



FIRST POWER &
SURGE PROTECTION LTD

New Wiring Regulations - BSEN 62305 New Standards

FREE*
OVERVIEW OF
LIGHTNING
PROTECTION
GUIDELINES
NEW 17TH
EDITION

Lightning and Surge Arresters for Panel Builders / Switchgear Manufacturers

Amendment 1 of BS 7671 17th Edition Wiring Regs state that **'The system must be protected against transient O/V using Surge Protection Devices (SPD's)'**.

The following primary 'R' values MUST be protected and NEVER breached:

- ✓ R1 - Loss or Risk to Loss of Human Life
- ✓ R2 - Loss of Services to the Public
- ✓ R3 - Loss of Cultural Heritage
- ✓ R4 - Loss of Economic Value

All installations and designs MUST now comply.



- ✓ Dedicated Lightning and Surge Protection Systems
- ✓ Lightning Arrester - Surge Arrester - Harmonic Filters SP, DP and TP systems
- ✓ Photo Voltaic Protection all strings and arrays
- ✓ Ready to Install
- ✓ 10 Year Guarantee
- ✓ Free of Charge Design Consultancy
- ✓ Seminars, Training and Full Installation
- ✓ Part or Full Systems

For information and technical advice contact us on:

0114 262 6121

www.first-power.co.uk

*Limited copies available email request to info@first-power.co.uk



The very latest technology in Lightning and Surge Protection



FIRST POWER &
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25,000 (25ka) Per Pole Arresters Level 1 & 2

- ✓ Dedicated lightning and surge protection systems installation Zone LPZ 1 (can be used in LPZ 2)
- ✓ Up <1.5kV (lowest let through voltage)
- ✓ Din rail mount devices
- ✓ Remote indication option available
- ✓ Visual indication to meet all current legislation
- ✓ Pluggable system
- ✓ Reversible cartridge for ease of installation
- ✓ Designed and tested in a leading European laboratory
- ✓ Tested to 10/350 and 8/20 waveform which simulates the current produced by a direct lightning strike and surge event
- ✓ Free training on installation techniques to meet BSEN 62305 part 4 and 17th Edition Wiring Regulations



15,000 (15ka) Per Pole Arresters Level 3 & 4

- ✓ Dedicated lightning and surge protection systems installation Zone LPZ 1 (can be used in LPZ 2)
- ✓ Up <1.2kV (lowest let through voltage)
- ✓ Din rail mount devices
- ✓ Remote indication option available
- ✓ Visual indication to meet all current legislation
- ✓ Pluggable system
- ✓ Unique configuration - modular construction - **exclusive to FPSP**
- ✓ Designed and tested in a leading European laboratory
- ✓ Tested to 10/350 and 8/20 waveform which simulates the current produced by a direct lightning strike and surge event
- ✓ Free training on installation techniques to meet BSEN 62305 part 4 and 17th Edition Wiring Regulations



12,500 (12,5ka) Per Pole Arresters Level 3 & 4

- ✓ Dedicated lightning and surge protection systems installation Zone LPZ 1 (can be used in LPZ 2)
- ✓ Up <1.2kV (lowest let through voltage)
- ✓ Din rail mount devices
- ✓ Remote indication option available
- ✓ Visual indication to meet all current legislation
- ✓ Pluggable system
- ✓ Reversible cartridge for ease of installation
- ✓ Designed and tested in a leading European laboratory
- ✓ Tested to 10/350 and 8/20 waveform which simulates the current produced by a direct lightning strike and surge event
- ✓ Free training on installation techniques to meet BSEN 62305 part 4 and 17th Edition Wiring Regulations



Other services include:

Electrical Design & Installation • Product Training • Complete Technical Support Service

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INTEGRATED WITH

