



**11D18-1**



**11D55-1**

## WELL IMMERSION SINGLE CONTROL

Types for use as High Limit, Reverse Action or SPDT Switching  
Action: May Be Mounted Either Horizontal or Vertical.

### FEATURES

- Extra capillary length for extended shank wells.
- Special screw terminals with “ears” securely hold solid and stranded wires.
- Screwdriver-adjustable differential with direct-read indicator.
- Knockouts on top and bottom and plenty of wiring room.
- Hydraulic action element — fast acting.

### SPECIFICATIONS

Dimensions .....  $5\frac{3}{8}''$  H +  $2\frac{5}{16}''$  coil x  $2\frac{9}{16}''$  D  
Finish ..... Grey  
Agency ..... U.L. listed and C.S.A. certified

### PARTS AND ACCESSORIES

 See end of this section for additional parts and accessories

- F145-0163 — Tube heat conductive compound
- F145-0650 — Well adapter and heat conductive compound
- F71-0924 — Well adapter only
- Immersion wells — see page 156

### TYPES WITH BULBS DIRECTLY INTERCHANGEABLE WITH HONEYWELL ( $2\frac{3}{4}''$ x $\frac{3}{8}''$ ) No wells included.

| Model Number | Range                         | Differential             | Switch Action | Full Electrical Rating | Motor Rating (Full Load) |         | Valves and Relays |            |
|--------------|-------------------------------|--------------------------|---------------|------------------------|--------------------------|---------|-------------------|------------|
|              |                               |                          |               |                        | 120 VAC                  | 240 VAC | 24 VAC            | 0.3-12v DC |
| 11D18-1 ①    | 100 to 240°F<br>(38 to 116°C) | 5 to 45°F<br>(3 to 25°C) | Open on Rise  | HTV<br>See page 219    | 10.0A                    | 6.0A    | 6.0A              | 1.0A       |
| 11D31-1      | 100 to 240°F<br>(38 to 116°C) | 7 to 45°F<br>(4 to 25°C) | SPDT          | HH<br>See page 219     | 7.4A                     | 3.7A    | 2.9A              | —          |
| 11D55-1      | 150 to 290°F<br>(66 to 143°C) | Manual Reset             | Open on Rise  | HTV<br>See page 219    | 10.0A                    | 6.0A    | 6.0A              | 1.0A       |

① Has U.L. approved adjustable dial stop, factory set at 150°F maximum.

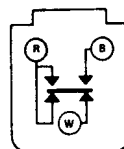
### TYPES WITH TAPERED BULBS ( $2\frac{7}{16}''$ x $\frac{7}{16}''$ ) All types include $\frac{1}{2}''$ standard shank well.

| Model Number | Range                          | Differential               | Switch Action | Full Electrical Rating | Motor Rating (Full Load) |         | Valves and Relays |            |
|--------------|--------------------------------|----------------------------|---------------|------------------------|--------------------------|---------|-------------------|------------|
|              |                                |                            |               |                        | 120 VAC                  | 240 VAC | 24 VAC            | 0.3-12v DC |
| 1131-102 ①   | 100 to 240°F<br>(38 to 116°C)  | 7 to 45°F<br>(4 to 25°C)   | SPDT          | HH<br>See page 219     | 7.4A                     | 3.7A    | 2.9A              | —          |
| 11B05-101    | 100 to 240°F<br>(38 to 116°C)  | 5 to 45°F<br>(3 to 25°C)   | Close on Rise | HT<br>See page 219     | 14.0A                    | 7.0A    | —                 | —          |
| 11B18-101 ①  | 100 to 240°F<br>(38 to 116°C)  | 5 to 45°F<br>(3 to 25°C)   | Open on Rise  | HTV<br>See page 219    | 10.0A                    | 6.0A    | 6.0A              | 1.0A       |
| 11B18-153 ②  | 35 to 110°F<br>(2 to 43°C)     | Fixed 2°F<br>(1°C)         | Open on Rise  | HTV<br>See page 219    | 10.0A                    | 6.0A    | 6.0A              | 1.0A       |
| 11B27-9 ③    | 100 to 500°F<br>(40 to 260°C)  | Manual Reset               | Open on Rise  | FG<br>See page 219     | 14.0A                    | 7.0A    | 5.6A              | —          |
| 11B27-10 ③   | 250 to 650°F<br>(121 to 343°C) | Manual Reset               | Open on Rise  | FG<br>See page 219     | 14.0A                    | 7.0A    | 5.6A              | —          |
| 11B30-104    | 100 to 240°F<br>(38 to 116°C)  | 8 to 45°F<br>(4.5 to 25°C) | Open on Rise  | HTV<br>See page 219    | 10.0A                    | 6.0A    | 6.0A              | 1.0A       |

① Has U.L. approved adjustable dial stop, factory set at 150°F maximum.

② Has special straight well for 4" x  $\frac{7}{16}''$  straight bulb.

③ Has 7' capillary and 3" x  $\frac{5}{16}''$  straight bulb.



### SPDT Contact Structure

HH Rated Controls

#### Switch Action

R-B Open on Rise

R-W Close on Rise