

TC-150/802EI

2 Wire and Earth 150V 80kA Transient Clamp

The **TC-150/802EI** is a high energy shunt clamp providing primary protection for two phase 120V A.C. critical power supplies.

The **TC-150/802EI** is a high energy shunt device with a total transient fault rating of 80kA per Line to Earth and Line to Line.

The **TC-150/802EI** is used on incoming circuits to limit the high energy differential and common mode transients. These transients may be true common/differential or elevated common/differential.

Typical protection applications are point of entry to remote control buildings or cabinets in Categories C Area 4 (From AS1768-2007).

The **TC-150/802EI** has each protection stage protected. In the event of protection failure a local contact allows a warning to be sent to building management system or an annunciator.

The contact can be used as part of a routine maintenance schedule.

Power healthy indication is displayed via an LED on the front of the unit and each incoming phase has a protection healthy indication.

The multi strike capability of the **TC-150/802EI** is reflected in the 5 year warranty given with the device when correctly installed.

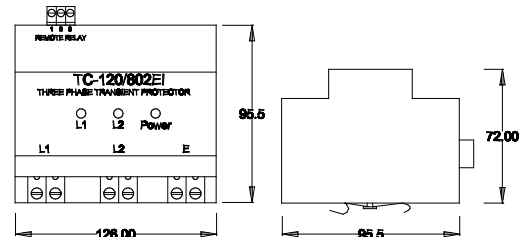
The **TC-150/802EI** is a simple parallel installation with comprehensive installation instructions included.

Specifications.

Max Voltage	150V A.C. rms 200V D.C.
Working Voltage	120V A.C. rms
Response Time	Less than 25nS
Maximum Surge Current	240kA
Maximum Current	Unlimited Parallel
Transient Reset	Automatic
Operating temperature	-10 to 70 degC
Storage temperature	-55 to 75 degC
Housing Material	Aluminum
Mounting style	DIN / Surface
Terminals	0.5-16mm solid 0.5-10mm flex
Dimensions	126W*72H*95.5L

Features

- Fast snap on DIN/G rail mounting
- Fail to safe design (operation safe)
- 240kA discharge capacity per unit
- Low let thru transient Voltage
- Local/Remote healthy status contact
- Internal safety protection all elements
- Designed to ISO 9001
- Designed to AS 1768-2007
- Maintenance free operation
- Multiple strike capability
- CE marking



Installation Guide.

All mains TC units must be installed by a licensed electrician or electrical contractor. Earthing of unit is essential for the correct protection in all fault modes.