Push Pull & Unibody E-Stop Pushbuttons (Assembled)

	ø40mm Head Push–Pull	
Contacts	**Plastic Bezel**	**Metal Bezel**
Operator Only (Red)	*HW1B-Y2R*	*HW4B-Y2R*
Operator Only (Yellow)	*HW1B-Y2Y*	*HW4B-Y2Y*
1NO	HW1B-Y2F10-①†	HW4B-Y2F10-①†
1NC	HW1B-Y2F01-①†	HW4B-Y2F01-①†
1NO-1NC	HW1B-Y2F11-①†	HW4B-Y2F11-①†
2NC	HW1B-Y2F02-①†	HW4B-Y2F02-①†
2NO	HW1B-Y2F20-①†	HW4B-Y2F20-①†

	ø40mm Unibody Pushlock Turn Reset*
Contacts	**Plastic Bezel**
1NO-1NC	HW1E-BV4F11-R
2NC	HW1E-BV4F02-R
1NO-2NC	HW1E-BV412R-TK2093-1

	Unibody Illuminated E-Stops*	
Contacts	**LED**	**Incandescent**
1NO-1NC	HW1E-LV4F11QD-R-③	HW1E-LV4F11Q-R-③
2NC	HW1E-LV4F02QD-R-③	HW1E-LV4F02Q-R-③
2NC (with push-on illumination)	HW1E-TV4F02QD-R-③	HW1E-TV4F11Q-R-③
1NO-1NC (with push-on illumination)	HW1E-TV4F11QD-R-③	HW1E-TV4F02Q-R-③

③ Full Voltage Code

Voltage	Code
6VAC/DC	6V
12VAC/DC	12V
24VAC/DC	24V
120V AC*	120V
240V AC*	240V

*LED only.

Terminal Numbering
(Unibody only)

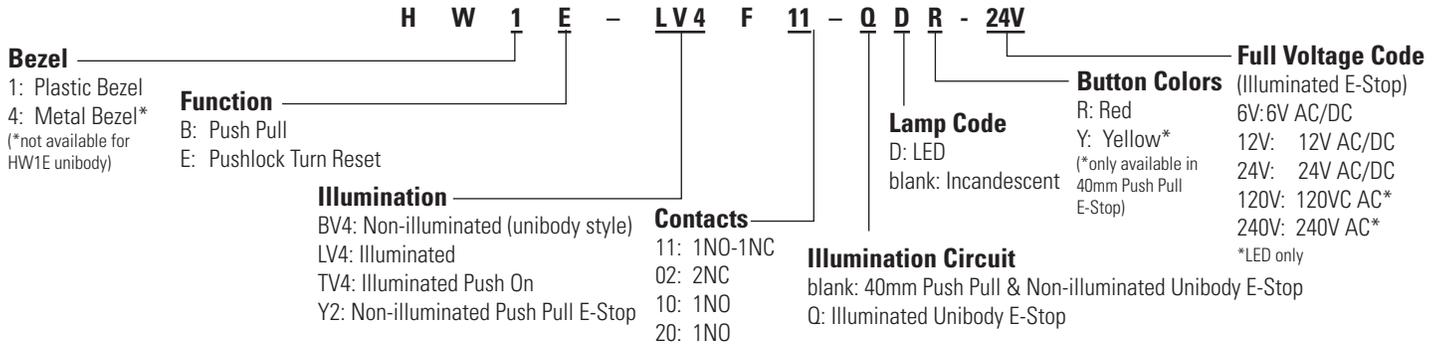| Models	Terminal Number
1NO-1NC	NO = 13/14, NC = 11/12
2NC	NC = 11/12, NC = 21/22
HW1E-L HW1E-T	Lamp + = X2, Lamp - = X1

1. * Available in Red only.
2. † Available in red or yellow. Insert color code in place of ① (R: Red, Y: Yellow).
3. In place of ③, specify Full Voltage Code.
4. With single unit construction, the positive action contacts are integrated in the body of the switch. This provides an extra degree of safety and reliability for critical emergency stop functions.
5. In the illuminated version, the light is independent of the switch action (except push-on LED model).
6. For accessories, see page 549.
7. For dimensions, see page 551.
8. For nameplates and shrouds, see page 550.
9. For contact assembly part numbers, see page 550.
10. All HW Series E-Stop operators include non-removable color caps.
11. All HW series E-Stops comply with EN418, the IEC "E-Stop Addendum to the Low Voltage Directive," this includes "tamper proof" operation whereby a change of contact state is not possible by "teasing" or "floating" the operator.
12. All HW series E-Stop switches comply with SEMI S2 standards.
13. All assembled part numbers in catalog include standard fingersafe (HW-F...) contacts.
14. 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).
15. Units with exposed screw terminals (HW-C...) must be ordered as sub-components.
16. Additional contact configurations available (up to 6 total contacts).

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

Part Number Structure

H W 1 E – L V 4 F 11 – Q D R - 24V

Bezel
1: Plastic Bezel
4: Metal Bezel*
(*not available for HW1E unibody)

Function
B: Push Pull
E: Pushlock Turn Reset

Illumination
BV4: Non-illuminated (unibody style)
LV4: Illuminated
TV4: Illuminated Push On
Y2: Non-illuminated Push Pull E-Stop

Contacts
11: 1NO-1NC
02: 2NC
10: 1NO
20: 1NO

Illumination Circuit
blank: 40mm Push Pull & Non-illuminated Unibody E-Stop
Q: Illuminated Unibody E-Stop

Lamp Code
D: LED
blank: Incandescent

Button Colors
R: Red
Y: Yellow*
(*only available in 40mm Push Pull E-Stop)

Full Voltage Code
(Illuminated E-Stop)
6V: 6V AC/DC
12V: 12V AC/DC
24V: 24V AC/DC
120V: 120VC AC*
240V: 240V AC*
*LED only

Illuminated & Non-illuminated E-Stop Pushbuttons (Replacement Parts)

Contact Blocks	+	Adaptor & Safety Lever Lock	+	Anti-Rotation Ring	+	Operator	=	Completed Unit

Contact Blocks

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

Contact Block Mounting Adaptor

Style	Part Number
	HW-CB2C

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

Anti-Rotation Ring

Appearance	Part Number
	HW9Z-RL

ℹ Use with notched panel cutout to prevent unit rotation.

Operators

Style			Part Number
ø40mm Head Push-Pull	Plastic	red	HW1B-Y2R
	Metal	red	HW4B-Y2R
	Plastic	yellow	HW1B-Y2Y
	Metal	yellow	HW4B-Y2Y

ℹ All E-Stop Buttons are not removable from the operator.

ℹ
1. There are no replacement parts for the HW1E unibody E-Stop.
2. For illuminated unibody E-Stop, see page 550 for replacement lens.