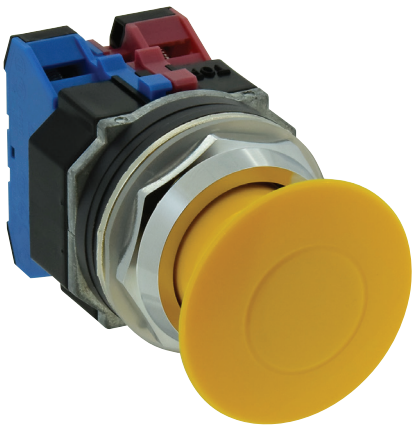


Stop Switches (Assembled)



Assembled Stop Switches

|                             | A | V                                      | (L)                           | D              | 3                | 22 | 11 | D | NU                       | R |                                                                            |
|-----------------------------|---|----------------------------------------|-------------------------------|----------------|------------------|----|----|---|--------------------------|---|----------------------------------------------------------------------------|
| <b>Function</b>             |   | V: Pushlock Turn Reset<br>Y: Push-Pull |                               |                |                  |    |    |   |                          |   | <b>Button/Lens Color Code</b>                                              |
| <b>Illumination</b>         |   |                                        | Blank: None<br>L: Illuminated |                |                  |    |    |   |                          |   | A: Amber<br>G: Green<br>R: Red<br>S: Blue<br>W: White<br>Y: Yellow         |
| <b>Series Designation</b>   |   |                                        |                               | D: TWND Series |                  |    |    |   | (illuminated units only) |   | D: LED                                                                     |
| <b>Button/Lens Size</b>     |   |                                        |                               |                | 3: 40mm Mushroom |    |    |   |                          |   | <b>Contact Arrangement</b>                                                 |
| <b>Illumination Circuit</b> |   |                                        |                               |                |                  |    |    |   |                          |   | 10: 1NO      01: 1NC<br>20: 2NO      02: 2NC<br>11: 1NO-1NC    22: 2NO-2NC |



- 1. Use only when interpreting part numbers. Do not use for developing part numbers.
- 2. Custom contact configurations available, contact IDEC for details.

## Stop Switches (Assembled)

## Stop Switches

| Style                                                                                                                       | Contacts                            | Part Number                                                        |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|
| ø 40mm Pushlock Turn Reset<br>             | 1NO<br>1NC<br>1NO-1NC<br>2NO<br>2NC | AVD310NUR*<br>AVD301NUR*<br>AVD311NUR*<br>AVD320NUR*<br>AVD302NUR* |
| ø 40mm Illuminated Pushlock Turn Reset<br> | 1NO-1NC<br>2NO<br>2NC               | AVLD3③11DNUR*<br>AVLD3③20DNUR*<br>AVLD3③02DNUR*                    |
| ø 40mm Push-Pull<br>                       | 1NO<br>1NC<br>1NO-1NC<br>2NO<br>2NC | AYD310NU①<br>AYD301NU①<br>AYD311NU①<br>AYD320NU①<br>AYD302NU①      |
| ø 40mm Illuminated Push-Pull<br>          | 1NO-1NC<br>2NO<br>2NC               | AYLD3③11DNU② **<br>AYLD3③20DNU② **<br>AYLD3③02DNU② **              |
|                                                                                                                             | 1NO-1NC<br>2NO<br>2NC               | AYLD3④11DNU② **<br>AYLD3④20DNU② **<br>AYLD3④02DNU② **              |

## ① Button Color Codes

| Color  | Code |
|--------|------|
| Black  | B    |
| Green  | G    |
| Red    | R    |
| Blue   | S    |
| Yellow | Y    |

## ② Lens Color Codes

| Color  | Code |
|--------|------|
| Amber  | A    |
| Green  | G    |
| Red    | R    |
| Blue   | S    |
| White  | W    |
| Yellow | Y    |

## ③ Full Voltage Codes

| Voltage   | Code |
|-----------|------|
| 6V AC/DC  | 66   |
| 12V AC/DC | 11   |
| 24V AC/DC | 22   |
| 120V AC   | QH2  |
| 240V AC   | QM4  |

## ④ Transformer Voltage Codes

| Voltage | Code |
|---------|------|
| 120VAC  | 126  |
| 240VAC  | 246  |
| 480VAC  | 486  |



Transformers step down to 6V.



