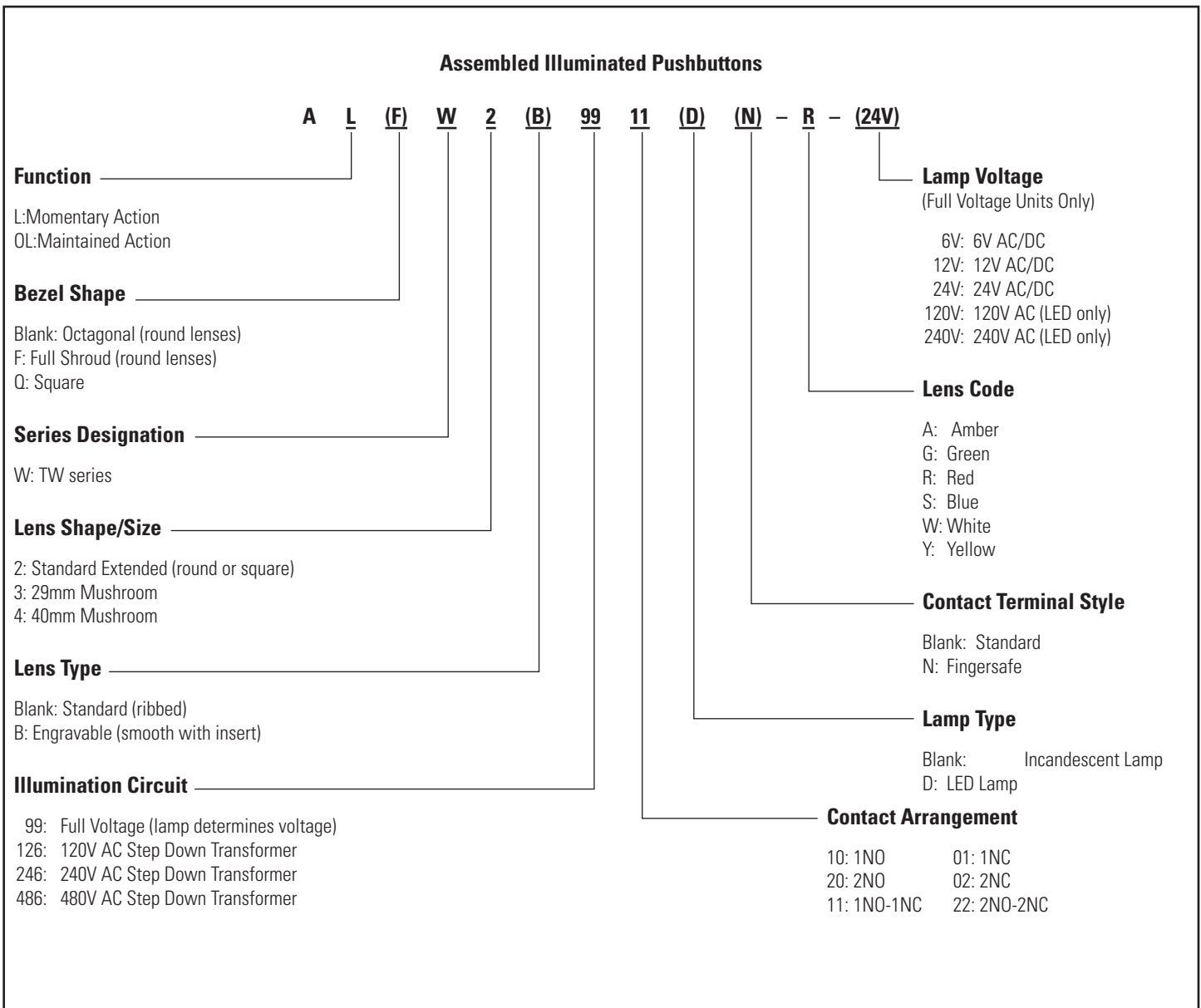



Illuminated Pushbuttons (Assembled)



1. Use only when interpreting part numbers. Do not use for developing part numbers.
2. Transformers step down to 6V.

Illuminated Pushbuttons (Assembled)

