

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 |



* NO contact is used as a monitoring contact

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

③ Full Voltage LED Code

Terminal Numbering (Unibody only)

| Models | Terminal Number |
|---------|------------------------|
| 1NO-1NC | NO = 13/14, NC = 11/12 |
| 2NC | NC = 11/12, NC = 21/22 |
| HW1E-L | LED + = X2, LED - = X1 |
| HW1E-T | LED + = X2, LED - = 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 LED 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 680.
7. For dimensions, see page 682.
8. For nameplates and shrouds, see page 680.
9. For contact assembly part numbers, see page 680.
10. All HW Series E-Stops include non-removable color caps.
11. All HW series E-Stops comply with EN60947-5-5, 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 finger-safe spring-up (HW-U...) contacts.
14. Additional contact configurations available (up to 6 total contacts).

Part Number Structure

H W 1 E - LV4 F 11 - Q D-R - 24V

Bezel

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

Function

B: Push Pull
E: Unibody Pushlock Turn Reset

Illumination

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

Contacts

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

Lamp Code

D: LED

Full Voltage Code

(Illuminated E-Stop)
R: Red
Y: Yellow*
(*only available in 40mm Push Pull E-Stop)
6V: 6V AC/DC
12V: 12V AC/DC
24V: 24V AC/DC
120V: 120V AC
240V: 240V AC

Illumination Circuit

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



Note: Use only for interpreting part numbers.
Do not use for developing part numbers.

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



Contact Blocks

| Style | Contacts | 1NO | 1NC |
|--------------------------------|------------------------|------------------------|-----|
| Finger-Safe Spring-Up Terminal | HW-U10-F | HW-U01-F | |
| | HW-U10R-F (early make) | HW-U01R-F (late break) | |
| Dummy Block | HW-DB | | |

1. There are no replacement parts for the HW1E unibody E-Stop.
2. For illuminated unibody E-Stop, see page 682 for replacement lens.

Contact Block Mounting Adaptor

| Style | Part Number |
|-------|-------------|
| | HW-CB2C |

1. Used to mount contact blocks to operator.
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 |

Anti-Rotation Ring

| Appearance | Part Number |
|------------|-------------|
| | HW9Z-RL |

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 |

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