XR Series SPDs
Square D Type 1
Surge Protective Devices

Square D™ brand Surgelogic™ XR series products are compact and affordable Surge Protective Devices (SPDs). XR series SPDs offer a simple means to bring down initial surges to manageable levels and can offer additional value in a cascaded SPD system. Their compact design allows surge suppression to be installed adjacent to power panels or directly on sensitive equipment.
XR Series SPDs

Features

Superior Performance
Square D brand Surgelogic XR series SPDs utilize high-energy suppression circuitry that can be located at any point in the electrical system. They have the flexibility to be used with or without an Overcurrent Protection Device (OCPD).

XR series SPDs provide surge suppression for equipment from severe transient activity. Each MOV is individually fused and the products carry a NEMA Type 4X rating suitable for installing indoors, outdoors, or in other harsh environments.

Easy Installation
Surgelogic XR series SPDs are some of the most versatile, yet compact devices available on the market today. This compact package can be mounted on an electrical panel, meter socket, or inside electrical control cabinets.

Warranty
The XR series products warranty is 10 years.

The XR series provides high-quality surge suppression in a compact and versatile package. This product is ideal for panel builders as well as manufacturers and integrators of instrumentation cabinets for industrial, commercial, and residential applications for single-phase power systems.

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Surge Current</th>
<th>Configuration</th>
<th>Model Number</th>
<th>MCOV</th>
<th>SCCR</th>
<th>Iₕ</th>
<th>L-N</th>
<th>L-G</th>
<th>L-L</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/240 V</td>
<td>50kA</td>
<td>1Ø, 3-wire+G, side mounted</td>
<td>TVS120XR50S</td>
<td>150V L-N, L-G 300V L-L</td>
<td>25kA</td>
<td>10kA</td>
<td>700V</td>
<td>800V</td>
<td>1200V</td>
</tr>
<tr>
<td>120/240 V</td>
<td>80kA</td>
<td>1Ø, 3-wire+G, side mounted</td>
<td>TVS120XR80S</td>
<td>150V L-N, L-G 300V L-L</td>
<td>25kA</td>
<td>10kA</td>
<td>700V</td>
<td>800V</td>
<td>1200V</td>
</tr>
<tr>
<td>120/240 V</td>
<td>100kA</td>
<td>1Ø, 3-wire+G, side mounted</td>
<td>TVS120XR100S</td>
<td>150V L-N, L-G 300V L-L</td>
<td>25kA</td>
<td>10kA</td>
<td>700V</td>
<td>800V</td>
<td>1200V</td>
</tr>
<tr>
<td>120/240 V</td>
<td>120kA</td>
<td>1Ø, 3-wire+G, side mounted</td>
<td>TVS120XR120S</td>
<td>150V L-N, L-G 300V L-L</td>
<td>25kA</td>
<td>10kA</td>
<td>700V</td>
<td>800V</td>
<td>1200V</td>
</tr>
</tbody>
</table>

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Schneider Electric USA, Inc. 1751 S. 4800 W., Salt Lake City, UT 84104, USA  Telephone: (801)-977-9009  Fax: (801)-977-0200  www.surgelogic.com

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