

Dual Pushbutton Switches

Two pushbuttons and a pilot light are integrated into one space-saving ø22 mm control unit.

- Momentary and interlock types are available for pushbuttons. Interlock type prevents both buttons from being pressed at the same time.
- Pilot lights are available in full voltage and transformer with LED or incandescent lamps.
- IP40 protection, IP65 when using silicon cover.
- UL Listed, CSA approved, and EN compliant



Applications:

- Ideal for use as power switches and start/stop switches (available with I/ON and O/OFF markings on the buttons and a pilot light in the center).
- Interlock type prevents two pushbuttons from being pressed at the same time.

Dual Pushbutton Switches (Assembled) Part Numbers

Without Center Pilot Light

Operation Type	Button Style		Contact Arrangement		Part Number	④ Button Color Code	⑤ Legend Code
			Top Button	Bottom Button			
Momentary	Flush (top) Flush (bottom)		1NO	1NC	HW7D-B11F1001-④⑤	GR: Green (top) Red (bottom)	Blank: Without legend
			1NO	1NO	HW7D-B11F1010-④⑤		
			1NO-1NC	1NO-1NC	HW7D-B11F1111-④⑤		
			2NO	2NC	HW7D-B11F2002-④⑤		
			2NO	2NO	HW7D-B11F2020-④⑤		
	Flush (top) Extended (bottom)		1NO	1NC	HW7D-B12F1001-④⑤		
			1NO	1NO	HW7D-B12F1010-④⑤		
			1NO-1NC	1NO-1NC	HW7D-B12F1111-④⑤		
			2NO	2NC	HW7D-B12F2002-④⑤		
			2NO	2NO	HW7D-B12F2020-④⑤		
Interlock*	Flush (top) Flush (bottom)		1NO	1NC	HW7D-B21F1001-④⑤	WB: White (top) Black (bottom)	1: I/ON (top) O/OFF (bottom)
			1NO	1NO	HW7D-B21F1010-④⑤		
			1NO-1NC	1NO-1NC	HW7D-B21F1111-④⑤		
			2NO	2NC	HW7D-B21F2002-④⑤		
			2NO	2NO	HW7D-B21F2020-④⑤		
	Flush (top) Extended (bottom)		1NO	1NC	HW7D-B22F1001-④⑤		
			1NO	1NO	HW7D-B22F1010-④⑤		
			1NO-1NC	1NO-1NC	HW7D-B22F1111-④⑤		
			2NO	2NC	HW7D-B22F2002-④⑤		
			2NO	2NO	HW7D-B22F2020-④⑤		



1. *Interlock type prevents both top and bottom buttons from being pressed simultaneously.
2. Clear silicon rubber cover part number HW9Z-D7D.
3. Additional contact configurations available (up to 6 total contacts).

With Center Pilot Light

Operation Type	Button Style	Top Button	Bottom Button	Part Number
Flush (top) Flush (bottom) 	Flush (Top) Flush (Bottom)	1NO	1NC	HW7D-L11F1001②③-④⑤
		1NO	1NO	HW7D-L11F1010②③-④⑤
		1NO-1NC	1NO-1NC	HW7D-L11F1111②③-④⑤
		2NO	2NC	HW7D-L11F2002②③-④⑤
		2NO	2NO	HW7D-L11F2020②③-④⑤
	Flush (Top) Extended (Bottom)	1NO	1NC	HW7D-L12F1001②③-④⑤
		1NO	1NO	HW7D-L12F1010②③-④⑤
		1NO-1NC	1NO-1NC	HW7D-L12F1111②③-④⑤
		2NO	2NC	HW7D-L12F2002②③-④⑤
		2NO	2NO	HW7D-L12F2020②③-④⑤
Flush (top) Extended (bottom) 	Flush (Top) Flush (Bottom)	1NO	1NC	HW7D-L21F1001②③-④⑤
		1NO	1NO	HW7D-L21F1010②③-④⑤
		1NO-1NC	1NO-1NC	HW7D-L21F1111②③-④⑤
		2NO	2NC	HW7D-L21F2002②③-④⑤
		2NO	2NO	HW7D-L21F2020②③-④⑤
	Flush (Top) Extended (Bottom)	1NO	1NC	HW7D-L22F1001②③-④⑤
		1NO	1NO	HW7D-L22F1010②③-④⑤
		1NO-1NC	1NO-1NC	HW7D-L22F1111②③-④⑤
		2NO	2NC	HW7D-L22F2002②③-④⑤
		2NO	2NO	HW7D-L22F2020②③-④⑤



- *Interlock type prevents both top and bottom buttons from being pressed simultaneously.
- Clear silicon rubber cover part number HW9Z-D7D.
- All assembled part numbers in catalog include standard (HW-F...) contacts.
- 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).
- Units with exposed screw terminals (HW-C...) must be ordered as sub-components.

② Pilot Light Illumination & Voltage Code

Full Voltage	
Voltage	Code
6V AC/DC, LED	Q2
12V AC/DC, LED	Q3
24V AC/DC, LED	Q4
120V AC, LED	Q8
6V AC/DC, Incandescent	Q5*
12V AC/DC, Incandescent	Q6*
24V AC/DC, Incandescent	Q7*
Step-Down Transformer (6V Secondary Lamp Voltage)	
Voltage	Code
120V AC, LED	H22
240V AC, LED	M42
480V AC, LED	T82
120V AC, Incandescent	H25*
240V AC, Incandescent	M45*
480V AC, Incandescent	T85*

*Only available for White Lens Pilot Lamp.

③ Pilot Lamp Color Code

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



*Only available in LED illumination.

④ Pushbutton Color Code

Color	Code
Top Green	GR
Bottom Red	
Top White	WB
Bottom Black	

⑤ Engraving Codes

Engraving	Code
No Engraving	Blank
I/ON Top	1
O/OFF Bottom	