

Zone C

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 more than satisfy the requirements for zone protection defined in BS EN 6651 and UL 1449

Specifications

- ◆ Operating voltage: Max +25% above nominal
- ◆ Operating temperature range -40 to +85°C
- ◆ Diagnostics: Front panel LEDs and remote alarms
- ◆ LEDs: Green - Power On, Red - Fault
- ◆ Remote Alarm: Single pole volt free contacts
- ◆ Thermal and Overload Protection built in, separate isolators available
- ◆ Plastic cases up to IP55
- ◆ Maximum current 100A series, unlimited parallel
- ◆ Extremely high MTBF 10 years typical operation
- ◆ Negligible power consumption
- ◆ Automatic reset

Design standards: EN 61000-4, EN 60950, EN50081 and EN 6651



TDC 200kA11 single phase protection for high current distribution



Cutaway of Din rail mount TDC 200kA showing multi stage matrix

Applications

Transient protection of:

- ◆ Main Incomer
- ◆ Main distribution points
- ◆ Three phase Sub distribution points
- ◆ High current distribution

Options

- ◆ Neutral - Ground Module
- ◆ Remote LED panel
- ◆ Transient counter
- ◆ MOV only variants for less critical applications



TDCE 200kA11 enclosed single phase protection for high current distribution

Model No	Protection	Clamping Voltage	Peak Pulse Current per phase (8 x 20µs Ph-N)	Dimensions WxDxH mm	Weight Kg
Single phase					
TDC 200KA11	SAD+MOV	401	209kA	110 x 74 x 90	0.5
TDC 200KA11/01	MOV	460	208kA	110 x 74 x 90	0.5
TDCE* 200KA11	SAD+MOV	401	209kA	220 x 115 x 170	1.5
TDCE* 200KA11/01	MOV	460	208kA	220 x 115 x 170	1.5
Three phase					
TDCE* 200KA33	SAD+MOV	401	3 x 209kA	255 x 230 x 360	3.7
TDCE* 200KA33/01	MOV	460	3 x 208kA	255 x 230 x 360	3.7

* E suffix signifies plastic enclosure