



Illuminated Selector Switches 2-Position (Assembled)



2-Position Illuminated Selector Switches

Contact	Mounting	Style		Part Number			
		Operator Position		Maintained	Spring Return from Right		
		L	R	L 	L 		
<i>Operator Only</i>				<i>HW[Ⓞ]F-2[Ⓞ]</i>	<i>HW[Ⓞ]F-21[Ⓞ]</i>		
1NO-1NC	1 2	0 X	X 0	Full Voltage	HW [Ⓞ] F-2F11Q [Ⓞ] -2- [Ⓞ]	HW [Ⓞ] F-21F11Q [Ⓞ] -2- [Ⓞ]	
				Transformer	120V	HW [Ⓞ] F-2F11H2 [Ⓞ] - [Ⓞ]	HW [Ⓞ] F-21F11H2 [Ⓞ] - [Ⓞ]
					240V 480V	HW [Ⓞ] F-2F11M4 [Ⓞ] - [Ⓞ] HW [Ⓞ] F-2F11T8 [Ⓞ] - [Ⓞ]	HW [Ⓞ] F-21F11M4 [Ⓞ] - [Ⓞ] HW [Ⓞ] F-21F11T8 [Ⓞ] - [Ⓞ]
2NO	1 2	0 0	X X	Full Voltage	HW [Ⓞ] F-2F20Q [Ⓞ] -2- [Ⓞ]	HW [Ⓞ] F-21F20Q [Ⓞ] -2- [Ⓞ]	
				Transformer	120V	HW [Ⓞ] F-2F20H2 [Ⓞ] - [Ⓞ]	HW [Ⓞ] F-21F20H2 [Ⓞ] - [Ⓞ]
					240V 480V	HW [Ⓞ] F-2F20M4 [Ⓞ] - [Ⓞ] HW [Ⓞ] F-2F20T8 [Ⓞ] - [Ⓞ]	HW [Ⓞ] F-21F20M4 [Ⓞ] - [Ⓞ] HW [Ⓞ] F-21F20T8 [Ⓞ] - [Ⓞ]
2NO-2NC	1 2 3 4	0 X 0 X	X 0 X 0	Full Voltage	HW [Ⓞ] F-2F22Q [Ⓞ] -2- [Ⓞ]	HW [Ⓞ] F-21F22Q [Ⓞ] -2- [Ⓞ]	
				Transformer	120V	HW [Ⓞ] F-2F22H2 [Ⓞ] - [Ⓞ]	HW [Ⓞ] F-21F22H2 [Ⓞ] - [Ⓞ]
					240V 480V	HW [Ⓞ] F-2F22M4 [Ⓞ] - [Ⓞ] HW [Ⓞ] F-2F22T8 [Ⓞ] - [Ⓞ]	HW [Ⓞ] F-21F22M4 [Ⓞ] - [Ⓞ] HW [Ⓞ] F-21F22T8 [Ⓞ] - [Ⓞ]

- 1. In place of [Ⓞ] specify Lens/LED color code.
- 2. In place of [Ⓞ] specify Full Voltage code.
- 3. In place of [Ⓞ] specify Lamp code.
- 4. In place of [Ⓞ] enter 1 for plastic bezel or 4 for metal bezel.
- 5. For nameplates, see page 546.
- 6. For contact assembly part numbers, see page 550.
- 7. Light is independent of switch position.
- 8. All assembled part numbers in catalog include standard fingersafe (HW-F...) contacts.
- 9. Assembled units with spring-up terminals (HW-G...) can be ordered by removing an "F" from the part number (Ex. HW1B-M1F11-R becomes HW1B-M111-R).
- 10. Units with exposed screw terminals (HW-C...) must be ordered as sub-components.
- 11. **Yellow selector switch comes with white LED.**
- 12. Additional contact configurations available (up to 6 total contacts).
- 13. For Truth Tables see page 558.

② Lens/LED Color Code

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

③ Full Voltage Code

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

④ Lamp Code

Lamp	Code
Incandescent	Blank
LED	D

⑤ Bezel Code

Type	Code
Plastic	1
Metal	4

Switches & Pilot Lights

Display Lights

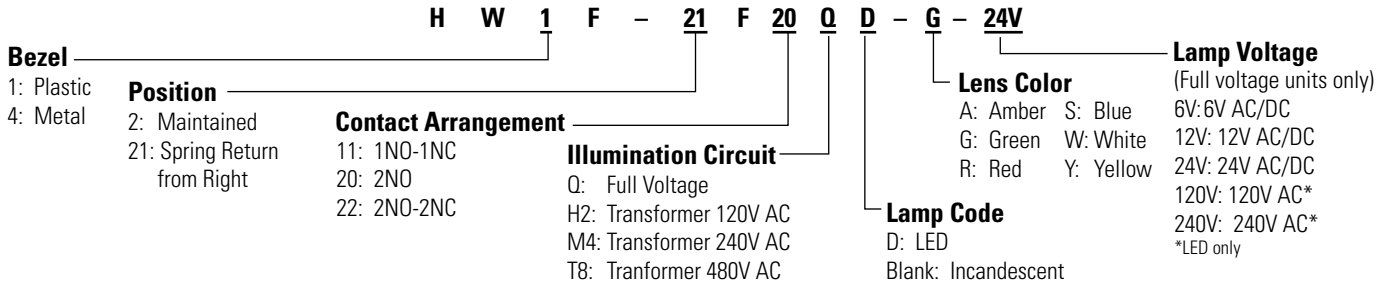
Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

Part Number Structure



Illuminated Selector Switches 2-Position (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.	Fingersafe	HW-DA1FB
		Exposed	HW-DA1B
		Spring Up	HW-GA1
Full Voltage Adaptor 	For use with even number of contacts.	Fingersafe	TW-DA1FB
		Exposed	TW-DA1B
Transformer Unit (6V secondary voltage) 	120VAC 240VAC 480VAC	Fingersafe	TW-F126B TW-F246B TW-F486B
		Spring Up	HW-T126 HW-T246 HW-L486
		Exposed	TW-T126B TW-T246B TW-T486B
DC-DC Converter	110VDC		HW-L16D

- 1. HW-GA1 "Dummy Block with full voltage adaptor" does not require the use of HW-LH3.
- 2. DC-DC converter features spring-up terminals.
- 3. DC-DC converter applicable voltage range 90-140V DC.

Operators

Appearance	Description	Plastic Bezel	Metal Bezel
	Maintained	HW1F-2	HW4F-2
	Spring return from right	HW1F-21	HW4F-21

Illuminated knobs must be ordered separately.

Contact Blocks

Style	Contacts	1NO	1NC
	Standard Fingersafe (IP20)	HW-F10 HW-F10R (early make)	HW-F01 HW-F01R (late break)
	Spring-Up Terminal	HW-G10 HW-G10R (early make)	HW-G01 HW-G01R (late break)
	Exposed Screw Terminal	HW-C10 HW-C10R (early make)	HW-C01 HW-C01R (late break)

Contact Block Mounting Adaptor

Style	Part Number
	HW-CBL

- 1. Used to mount contact blocks to operator (first pair only).
- 2. IDEC 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

Illuminated Knob

Appearance	Part Number
	HW9Z-FDY-⊙

In place of ⊙, specify the Color Code.

⊙ Lens/LED Color Code

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

Anti-Rotation Ring

Appearance	Part Number
	HW9Z-RL

Use with notched panel cutout to prevent unit rotation.

Lamps

Type	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 reverse polarity protection diodes.
- 3. Use white LED for yellow lens. Yellow LED not available.