Lightning barrier ESP30D/2BX

Features and benefits

- Low let-through voltage between all lines.
- Provides repeated protection in lightning intense environments.
- Low in-line resistance minimises unnecessary reductions in signal strength.
- Ready-boxed to IP66.
- Supplied ready for flat mounting.
- Colour coded terminals for quick and easy installation check - grey for the dirty (line) end and green for clean.
- Screen terminal enables easy connection of cable screen to earth.
- Substantial earth stud to enable effective earthing.

Connect in series with the data communication, signal or telephone line either near where it enters/leaves the building or close to the equipment being protected. Either way, it must be very close to the systems earth star point.
Art. no.: 123708-00

**Electrical specification**
Nominal voltage: 30V
Max working voltage: 37.1V
Current rating: 300mA (signal)
In-line resistance: 9.4Ω (per line ±10%)
Bandwidth: 4MHz (-3dB 50Ω system)

**Transient specification**
Let-through voltage: 43.4V
5kV, 10/700µs test to:
*BS 6651:1999 App C, Cat C-High*
*ITU (formerly CCITT) IX K17*

Maximum surge current:
- per signal wire: 10kA
- per pair: 20kA

**Mechanical specification**
Temperature range: -25 to +70ºC
Connection type: Screw terminal
Conductor size (stranded): 1.5mm²
Earth connection: M6 stud
Cable glands: Accommodate 2.3 - 6.7mm diameter cable (PG7)
Outer enclosure: PVC, IP66
Weight – unit: 0.3kg
- packaged: 0.35kg

**Dimensions:**
Depth = 58mm