



# Transient Clamp

## 2 Wire and Earth 400VDC

### 80kA



Product: TC-400/80-2WE  
Product Type: Transient Clamp



## Transient Clamp2 Wire and Earth 400VDC 80kA

### TC-400/80-2WE

Introducing the TC-400/80-2WE: your ultimate high-energy shunt clamp for providing secondary protection to incoming cables from solar power supplies. With an impressive total transient fault rating of 240kA per unit, this device offers robust defense against potential electrical hazards.

Designed to limit high-energy differential or common mode transients, the TC-400/80-2WE is perfect for various applications, including point-of-entry installations in remote control buildings or cabinets within Categories C Area 4 (according to AS1768-2007 standards).

Each protection stage of the TC-400/80-2WE is meticulously monitored, ensuring reliability. In the rare event of protection failure, a local normally closed contact triggers a warning to the building management system or annunciator, facilitating timely maintenance scheduling.

Benefit from the TC-400/80-2WE's multi-strike capability, backed by a generous 5-year warranty when correctly installed. Its simple parallel installation process, coupled with comprehensive instructions, ensures hassle-free setup and peace of mind.

Invest in the TC-400/80-2WE for dependable, long-lasting protection against transients, supported by industry-leading performance and reliability.

### Specifications

Voltage	400V DC
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	Aluminium
Mounting Style	DIN / G Rail
Terminals	35mm solid - 25mm flex
Dimensions	56mmW x 70mmH x 112mmL

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### 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.

