

Zone A

StrikeSafe is a unique product concept offering an advanced multi-stage Matrix approach to tackle mains borne transients and the effects of local lightning strikes. The StrikeSafe family is designed to exceed the requirements for zone protection defined in EN 6651 and UL 1449

The StrikeSafe TDA series comprises a range of DIN-rail mount units designed to fit standard consumer units.

Single modules can be used in parallel to increase the level of protection or wired per phase. For maximum protection in critical applications a combination of Silicon Avalanche Diode (SAD) and Metal Oxide Varistor (MOV) modules is recommended to provide a multi-stage defence.

Specifications

- ◆ Operating voltage: Max +25% above nominal
- ◆ Operating temperature range -40 to +85°C
- ◆ Diagnostics: Front panel LEDs and remote alarms
- ◆ LEDs: tri-coloured indicating 100/50/0% protection
- ◆ Thermal and Overload Protection built in
- ◆ Separate isolators available
- ◆ Plastic case up to IP55
- ◆ Negligible power consumption
- ◆ Automatic reset

Design standards: EN 61000-4, EN 60950, EN 50081 and EN 6651



Separately enclosed isolator for StrikeSafe parallel connection



TDA 10KA11 din rail mount to fit standard consumer units

Applications

Transient protection of:

- ◆ Consumer Units
- ◆ OEM design and protection
- ◆ Sensitive single and three phase loads

Model No	Protection	Clamping Voltage	Peak Pulse Current per phase (8 x 20µs Ph-N)	Dimensions W x D x H mm	Weight Kg
TDA 10KA11/01	MOV	460	13kA	18 x 90 x 59	0.05
TDA 10KA11/02	SAD	401	6kA	18 x 90 x 59	0.05
TDA 10KA11/03	SAD	401	10kA	18 x 90 x 59	0.05
TDAE 10KA11*	SAD + MOV	401	19kA	200 x 125 x 122	0.2

* E suffix signifies plastic enclosure