



Illuminated Selector Switches 2-Position (Assembled)



2-Position Illuminated Selector Switches

Style					Part Number		
Contact	Mounting	Operator Position		Type	Maintained	Spring Return from Right	
		L 	R 				
Operator Only					HWⓈF-2②	HWⓈF-21②	
1NO-1NC	1 2	O X	X O	Full Voltage	HWⓈF-2F11Q④-②-③	HWⓈF-21F11Q④-②-③	
				Transformer	120V	HWⓈF-2F11H2④-②	HWⓈF-21F11H2④-②
					240V	HWⓈF-2F11M4④-②	HWⓈF-21F11M4④-②
					480V	HWⓈF-2F11T8④-②	HWⓈF-21F11T8④-②
2NO	1 2	O O	X X	Full Voltage	HWⓈF-2F20Q④-②-③	HWⓈF-21F20Q④-②-③	
				Transformer	120V	HWⓈF-2F20H2④-②	HWⓈF-21F20H2④-②
					240V	HWⓈF-2F20M4④-②	HWⓈF-21F20M4④-②
					480V	HWⓈF-2F20T8④-②	HWⓈF-21F20T8④-②
2NO-2NC	1 2 3 4	O X O X	X O X O	Full Voltage	HWⓈF-2F22Q④-②-③	HWⓈF-21F22Q④-②-③	
				Transformer	120V	HWⓈF-2F22H2④-②	HWⓈF-21F22H2④-②
					240V	HWⓈF-2F22M4④-②	HWⓈF-21F22M4④-②
					480V	HWⓈF-2F22T8④-②	HWⓈF-21F22T8④-②



1. In place of ② specify Lens/LED color code.
2. In place of ③ specify Full Voltage code.
3. In place of ④ specify Lamp code.
4. In place of ⑤ 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

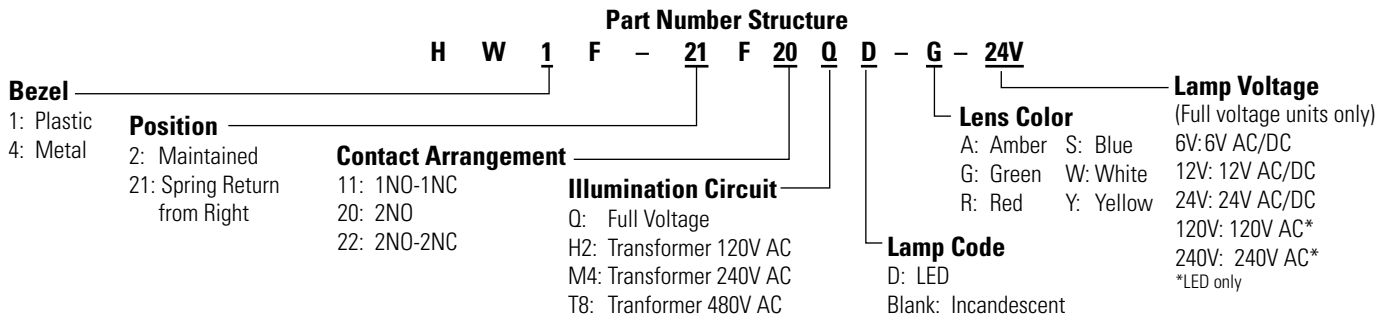
Full Voltage Models	
Voltage	Code
6VAC/DC	6V
12VAC/DC	12V
24VAC/DC	24V
120V AC (LED only)	120V
240V AC (LED only)	240V

④ Lamp Code

Lamp	Code
Incandescent	Blank
LED	D

⑤ Bezel Code

Type	Code
Plastic	1
Metal	4



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
	120V 240V 480V	Spring Up	HW-T126
			HW-T246
			HW-L486
	120V 240V 480V	Exposed	TW-T126B
			TW-T246B
			TW-T486B
DC-DC Converter	110VDC		HW-L16D



- HW-GA1 "Dummy Block with full voltage adaptor" does not require the use of HW-LH3.
- DC-DC converter features spring-up terminals.
- 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



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



In place of ②, specify the Color Code.

② 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
	6V AC/DC	LSTD-6②
	12V AC/DC	LSTD-1②
	24V AC/DC	LSTD-2②
	120V AC	LSTD-H2②
	240V AC	LSTD-M4②
	6V AC/DC	IS-6
	12V AC/DC	IS-12
	24V AC/DC	IS-24



- In place of ②, specify the LED Color Code.
- The LED contains a current-limiting resistor and reverse polarity protection diodes.
- Use white LED for yellow lens. Yellow LED not available.