The Series 750H Hermetically Sealed Electromechanical Relay is designed to be used in Class I Division 2 hazardous area locations. Gold flashed contacts provide protection against oxidation in low current / voltage applications. 8-pin and 11-pin sockets are available to allow quick and easy installation for both surface and DIN rail mounting.

### SPECIFICATIONS

- **Operating and Load Voltage Range:** 24 to 120 VAC.
- **Operating Range (% of Nominal):** 85 to 110% (AC operated); 80 to 110% (DC operated).
- **Electrical Connection:** AgSnO screw terminals.
- **Switching Operation:** DPDT.
- **Electrical Rating:** 12 A @ 120/240 VAC (50/60 Hz) or 28 VDC.
- **Temperature Limits:** Storage: -40 to 185°F (-40 to 85°C); Operation: -40 to 131°F (-40 to 55°C).
- **Power Consumption:** 1.2 VA; 0.9 W.
- **Cycle Life:** 100,000 cycles (electrical); 10,000,000 cycles (mechanical).
- **Housing:** Metal.
- **Weight:** 4.6 oz (130 g).
- **Enclosure Rating:** Class 1 Div. 2.
- **Agency Approvals:** CE, RoHS, cUL*, UL*, cUR, UR.

### INPUT VOLTAGE

<table>
<thead>
<tr>
<th>AC Operated Model</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
<th>Number of Pins</th>
</tr>
</thead>
<tbody>
<tr>
<td>W199AX-13</td>
<td>24 VAC, 50/60 Hz</td>
<td>12 Ω</td>
<td>8-pin</td>
</tr>
<tr>
<td>W199AX-14</td>
<td>120 VAC, 50/60 Hz</td>
<td>290 Ω</td>
<td>8-pin</td>
</tr>
<tr>
<td>W199AX-15</td>
<td>240 VAC, 50/60 Hz</td>
<td>1200 Ω</td>
<td>8-pin</td>
</tr>
<tr>
<td>DC Operated Model</td>
<td>Input Voltage</td>
<td>Coil Resistance</td>
<td>Number of Pins</td>
</tr>
<tr>
<td>W199X-13</td>
<td>24 VDC</td>
<td>290 Ω</td>
<td>11-pin</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- 70-750DL11-1, Socket for 750H series relay (11-pin)
- 70-750DL8-1, Socket for 750H series relay (8-pin)
- 70-ASMM-24, Protection modules, MOV suppressor, 24 VAC/VDC
- 70-ASMM-120, Protection modules, MOV suppressor, 24 VAC/VDC
- 16-750788CBJ-1, Coil bus jumpers

*When used with listed sockets.*

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**The Series 750H Hermetically Sealed Electromechanical Relay is designed to be used in Class I Division 2 hazardous area locations. Gold flashed contacts provide protection against oxidation in low current / voltage applications. 8-pin and 11-pin sockets are available to allow quick and easy installation for both surface and DIN rail mounting.**

### SPECIFICATIONS

- **Operating and Load Voltage Range:** 24 to 240 VAC, 24 VDC.
- **Operating Range (% of Nominal):** 85 to 110% (AC operated); 80 to 110% (DC operated).
- **Electrical Connection:** AgSnO screw terminals.
- **Switching Operation:** DPDT.
- **Electrical Rating:** 40 A @ 300 VAC/28 VDC; 5 A @ 480/600 VAC.
- **Temperature Limits:** Storage: -67 to 212°F (-55 to 100°C); Operation: -67 to 131°F (-55 to 55°C).
- **Power Consumption:** 10 VA, 4 W.
- **Cycle Life:** 100,000 cycles (electrical); 1,000,000 cycles (mechanical).
- **Housing:** Plastic phenolic.
- **Weight:** 8 to 11 oz (227 to 312 g).
- **Agency Approvals:** CE, CSA, RoHS, cUL, UL, cUR, UR.

### ACCESSORIES

- 70-750DL11-1, Socket for 750H series relay (11-pin)
- 70-750DL8-1, Socket for 750H series relay (8-pin)
- 70-ASMM-24, Protection modules, MOV suppressor, 24 VAC/VDC
- 70-ASMM-120, Protection modules, MOV suppressor, 24 VAC/VDC
- 16-750788CBJ-1, Coil bus jumpers

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