Universal Visible-Blade Disconnect Switch

UL, CSA, CE and CCC for Worldwide Applications up to 600 Amps

Features and Benefits

- **Visible blade design** – determine if the switch is ON or OFF at a glance
- **Global acceptance** – designed and tested to various international standards
- **Universal mechanism** – same switch can be connected to a threaded rod or a cable mechanism for reduced inventory
- **Panel space savings** – a reduced footprint and multiport lugs can reduce space by up to 30%
- **Highly flexible cable operator** – giving freedom to mount the switch wherever needed
- **Ease of installation** – modular components with simple instructions in both printed and video formats
- **Thinner cable design** – more flexibility with six inch bend diameter
- **Switch design** – integrates phase barriers with line and load markings into the switch body
- **Fuse barriers** – scored for different fuse lengths and included with each fuse block
- **Snap-on accessories** – faster installation

The Allen-Bradley® 1494 universal visible-blade disconnect switch provides customers the extra level of visual ON or OFF indication of a knife-blade disconnect design. This disconnect switch addresses needs across industries that have a global customer base by providing UL, CSA, CE and CCC ratings in a single product line.

End users can choose from a number of styles and options to meet their specific application needs, including non-fusible or fusible versions. The universal disconnect switches are unique in that they can be connected for rod or cable operation in the field. With the cable option, users also have the flexibility to mount the switch anywhere in the panel, regardless of handle location.

Panel builders may take advantage of our accessories to drive added safety and convenience. And, our unique system level design means NFPA 79 compliance is maintained with both open and closed panel doors.
Modular design and worldwide certifications put the “u” in universal

The 1494 universal disconnect switch has up to a 30 percent smaller footprint than previous switch offerings. With the addition of the multi-port lug connector, users can eliminate space-taking distribution blocks and wire directly to the disconnect switch. This combination can significantly reduce in-panel footprint.

Visible Blade Construction
- Intuitive visible-blade indication
- Efficient, space saving format
- Robust modern design

Universal Mechanism
- Adaptable configuration
- Reliable operation

Fuse Blocks
- Common base across 30/60/100A
- Integrated Phase Barriers
- J, R-type fuse direct mount options

Single Port Lugs
- Aluminum or copper options
- UL tested and certified
- Line terminal adaptable

Multi Port Lugs
- Attaches to load side of switch or fuse block for branch circuits
- Panel space saving – eliminates a distribution block and extra wiring
- 6+ wire ports
- Compatible with copper and aluminum wiring
Fuse Barriers
• Scored for different fuse lengths and included with each fuse block

1494U Rod-Operated System
• One rod length to cover enclosure depths with working depths up to 19”
• Simple field connection to the universal switch mechanism

1494U Cable-Operated System
• Cable available in 3', 4', 5' and 6' lengths
• New cable design improves flexibility, reducing bend diameter
• Simple field connection to the universal switch mechanism

Handles for any Application
• Plastic type 1, 3R, 4, 4X
• Painted metal type 1, 3R, 4
• Stainless type 1, 3R, 4, 4X

Optional Accessories

Auxiliary Contacts
• Normally open or normally closed
• 10A or low level switching

Protective Cover
• Provides “back-of-hand” restriction
• Integrates line and load protection
• Quick and easy installation — no tools required
Specifications

Electrical Ratings

<table>
<thead>
<tr>
<th>Switch Size</th>
<th>30A</th>
<th>60A</th>
<th>100A</th>
<th>200A</th>
<th>400A</th>
<th>600A</th>
<th>Rated insulation voltage Ui (UL) IEC</th>
<th>(600) 660V</th>
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<tbody>
<tr>
<td>30A switch</td>
<td>7.5</td>
<td>15</td>
<td>30</td>
<td>60</td>
<td>125</td>
<td>60</td>
<td>230V/60 Hz</td>
<td>15</td>
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<td>30</td>
<td>50</td>
<td>75</td>
<td>150</td>
<td>125</td>
<td>406V/60 Hz</td>
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<td>200A switch</td>
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<td>40</td>
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<td>50</td>
<td>600V DC</td>
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<td>60</td>
<td>100</td>
<td>200</td>
<td>400</td>
<td>600</td>
<td>600V AC</td>
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<tr>
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<td>185</td>
<td>220V/50 Hz</td>
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<tr>
<td>440V/50 Hz</td>
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<td>90</td>
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<td>495</td>
<td>440V/50 Hz</td>
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<td>55</td>
<td>110</td>
<td>257</td>
<td></td>
<td>550V/50 Hz</td>
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Aluminum lug/line kits are provided with each disconnect switch.

www.rockwellautomation.com