

Zone B

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



TDB 30KA11 single phase protection dIn rail mount

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
- ◆ Extremely high MTBF 10 years typical operation
- ◆ Negligible power consumption
- ◆ Automatic reset

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



Three phase TSB 30KA33 each plug-in module can be hot swapped

The StrikeSafe TSB system comprises plug-in modules and single or three phase base units. These modules can be hot swapped, removing the need to turn off downstream loads during module inspection or replacement even in series installations. A remote display is available, and all units have optional wall mounting enclosures with or without isolators.

Options

- ◆ Remote Alarm: Single pole volt free contacts
- ◆ Remote LED panel
- ◆ MOV only variants for less critical applications

Applications

Transient protection of:

- ◆ Sub distribution
- ◆ 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
Single phase	TSB 30KA11	SAD + MOV	401	32kA	76 x 61 x 160	0.4
	TSB 30KA11/01	MOV	460	46kA	76 x 61 x 160	0.4
	TSBE 30KA11*	SAD + MOV	401	32kA	110 x 76 x 160	0.8
	TSBE 30KA11/01*	MOV	460	46kA	110 x 76 x 160	0.8
	TDB 30KA11	SAD + MOV	401	46kA	110 x 74 x 90	0.4
	TDB 30KA11/01	MOV	460	40kA	110 x 74 x 90	0.4
Three phase	TSB 30KA33	SAD + MOV	401	3 x 32kA	110 x 76 x 160	0.8
	TSB 30KA33/01	MOV	460	3 x 46kA	110 x 76 x 160	0.8
	TSBE 30KA33*	SAD + MOV	401	3 x 32kA	110 x 76 x 160	1.3
	TSBE 30KA33/01*	MOV	460	3 x 46kA	110 x 76 x 160	1.3

* E suffix signifies plastic enclosure