1. In place of ①, specify the button color code.
2. In place of ②, specify the lens color code.
3. In place of ③, specify the Full Voltage (lamp voltage) Code.
4. \* Only available in red.
5. In place of ④, specify the transformer voltage code.
6. \*\*Not available in blue.
7. For sub-assembly part numbers, see next page.
8. For nameplates and accessories, see page 825 and page 823.
9. For dimensions, see page 828.

## Stop Switches (Sub-Assembled)



\* Not required for full voltage units.

### Operators

| Style                                                     |  | Part Number |
|-----------------------------------------------------------|--|-------------|
| ø40mm Illuminated and Non-illuminated Pushlock Turn Reset |  | AVD000T8    |
| ø 40mm Illuminated and Non-illuminated Push-Pull          |  | AYD000T8    |

### Buttons and Lenses

| Style                                                                    |        | Part Number |
|--------------------------------------------------------------------------|--------|-------------|
| Button for Pushlock Turn Reset Stop Switches (ø40mm, red only)           |        | AVN3B-R     |
| Lens for Illuminated Pushlock Turn Reset Stop Switches (ø40mm, red only) |        | AVLN3LD-R-K |
| Button for Push-Pull Stop Switches (ø40mm)                               |        | AYD3BN-①    |
| Lens for Illuminated Push-Pull Stop Switches (ø40mm)                     | 2 pos* | AYLD3LD-②-K |

1. In place of ①, specify the Button Color Code. (See table below)
2. In place of ②, specify the lens Color Code.
3. \*Not available in blue.

### Lamp Circuit Components

| Style                | Application                                                   | Part Number |
|----------------------|---------------------------------------------------------------|-------------|
| Long Lamp Holder<br> | <b>Used with</b> Full-size Transformer and two contact blocks | TW-LH2      |
|                      | <b>Used with</b> Full Voltage Adaptor and two contact blocks  |             |
| Lead Holder<br>      | <b>Used with</b> TW-LH2 holder when using four contact blocks | HW-LH3      |

### LEDs

| Style | Voltage    | Part Number |
|-------|------------|-------------|
|       | 6V AC/DC   | LSRD-6      |
|       | 12V AC/DC  | LSRD-1      |
|       | 24V AC/DC  | LSRD-2      |
|       | 120V AC/DC | LSRD-H2     |
|       | 240V AC    | LSRD-M4     |



1. In place of ②, specify the lens color code.
2. The LED contains a current-limiting resistor and a protection diode.

### ② Lens Color Codes

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

### ① Button Color Codes

| Color  | Code |
|--------|------|
| Black  | B    |
| Green  | G    |
| Red    | R    |
| Blue   | S    |
| Yellow | Y    |

### Contact Blocks

| Style             |  | Part Number            |                        |
|-------------------|--|------------------------|------------------------|
|                   |  | 1NO                    | 1NC                    |
| All Control Units |  | HW-U10-F               | HW-U01-F               |
|                   |  | HW-U10R-F (early make) | HW-U01R-F (late break) |
| Dummy Block       |  | HW-DB                  |                        |



1. Dummy blocks (no contacts) are used with an odd number of contact blocks.
2. Combining HW-U10R-F and HW-U01R-F result in overlapping contacts.

### Transformers

| Style | Primary Voltage (50/60Hz) | Part Number |
|-------|---------------------------|-------------|
|       | 120V AC                   | TW-F126B    |
|       | 240V AC                   | TW-F246B    |
|       | 480V AC                   | TW-F486B    |



6V secondary voltage (uses 6V LED).

### Full Voltage Modules

| Style                                 |  | Description                           | Part Number              |
|---------------------------------------|--|---------------------------------------|--------------------------|
| Dummy Block with Full Voltage Adaptor |  | For use with odd number of contacts.  | Finger-Safe<br>HW-DA1FBN |
| Full Voltage Adaptor                  |  | For use with even number of contacts. | Finger-Safe<br>TW-DA1FB  |



All Transformers step down to 6V (use 6V lamp).