

In order to enable designers, specifiers, and installers to comply with surge protection requirements in BS 7671 - IET Wiring Regulations - 17th Edition (Section 534), these combined lightning arrester and surge suppression devices have been developed specifically for applications with MCCB panelboards ensuring outstanding product performance for all sensitive, mission critical and general purpose loads. Providing protection from direct and indirect lightning strikes, the IEC 61643 tested devices have impressive voltage protection levels (U_p), nominal discharge current (8/20) μ s I_n & maximum discharge current I_{max} for transient surge suppression, combined with impulse current I_{imp} (10/350) μ s for lightning strike protection. These devices are fully compliant with BS EN 62305.

EPBN1SPD1234 technical summary:

- For the protection of low voltage distribution systems against direct lightning strike into the overhead power supply line or external lightning protection system and against indirect lightning strike and switching operations.
- Application according to IEC 60364-5-53 Clause 534.
- Test class I, II, III in accordance with IEC 61643-1.
- SPD-type T1, T2, T3 in accordance with EN 61643-11.
- No discharge of ionised gases during operation.
- Lightning protection classes I, II, III and IV in accordance with IEC 62305.

EPBN1SPD123 technical summary:

- For the protection of low voltage distribution systems against transient overvoltage caused by direct and indirect lightning strike and switching operations.
- Application according to IEC 60364-5-53 Clause 534.
- Test class I, II, III in accordance with IEC 61643-1.
- SPD-type T1, T2, T3 in accordance with EN 61643-11.
- Lightning protection classes III and IV in accordance with IEC 62305.

EPBN1SPD123



Description	Eaton list number
SPD-type T1, T2, T3 in accordance with EN 61643-11, lightning protection classes III and IV in accordance with IEC 62305	EPBN1SPD123
SPD-type T1, T2, T3 in accordance with EN 61643-11, lightning protection classes I, II, III and IV in accordance with IEC 62305	EPBN1SPD1234