



# Safety and Security against Lightning & Surge Voltage

OBO Surge protection devices





### Lightning arrester / Type 1 / Class B

- Up to 125 kA (10/350) conductivity
- For Industrial applications – pre-protected up to 500 A
- Patented high-performance carbon spark gap technology with LED indication
- Fail-safe operation through patented quick release mechanism



### Combination arrester / Type 1+2 / Class B+C

- Up to 50 kA (10/350) conductivity
- Lightning current and surge arrester in one device, ideal for use in residential buildings
- High-performance varistor systems
- Available with remote indication option



### Surge arrester / Type 2 / Class C

- Up to 40 kA (8/20) conductivity
- Suitable for main and secondary distribution boards like lighting, Power & UPS application
- High-performance varistor systems
- Available with remote indication option
- LED street light protection SPDs available



### Surge arrester / Type 3 / Class D

- Up to 10 kA (8/20) conductivity
- Series installation in secondary distribution Systems
- Protects your Data, Voice and Telecommunication devices from transient surges
- Offers best protection for CCTV cameras, Television and Network server Applications
- Surge protection device with Gas Discharge Tube (GDT) and diodes for precise clamping voltage



### Photovoltaic system solutions

- Product available for both Type 1+2 (Class B+C) & Type 2 (Class C)
- Available in 1000 & 1500V DC application with failure indication



### Isolating Spark gap

- Used in pipelines (Oil/Gas) to avoid damage of flanges due to lightning
- Indirect by-passing of lightning over insulating flanges and insulating glands
- Graphite based Spark gap suitable for outdoor application
- VDE/IEC Tested

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