MS11

ADJUSTABLE RANGE, STAINLESS STEEL MICROWAVE TOUCHLESS ACTUATOR

DESCRIPTION

BEA’s MS11 is an aesthetically pleasing, touchless activation device designed to reduce the spread of germs and improve accessibility in healthcare, retail, industrial and commercial settings. The MS11 has been purpose-built to withstand the extreme rigors of fast-paced and sanitary environments.

The flush-mount MS11 is a durable stainless steel device utilizing adjustable-range microwave technology. The MS11’s illuminated center and audible signaling confirms activation and encourages proper touchless use.

The MS11 detects moving objects such as a hand, cart or wheelchair and is designed for use in hospitals, pharmacies, clean rooms, food service and other areas needing highly accessible and germ-free activation.

FEATURES & BENEFITS

- NEMA 4 (IP65) enclosure capable of use in industrial and extreme washdown environments
- Illuminated blue center changes to green upon signal reception / activation
- Adjustable sensing zone from 2 – 24 inches (pulse or toggle)
- Adjustable audible alert setting, including silent-mode required for hospitals and other noise-sensitive environments
- Configurable output hold time of 1 – 30 seconds allowing unique, user-defined device placement
- Compatible with all automatic door control makes and models
APPLICATIONS
-

HEALTHCARE ENVIRONMENTS
CLean Rooms and Sterile Facilities
WASHDOWN RESISTANT

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Technology</th>
<th>Microwave Doppler Radar</th>
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</thead>
<tbody>
<tr>
<td>Detection Mode</td>
<td>Motion (bidirectional), Toggle or Timed Mode</td>
</tr>
<tr>
<td>Sensing Zone **</td>
<td>2 in – 24 in (adjustable)</td>
</tr>
<tr>
<td>Hold Time</td>
<td>1 s – 30 s</td>
</tr>
<tr>
<td>Alert Settings</td>
<td>Silent Mode or Signal Mode</td>
</tr>
<tr>
<td>Audible Alert</td>
<td>Blue (Standby) Green (Activation)</td>
</tr>
<tr>
<td>Visual Alert</td>
<td></td>
</tr>
<tr>
<td>Supply Voltage</td>
<td>12 – 24 VAC / VDC or 5 VDC</td>
</tr>
<tr>
<td>Current Consumption</td>
<td>&lt; 2.8 W</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>−22 °F – 158 °F</td>
</tr>
<tr>
<td>Enclosure Rating</td>
<td>NEMA 4 / IP65</td>
</tr>
<tr>
<td>Relay</td>
<td>1-Form C Solid State Relay</td>
</tr>
<tr>
<td></td>
<td>1 A 30 VAC / VDC (max)</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Single Gang</td>
<td>2.75 in (W) × 4.5 in (H) × 0.98 in (D)</td>
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<tr>
<td>Double Gang</td>
<td>4.5 in (W) × 4.5 in (H) × 0.98 in (D)</td>
</tr>
<tr>
<td>Jamb</td>
<td>1.68 in (W) × 4.5 in (H) × 0.98 in (D)</td>
</tr>
<tr>
<td>Wire Harness Length</td>
<td>12 in</td>
</tr>
<tr>
<td>Material</td>
<td>Stainless Steel (faceplate) / ABS (center)</td>
</tr>
</tbody>
</table>

** See User's Guide

MONITORING TECHNOLOGY

- MS11
- MS11D
- MS11S

RELATED PRODUCTS

- 10MS11S
  - STAINLESS STEEL
  - SINGLE GANG
- 10MS11J
  - STAINLESS STEEL
  - JAMB STYLE
- 10MS11D
  - STAINLESS STEEL
  - DOUBLE GANG
- 10MS11SW
  - WHITE POWDERCOAT
  - SINGLE GANG
- 10MS11OW
  - WHITE POWDERCOAT
  - JAMB STYLE
- 10MS11DW
  - WHITE POWDERCOAT
  - DOUBLE GANG
- 10RD900
  - 900 MHZ RECEIVER
- 10TD900TR
  - 900 MHZ RETROFIT TRANSMITTER
- 10ABXSGSMS
  - SINGLE GANG ANGLED MOUNTING BOX

DIMENSIONAL DRAWINGS

- Single Gang
- Double Gang
- Jamb

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