

## HW: The Best Engineered Switch in the World

## Key features include:

- Locking lever removable contact blocks
- Finger-safe IP20 contacts as standard, other terminal styles available
- Tamperproof construction
- All E-stops meet EN418 and are compliant with SEMI S2 standards
- Worldwide approvals
- Easy to assemble
- Available assembled or as sub-components
- Choice of black plastic or metallic front bezels
- Incandescent or LED illumination
- Transformer or full voltage
- Slow make double break self cleaning contacts

IDEC's HW switches are "The best engineered switch in the world" for a reason. Carrying the CE mark, UL, CSA, and TUV approvals, these switches are designed for use in almost any part of the world.

Complete with finger-safe contact blocks offering IP20 protection, these 7/8" $(22 \mathrm{~mm})$ switches include illuminated and non-illuminated pushbuttons, pilot lights, selector switches, and emergency stop switches.

All switches also incorporate mechanically keyed safety locking levers, ensuring correct installation and maintaining safety in high-vibration applications.

| Conforming to Standards | EN60947-1, EN60947-5-1, VDE0660-200, UL508, CSA C22-2 No.14 |  |
| :--- | :--- | :--- | :--- |
| Approvals |  |  |

1. For dimensions, see page A-116.
2. For life expectancy derating curves, see page A-120.

Oiltight Switches and Pilot Devices

## Nameplates - HW Series

Part Numbers: Nameplates


1. In place of $(1)$, insert either the standard legend code from table below or custom engraving delimited by " ".
2. Standard engravings are available at no charge.
3.     * HWAV-27 comes engraved "Emergency Stop" as shown in drawing.
4. ${ }^{\dagger}$ HWAV-527 for 80 mm diameter jumbo mushroom comes engraved "Emergency Stop" as shown in drawing.

## Standard Legend Codes

| Pushbuttons |  |  |  | Pushbuttons/Selector Switches |  |  |  | Selector Switches |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Legend | Code | Legend | Code | Legend | Code | Legend | Code | Legend | Code |
| AUTO <br> CLOSE <br> DOWN <br> EMERG.STOP <br> FAST <br> FORWARD <br> HAND <br> HIGH <br> IN <br> INCH <br> JOG <br> LOW <br> LOWER <br> OFF <br> ON | $\begin{aligned} & 101 \\ & 102 \\ & 103 \\ & 104 \\ & 105 \\ & 106 \\ & 106 \\ & 108 \\ & 109 \\ & 110 \\ & 111 \\ & 112 \\ & 113 \\ & 114 \\ & 115 \end{aligned}$ | OPEN <br> OUT <br> RAISE <br> RESET <br> REVERSE <br> RUN <br> SLOW <br> START <br> STOP <br> TEST <br> UP <br> I (Int'I On) <br> 0 (Int'l Off) <br> EMO | $\begin{aligned} & 116 \\ & 117 \\ & 118 \\ & 119 \\ & 120 \\ & 121 \\ & 122 \\ & 123 \\ & 125 \\ & 126 \\ & 127 \\ & 150 \\ & 151 \\ & 152 \end{aligned}$ | AUTO-MAN <br> CLOSE-OPEN <br> DOWN-UP <br> FAST-SLOW <br> FOR-REV <br> HAND-AUTO <br> HIGH-LOW <br> JOG-RUN <br> LEFT-RIGHT <br> LOWER-RAISE <br> MAN-AUTO <br> OFF-ON <br> ON-OFF <br> OPEN-CLOSE <br> RAISE-LOWER | $\begin{aligned} & 201 \\ & 202 \\ & 203 \\ & 204 \\ & 205 \\ & 206 \\ & 207 \\ & 208 \\ & 209 \\ & 210 \\ & 211 \\ & 212 \\ & 213 \\ & 214 \\ & 215 \end{aligned}$ | REV-FOR <br> RUN-JOG <br> RUN-SAFE <br> SAFE-RUN <br> SLOW-FAST <br> START-STOP <br> STOP-START <br> UP-DOWN <br> OI (Int'I OFF ON | $\begin{aligned} & 216 \\ & 217 \\ & 218 \\ & 219 \\ & 220 \\ & 221 \\ & 222 \\ & 223 \\ & 250 \end{aligned}$ | AUTO-MAN-OFF <br> AUTO-OFF-MAN <br> CLOSE-OFF-OPEN <br> DOWN-OFF-SLOW <br> FAST-OFF-SLOW <br> FOR-OFF-REV <br> LEFT-OFF-RIGHT <br> LOWER-OFF-RAISE <br> OFF-MAN-AUTO <br> OFF-SLOW-FAST <br> OFF-1-2 <br> OPEN-OFF-CLOSE <br> SLOW-OFF-FAST <br> SUMMER-OFF-WINTER <br> UP-OFF-DOWN <br> 1-OFF-2 <br> HAND-OFF-AUTO | $\begin{aligned} & 301 \\ & 302 \\ & 303 \\ & 304 \\ & 305 \\ & 306 \\ & 307 \\ & 308 \\ & 309 \\ & 310 \\ & 311 \\ & 312 \\ & 313 \\ & 314 \\ & 315 \\ & 316 \\ & 317 \end{aligned}$ |

1. To order engraved nameplates, add legend code to nameplate part number.
2. Character height based on the number of characters and size of nameplate. Standard character size is 3/16".
3. Nameplates with standard legends are the same list price as blank nameplates.
4. Nameplates have built-in anti-rotation feature for use with notched panel cut-outs. Additional anti-rotation ring (HW9Z-RL) is not necessary.
