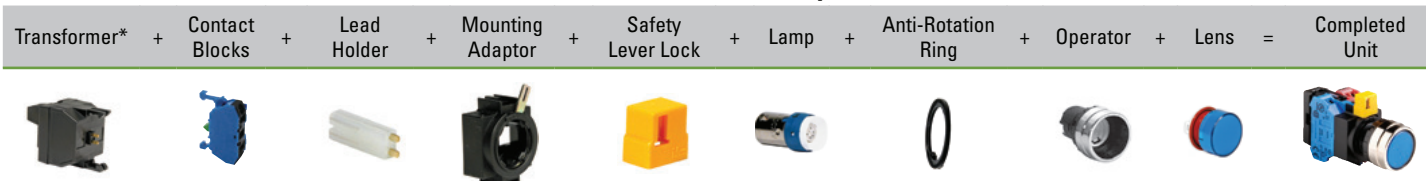
③ Voltage Code

Full Voltage Models		Transformer Models	
Voltage	Code	Voltage	Code
6V AC/DC	6V	120V AC	H2
12V AC/DC	12V	240V AC	M4
24V AC/DC	24V	480V AC	T8
120V AC/DC	120V		
240V AC	240V		

Part Number Structure



Illuminated Round Pushbuttons (Replacement Parts)



*Transformer not needed with full voltage models.

Lamp Circuit Components

Style	Description	Terminals	Part Number
Lead Holder	For use with HW-CBL on all illuminated pushbutton units. One required for each deck (pair) of contacts.		HW-LH3
Dummy Block with Full Voltage Adaptor	For use with odd number of contacts.	Finger-Safe	HW-DA1FBN
Full Voltage Adaptor	For use with even number of contacts.	Finger-Safe	TW-DA1FB
Transformer Unit (6V secondary voltage)	120VAC 240VAC 480VAC	Finger-Safe	TW-F126B TW-F246B TW-F486B
DC-DC Converter	110VDC		HW-L16D

- *With spring-up terminals - to use spring-up terminal type, must use transformer type operator designed for spring-up transformer.
- ** DC-DC converter voltage input from 90-140V DC.

Operators

Style		Plastic Bezel	Metal Bezel
Round Flush/Extended		Momentary HW1L-M0 Maintained HW1L-A0	Momentary HW4L-M0 Maintained HW4L-A0
Extended with Full Shroud		Momentary HW1L-MF0 Maintained HW1L-AF0	Momentary HW4L-MF0 Maintained HW4L-AF0

Contact Blocks

Style	Contacts	1NO	1NC
	Finger-Safe Spring-Up Terminal	HW-U10-F HW-U10R-F (early make)	HW-U01-F HW-U01R-F (late break)

- All assembled part numbers in catalog include standard finger-safe spring-up (HW-U...) contacts.

Contact Block Mounting Adaptor

Style	Part Number
	HW-CBL

- Used to mount contact blocks to operator (first pair only).
- IEDEC strongly recommends using the safety lever lock to prevent heavy vibration or maintenance personnel from inadvertently unlocking contacts.

Safety Lever Lock

Style	Part Number
	HW9Z-LS

Lenses

Style	Part Number
Round Flush	HW1A-L1-⊙-K
Round Extended	HW1A-L2-⊙-K

- In place of ⊙, specify the Lens Color Code from previous page.

Anti-Rotation Ring

Appearance	Part Number
	HW9Z-RL

- Use with notched panel cutout to prevent unit rotation.

LED Lamps

Style	Voltage	Part Number
LED	6V AC/DC	LSRD-6
	12V AC/DC	LSRD-1
	24V AC/DC	LSRD-2
	120V AC/DC	LSRD-H2
	240V AC	LSRD-M4

- All LED lamps are white
- The LED contains a current-limiting resistor and reverse polarity protection diodes.