Our Cat5e/6 enabled Low Voltage Switches are designed primarily for applications where flying leads are not desired in the field. The soft contours of this aesthetically pleasing design fits easily into any decor. This switch is only available as a momentary version and is suitable for use with PowerHUBB, NX, CX and even the Hubbell Control Solutions (HCS) power packs so long as the connections to the category cable are terminated per instructions and the pin-out guidelines set by HCS.

### Product Features
- Attractive, architecturally pleasing design
- Momentary button action
- 2 and 3 buttons with Pilot Light
- Mounts to standard single-gang box
- Use standard decorator wall plates (order separately)
- Connect using Cat5e/6 cables
- Low voltage device: 24 VDC
- Five-year limited warranty

### Compliance and Certification

### Dimensional Data

### Ordering Information

<table>
<thead>
<tr>
<th>SWITCH MODEL</th>
<th>SWITCH TYPE</th>
<th>NUMBER OF BUTTONS</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>LVS</td>
<td>RJ45</td>
<td>2 with Pilot LEDs</td>
<td>WH</td>
</tr>
<tr>
<td></td>
<td>RJ45 Enabled</td>
<td>3 with Pilot LEDs</td>
<td></td>
</tr>
</tbody>
</table>

*NXPBAR denotes two (2) barriers*
Wiring Diagram

Connections to PowerHUBB node inputs

LVSRJ45-2 Switch Station (Front)
LVSRJ45-3 Switch Station (Front)
LVSRJ45-x Switch Station (Back)
## General Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Ratings</strong></td>
<td>Each switch: 100mA @ 30VDC Max</td>
</tr>
<tr>
<td></td>
<td>Each pilot LED: 18-30VDC, internal 2.2kohm, ½ Watt resistor</td>
</tr>
<tr>
<td><strong>Configurations</strong></td>
<td>2 and 3 buttons, with pilot LED Momentary</td>
</tr>
<tr>
<td><strong>Operating environment</strong></td>
<td>Indoor use only</td>
</tr>
<tr>
<td></td>
<td>Operating temperature: 32° to 122°F (0° to 50°C)</td>
</tr>
<tr>
<td></td>
<td>Relative humidity (non-condensing): 10%-90%</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>Housing – Rugged, high-impact, injection-molded plastic</td>
</tr>
<tr>
<td></td>
<td>2 - RJ45 ports on rear</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>1.88&quot;W x 4.25&quot;H x 1.56&quot;D (47.75mm x 107.95mm x 39.63mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>3.0 oz [85.0 g]</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Single-gang NEMA-style switch box (average switch box)</td>
</tr>
<tr>
<td></td>
<td>Decorator-style wall plate not included</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>Five-year limited</td>
</tr>
</tbody>
</table>

Connections to CX or NX

Relay inputs

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**LVSSRJ45-3 Switch Station**

- RJ45 Connector
- Cat5e/6 Cable (T568B)
- 0, 1, 2, 3, 4, 5, 6, 7
- Brown/White
- Brown
- Blue
- Orange
- Green
- Green/White
- Orange/White
- Blue/White

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**Electrical Ratings**

- Each switch: 100mA @ 30VDC Max
- Each pilot LED: 18-30VDC, internal 2.2kohm, ½ Watt resistor

**Configurations**

- 2 and 3 buttons, with pilot LED Momentary

**Operating environment**

- Indoor use only
- Operating temperature: 32° to 122°F (0° to 50°C)
- Relative humidity (non-condensing): 10%-90%

**Construction**

- Housing – Rugged, high-impact, injection-molded plastic
- 2 - RJ45 ports on rear

**Dimensions**

- 1.88"W x 4.25"H x 1.56"D (47.75mm x 107.95mm x 39.63mm)

**Weight**

- 3.0 oz [85.0 g]

**Mounting**

- Single-gang NEMA-style switch box (average switch box)
- Decorator-style wall plate not included

**Warranty**

- Five-year limited