Illuminated Pushbuttons

Style	Contacts	Part Number		
		Momentary	Maintained	
 Extended Lens	Transformer	1NO-1NC 2NO 2NC	ALW2 ④ 11⑤-② ALW2 ④ 20⑤-② ALW2 ④ 02⑤-②	AOLW2 ④ 11⑤-② AOLW2 ④ 20⑤-② AOLW2 ④ 02⑤-②
	Full Voltage	1NO-1NC 2NO 2NC	ALW29911⑤-②-③ ALW29920⑤-②-③ ALW29902⑤-②-③	AOLW29911⑤-②-③ AOLW29920⑤-②-③ AOLW29902⑤-②-③
 Extended Lens with Full Shroud	Transformer	1NO-1NC 2NO 2NC	ALFW2 ④ 11⑤-② ALFW2 ④ 20⑤-② ALFW2 ④ 02⑤-②	AOLFW2 ④ 11⑤-② AOLFW2 ④ 20⑤-② AOLFW2 ④ 02⑤-②
	Full Voltage	1NO-1NC 2NO 2NC	ALFW29911⑤-②-③ ALFW29920⑤-②-③ ALFW29902⑤-②-③	AOLFW29911⑤-②-③ AOLFW29920⑤-②-③ AOLFW29902⑤-②-③
 ø29mm Mushroom Lens	Transformer	1NO-1NC 2NO 2NC	ALW3 ④ 11⑤-② ALW3 ④ 20⑤-② ALW3 ④ 02⑤-②	AOLW3 ④ 11⑤-② AOLW3 ④ 20⑤-② AOLW3 ④ 02⑤-②
	Full Voltage	1NO-1NC 2NO 2NC	ALW39911⑤-②-③ ALW39920⑤-②-③ ALW39902⑤-②-③	AOLW39911⑤-②-③ AOLW39920⑤-②-③ AOLW39902⑤-②-③
 ø40mm Mushroom Lens	Transformer	1NO-1NC 2NO 2NC	ALW4 ④ 11⑤-② ALW4 ④ 20⑤-② ALW4 ④ 02⑤-②	AOLW4 ④ 11⑤-② AOLW4 ④ 20⑤-② AOLW4 ④ 02⑤-②
	Full Voltage	1NO-1NC 2NO 2NC	ALW49911⑤-②-③ ALW49920⑤-②-③ ALW49902⑤-②-③	AOLW49911⑤-②-③ AOLW49920⑤-②-③ AOLW49902⑤-②-③
 Square Extended	Transformer	1NO-1NC 2NO 2NC	ALQW2B ④ 11⑤-② ALQW2B ④ 20⑤-② ALQW2B ④ 02⑤-②	AOLQW2B ④ 11⑤-② AOLQW2B ④ 20⑤-② AOLQW2B ④ 02⑤-②
	Full Voltage	1NO-1NC 2NO 2NC	ALQW2B9911⑤-②-③ ALQW2B9920⑤-②-③ ALQW2B9902⑤-②-③	AOLQW2B9911⑤-②-③ AOLQW2B9920⑤-②-③ AOLQW2B9902⑤-②-③

② LED/Lens Color Codes

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

- 1. Mushroom lenses not available in yellow.
- 2. Yellow pushbutton comes with white LED.

③ Full Voltage Codes

Voltage	Code
6V AC/DC	6V
12V AC/DC	12V
24V AC/DC	24V
120V AC	120V (LED only)
240V AC	240V (LED only)

④ Transformer Voltage Codes

Voltage	Code
120VAC	126
240VAC	246
480VAC	486

- Transformers step down to 6V (use 6V lamp).

⑤ Lamp Type Codes

Lamp	Code
Incandescent	Blank
LED	D

- 1. In place of ②, specify the Lens Color Code (see table). Mushroom lenses not available in yellow.
- 2. In place of ③, specify the Full Voltage Code (lamp voltage) (see table).
- 3. In place of ④, specify the Transformer Voltage Code (see table).
- 4. In place of ⑤, specify the Lamp Type Code from table.
- 5. For sub-assembly part numbers, see next page.
- 6. For accessories, see page 593.
- 7. For dimensions, see page 595.
- 8. Light is independent of switch position.
- 9. Yellow pushbutton comes with white LED.

