MS21
SHORT-RANGE CAPACITIVE TOUCHLESS ACTUATOR

DESCRIPTION
BEA’s MS21 is the industry’s first low-profile touchless actuator plate utilizing capacitive technology for the activation of automatic doors.

The hands-free MS21 includes a stainless steel faceplate and an illuminated LED mounting ring for unparalleled durability, visibility and convenience.

The MS21 blends form with function into an aesthetically pleasing design that is ideal for healthcare facilities, labs, pharmaceutical, clean rooms, washdown areas and a variety of other applications. The MS21 helps reduce the spread of germs and bacteria.

Innovative features include a short-range adjustable detection zone, visual and audible alerts, IP65 rated enclosure, backlit LED and a variety of faceplate design options.

Ideal For Close Quarter Environments
Short range detection zone reduces unwanted activations

Highly Visible
LED illuminated mounting ring increases visibility

Durable, Weather-resistant Design
Stainless steel faceplate is ideal for harsh environments

Aesthetically Pleasing
Low profile, beveled design reduces accidental damage

Various Artwork Options
Various faceplate graphic options available

Adjustable Features
Adjustable audible alerts, visual alerts and touchless detection zones

Universally Compatible With Automatic Doors
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>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology Type</td>
<td>Capacitive Sensing</td>
</tr>
<tr>
<td>Detection Mode</td>
<td>Proximity</td>
</tr>
<tr>
<td>Supply Voltage</td>
<td>12 – 24 VAC / VDC</td>
</tr>
<tr>
<td>Current Consumption</td>
<td>37 mA (typical)</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-20 – 120 °F</td>
</tr>
<tr>
<td>Degree of Protection</td>
<td>IP65</td>
</tr>
<tr>
<td>Sensing Zone**</td>
<td>0 – 4”</td>
</tr>
<tr>
<td>Relay</td>
<td>1 Form A solid-state relay; 0.4 A, 60 VAC / VDC (Max.)</td>
</tr>
<tr>
<td>Cable Length</td>
<td>6” (5-conductor)</td>
</tr>
<tr>
<td>Material</td>
<td>Stainless Steel (faceplate) Clear Polycarbonate (Mounting Ring, Backplate and Enclosure)</td>
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</tbody>
</table>

** See User’s Guide

PRODUCT SERIES

- **10MS21HR1**
  - 6” round, text & logo
- **10MS21HR**
  - 6” round, text only
- **10MS21HRL**
  - 6” round, logo only
- **10MS21HS1**
  - 4.75” square, text & logo
- **10MS21HS**
  - 4.75” square, text only
- **10MS21HSLL**
  - 4.75” square, logo only
- **10RD900**
  - 900 MHz Receiver
- **10TD900TR**
  - 900 MHz retrofit transmitter

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