



Standard Features

- Protects load cells from voltage transients
- Compatible with signals down to 1  $\mu$ V per grad
- 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

Applications

- Installations exposed to significant transients
- Environments where serial communication lines and load cells must be protected

Specifications

- Protection Type:**  
Six-wire 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, 5,000 amps
- Maximum Serial Transmission Rate:**  
50K baud
- Series Resistance:**  
0.219 ohm typical
- Series Inductance:**  
110  $\mu$ H typical
- Grounding:**  
20 ft insulated #10 AWG wire
- Cable Fitting:**  
(2) Nylon strain relief for 0.079 to 0.236 in diameter cable
- Enclosure:**  
NEMA Type 4X, maximum 40 psi washdown  
Fiberglass Reinforced Polyester (FRP)
- Temperature:**  
Operating:  
4 °F to 104 °F (-10 °C to 40 °C)
- Circuit Board:**  
6.75  $\times$  4.75 in with anti-fungal coating
- Dimensions:**  
(L  $\times$  W  $\times$  H)  
7.63  $\times$  6.63  $\times$  3.25 in
- Warranty:**  
One-year limited

Part Number/Price

Part #	Description	Price
21134	UJB3T6	Consult

Options/Accessories

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

Dimensions

UJB3T6 DC	
A	7.63 in
B	6.63 in
C	2.0 in
D	3.25 in