Switches & Pilot Lights

Display Lights

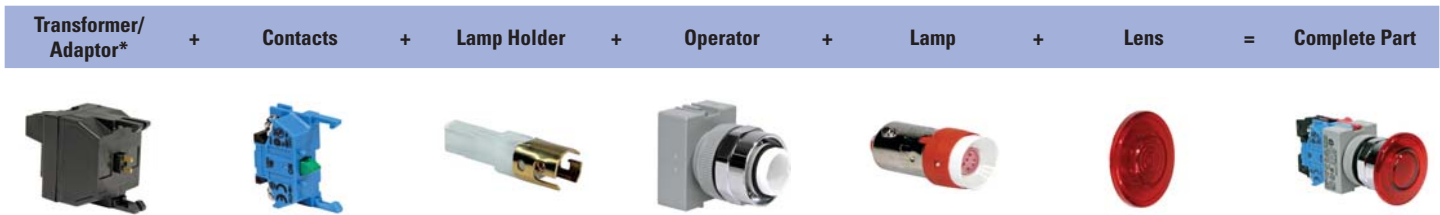
Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

Illuminated Pushbuttons (Sub-Assembled)



*Not applicable for full voltage units

Operators

Style	Image	Part Number	
		Momentary	Maintained
Extended		ALW-0600	AOLW-0600
Extended with Full Shroud		ALFW-0600	AOLFW-0600
ø29mm/ø40mm Mushroom		ALW3-0600	AOLW3-0600
Square/Extended		ALQW-2B0600	AOLQW-2B0600

Lenses

Style	Image	Part Number	
		Standard	Engravable
Round Extended		ALW2LU-Ⓣ	ALW2BLU-Ⓣ
ø 29mm Mushroom Head*		ALW3LU-Ⓣ	ALW3BLU-Ⓣ
ø 40mm Mushroom Head*		ALW4LU-Ⓣ	ALW4BLU-Ⓣ
Square Extended		—	ALQW2BLU-Ⓣ

- 1. In place of Ⓣ, specify the lens color code from table on the bottom right.
- 2. *Mushroom lens not available in yellow.
- 3. Standard lenses have ribbed pattern, Engravable lenses are smooth and include an engravable insert.

Lamps

Style	Voltage	Part Number
LED	6V AC/DC	LSTD-6Ⓣ
	12V AC/DC	LSTD-1Ⓣ
	24V AC/DC	LSTD-2Ⓣ
	120V AC	LSTD-H2Ⓣ
Incandescent	240V AC	LSTD-M4Ⓣ
	6V AC/DC	IS-6
	12V AC/DC	IS-12
	24V AC/DC	IS-24

- 1. In place of Ⓣ, specify the LED color code.
- 2. The LED contains a current-limiting resistor and a protection diode.

Lamp Circuit Components

Style	Application	Part Number
Short Lamp Holder	Used with a Half-size Transformer and one contact block	TW-LH1
Long Lamp Holder	Used with Full-size Transformer and two contact blocks Used with Half-size Transformer and three contact blocks Used with Full Voltage Adaptor and two contact blocks	TW-LH2
Lead Holder	Used with TW-LH2 holder when using four contact blocks	HW-LH3

Ⓣ LED/Lens Color Codes

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

- Yellow LED not available. Use white LED.

Switches & Pilot Lights

Display Lights

Relays & Sockets




Timers

Terminal Blocks

Circuit Breakers





Illuminated Pushbuttons (Sub-Assembled) continued

Contact Blocks

Style	Part Number	
	1NO	1NC
Standard Exposed Screw 	HW-C10	HW-C01
	HW-C10R (early make)	HW-C01R (late break)
Fingersafe (IP20), CE marked 	HW-F10	HW-F01
	HW-F10R (early make)	HW-F01R (late break)
Dummy Block 	TW-DB	

- 1. Dummy blocks (no contacts) are used with an odd number of contact blocks.
- 2. Use of early and late break contacts creates a make before break function

Transformers/Full Voltage Modules

Style	Description	Part Number	
Full Size Transformer 	120V AC	TW-T126B	
	Standard	240V AC	TW-T246B
		480V AC	TW-T486B
	Fingersafe	120V AC	TW-F126B
		240V AC	TW-F246B
		480V AC	TW-F486B
Half Size Transformer 	120V AC	TW-T126SB	
	240V AC	TW-T246SB	
Full voltage model (use with even number of contacts) 	Standard	TW-DA1B	
	Fingersafe	TW-DA1FB	
Full voltage model (use with odd number of contacts) 	Standard	HW-DA1B	
	Fingersafe	HW-DA1FB	

 All Transformers step down to 6V (use 6V lamp).

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers