

UJB3T6 DC

Transient Protection



Specifications

- Protection Type:**
Six-channel type with separate shield
- Maximum Excitation Voltage:**
20 VDC or 20 VAC
- Clamping Voltage:**
75 VDC or 75 VAC
- Clamping Time:**
75 VDC Stages <100 nanoseconds typical
- Peak Surge Currents:**
75 VDC Stage-5000 amperes
- Maximum Serial Transmission Rate:**
50K baud
- Series Resistance:**
0.219 ohm typical
- Series Inductance:**
110 µh typical
- Grounding:**
20 ft (6.1 m) insulated #10 AWG wire
- Cable Fitting:**
(2) nylon strain relief for 0.079 in-0.236 in (2.0 mm-6.0 mm) diameter cable
- Enclosure:**
Fiberglass-Reinforced Polyester (FRP), NEMA Type 4X, maximum 40 psi washdown
- Operating Temperature:**
14°F to 104°F (-10°C to 40°C)
- Circuit Board:**
6.75 in x 4.75 in (171.5 mm x 120.7 mm) with anti-fungal coating
- Dimensions:**
(W x H x D) 7.63 in x 6.63 in x 3.25 in (193.8 mm x 168.3 mm x 82.6 mm)

Standard Features

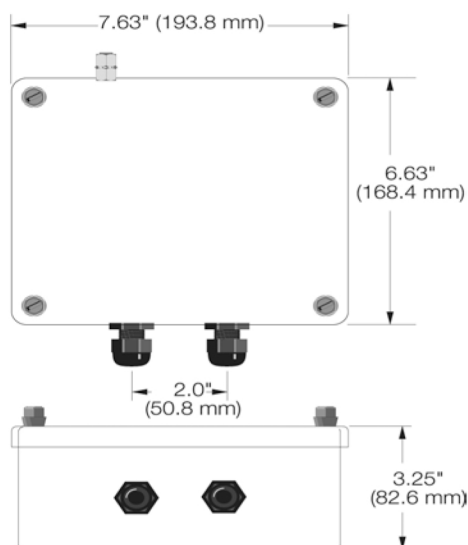
- Factory serviceable
- Full six-wire with shield protection
- #6 SEMS screw type; accepts spade lugs, tinned leads or bare wires up to #12 AWG
- Up to eight parallel or summed load cells
- 50K baud maximum transmission frequency
- Up to six serial data lines can be protected instead of load cells

Part Number/Price

Part #	Description	Price
21134	UJB3T6	Consult

Options/Accessories

Part #	Description	Price
21135	Six-channel load cell transient protector, board only	Consult



Applications

- Protects load cells from voltage transients
- Compatible with signals down to 1 µV grad
- Installations exposed to significant transients
- Protects serial communication lines