Surge Protection Made Simple™
IEC Applications

High Performance Lightning & Surge Protection Products for All IEC Applications

- Vibration and shock resistant according to EN 60068-2 standards.
- easyID™ Visual indication and optional remote contact signaling make status monitoring simple.
- High surge discharge capacity due to heavy-duty zinc oxide varistor and spark-gap technology.
- Wide range of IEC Class I and Class II SPD covering all the major markets around the world.
- Modular DIN-rail design with color-coding and rejection feature makes it easy to identify, install and maintain.

See data sheets #1163 to 1169 • www.cooperbussmann.com/surge
The Need for Surge Protection

Today’s world is full of electronic products and devices that are susceptible to damage from overvoltage surges.

Whether the cause is static discharge or lightning, overvoltage surges can quickly destroy consumer electronics or sophisticated electronic packages used in industrial and commercial applications.

Surge protection products from Cooper Bussmann help assure power quality that’s free from damaging surges and overvoltage conditions.

Safe and Simple

• IP20 Finger-safe construction.
• Suppressor rejection feature make it easy to know the suppressor system is installed and properly operating to protect your IEC system investment.
• Simple selection of system voltage and remote contact signaling option.
• Five year limited warranty.*

Complete Line of Surge Protection Solutions

Cooper Bussmann offers surge protection products for UL, PV, wind power and telecom applications.

Ordering Information

<table>
<thead>
<tr>
<th>Power System Poles</th>
<th>Volts</th>
<th>Cooper Bussmann Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TN 2</td>
<td>230</td>
<td>BSPS2255TN(R)</td>
<td>230V Combined lightning current and surge arrester for 2-pole TN systems (remote)</td>
</tr>
<tr>
<td>TNC 3</td>
<td>230</td>
<td>BSPS3255TNC(R)</td>
<td>230V Combined lightning current and surge arrester for 3-pole TN-C systems (remote)</td>
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<tr>
<td>TNS 4</td>
<td>230</td>
<td>BSPS4255TNS(R)</td>
<td>230V Combined lightning current and surge arrester for 4-pole TN-S systems (remote)</td>
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<tr>
<td>TT 2</td>
<td>230</td>
<td>BSPS2255TT(R)</td>
<td>230V Combined lightning current and surge arrester for single-phase 1+1 TT and TN systems (remote)</td>
</tr>
<tr>
<td>TT 4</td>
<td>230</td>
<td>BSPS4255TT(R)</td>
<td>230/400V Combined lightning current and surge arrester for 3+1 TT and TN-S systems (remote)</td>
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</tbody>
</table>

Lightning Arrestors - IEC Class I

<table>
<thead>
<tr>
<th>Power System Poles</th>
<th>Volts</th>
<th>Cooper Bussmann Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>TN 1</td>
<td>230</td>
<td>BSPM1275TN(R)</td>
<td>230V Surge arrester for single-pole TN systems (remote)</td>
</tr>
<tr>
<td>TN 1</td>
<td>320</td>
<td>BSPM1320TN(R)</td>
<td>320V Surge arrester for single-pole TN systems (remote) (India Market 230/400V)</td>
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<tr>
<td>TN 1</td>
<td>400</td>
<td>BSPM1385TN(R)</td>
<td>400V Surge arrester for single-pole TN systems (remote) (Chinese Market 230/400)</td>
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<tr>
<td>TN 1</td>
<td>440</td>
<td>BSPM1440TN(R)</td>
<td>440V Surge arrester for single-pole TNC systems (400/690V) (remote)</td>
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<tr>
<td>TN 2</td>
<td>230</td>
<td>BSPM2225TN(R)</td>
<td>230V Surge arrester for 2-pole TN systems (remote)</td>
</tr>
<tr>
<td>TNC 2</td>
<td>230</td>
<td>BSPM2375TNC(R)</td>
<td>230/400V Surge arrester for 3-pole TNC systems (remote)</td>
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<tr>
<td>TNS 4</td>
<td>230</td>
<td>BSPM4275TNS(R)</td>
<td>230/400V Surge arrester for 3-pole TNS systems (remote)</td>
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<tr>
<td>TT 2</td>
<td>230</td>
<td>BSPH2275TT(R)</td>
<td>230V Surge arrester for 2-pole phase TT systems (remote)</td>
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<tr>
<td>TT 4</td>
<td>230</td>
<td>BSPH4275TT(R)</td>
<td>230/400V Surge arrester for 3+1 TT and TN-S systems (remote)</td>
</tr>
</tbody>
</table>

System Type

IT = IT system
TNS = TNS system
TN = TN system
TT = TT system
TNC = TNC system

Optional Remote Contact Signaling

R = Optional contact signaling
Blank = No remote switch option

Base & Module Number System

BSP = Product Series
M = MOV
S = Spark-Gap
H = Hybrid
G = GDT

System Voltage

230 = 230Vac
320 - 320Vac - Specific to India
400 = 400Vac - Specific to China
440 = 440Vac

System Type

IT = IT system
TNS = TNS system
TN = TN system
TT = TT system
TNC = TNC system

Ordering Information

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* See Cooper Bussmann SPD Limited Warranty Statement (3A1502) for details at www.cooperbussmann.com/surge.