

TP75 DC

DC Transient Protector



Standard Features

- Avalanche diode design
- Full six-wire with shield protection
- NEMA Type 4X enclosure
- Unlimited number of parallel load cells; up to eight in series
- Terminal lugs provided

Applications

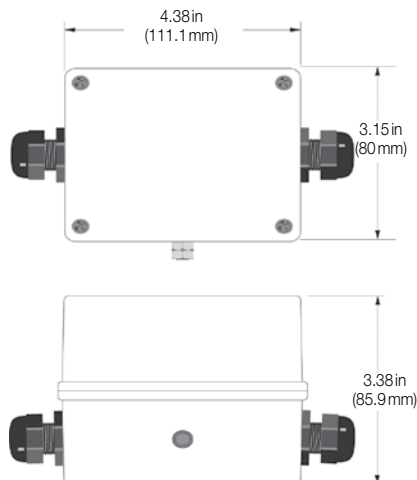
- Protects load cells and indicators from voltage transients
- Tank, bin and hopper scales
- Truck and railroad scales
- Suitable for outdoor use

Part Number/Price

Part #	Description	Weight	Price
33185	TP75, load cell protector and mounting hardware	2 lb	\$225.00

Options/Accessories

Part #	Description	Price
31164	TP75 DC transient protection, board only, with labels	\$170.00



Specifications

Protection Type:

Six-channel type with separate shield

Maximum Excitation Voltage:

22.8 VDC

Response Time:

Five nanoseconds

Peak Surge Currents:

100 amps

Series Resistance:

0.0 ohm

Series Inductance:0.0 μ h**Grounding:**

10 AWG wire or larger (not provided)

Cable Fitting:

(2) nylon strain relief for 0.187in-0.312in (4.7mm-7.9mm) diameter cable

Enclosure:

Impact-resistant polycarbonate NEMA Type 4X, maximum 40 psi washdown

Operating Temperature:

4°F to 121°F (-20°C to 85°C)

Circuit Board Dimensions:

2.22 x 2.22 in (56.4 x 56.4 mm)

Dimensions:

(W x H x D) 4.38 x 3.15 X 3.38 (111.1 x 80 x 85.9 mm)

Warranty:

One-year limited warranty