

TC-150/802WE

2 Wire and Earth 150V 80kA Transient Clamp

The **TC-150/802WE** is a high energy shunt clamp providing secondary protection for incoming cables from rail track circuits and solar power supplies.

The **TC-150/802WE** is a high energy shunt device with a total transient fault rating of 240kA per unit.

The **TC-150/802WE** is used on incoming circuits to limit the high energy differential or 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-150/802WE** has each protection stage monitored. In the event of protection failure a local normally closed contact allows a warning to be sent to building management system or an annunciator. This contact can be used as part of a routine maintenance schedule.

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

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

Specifications.

Max Voltage	150V A.C. rms 200V D.C.
Response Time	Less than 25nS
Maximum Surge Current	240kA
Surge per line/mode	80kA.
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 / G rail
Terminals	35mm solid 25mm flex
Dimensions	56W*70H*112L

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.