

EL168

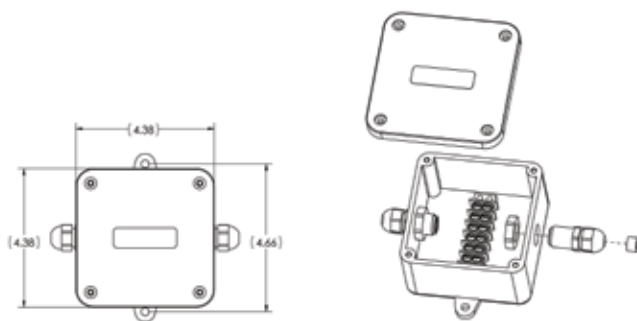
1-Cell Junction Box

**Standard Features:**

- Non-metallic PVC enclosure with separate input and output cable fittings
- No soldering, compression or swagged fittings are required

Part Number/Price

Part#	Description	Price
21161	EL168 one-cell junction box	Consult

**Specifications:****Dimensions:**

(W x L x D) 4 in x 4 in x 2.5 in

Mounting Centers:

3.75 in x 2.31 in (95.2 in x 58.7 mm)

Cable Fittings:

Nylon waterproof strain-relief type

Cable Diameter:

0.079 in-0.314 in (2.0 mm-8.0 mm)

Terminal Block:

Rated 300 V/15 A; seven-position, screw terminal can each accommodate up to #16 AWG

Warranty:

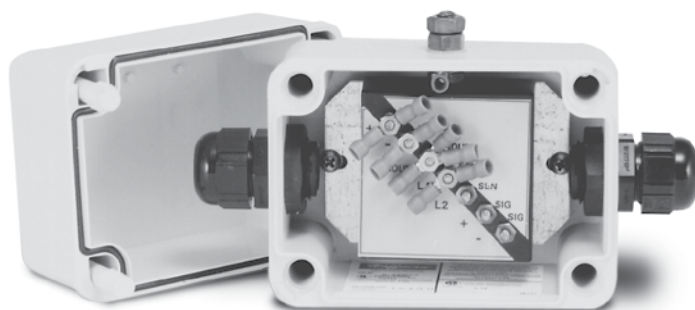
One-year limited warranty

Applications:

- For splicing or extending load cell cable

TP75 DC

Transient Protection

**Standard Features:**

- Avalanche diode design
- Full six-wire with shield protection
- NEMA Type 4X enclosure
- Unlimited number of parallel load cells; up to 8 in series
- Terminal lugs provided

Part Number/Price

Part#	Description	Price
33185	TP75 DC transient protection	Consult

Options/Accessories

Part#	Description	Price
31164	Circuit board only	Consult

Specifications:**Protection Type:**

Six-channel series type with separate shield

Maximum Excitation Voltage:

22.8V DC

Response Time:

5 nanoseconds

Peak Surge Currents:

100 amps

Series Resistance:

0.0 ohms

Series Inductance:

0.0 µH

Grounding:

10 AWG wire or larger (not provided)

Cable Fitting:

(2) nylon strain relief for 0.187 in-0.312 in (4.7 mm-7.9 mm) 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 in x 2.22 in (56.4 mm x 56.4 mm)

Applications:

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