

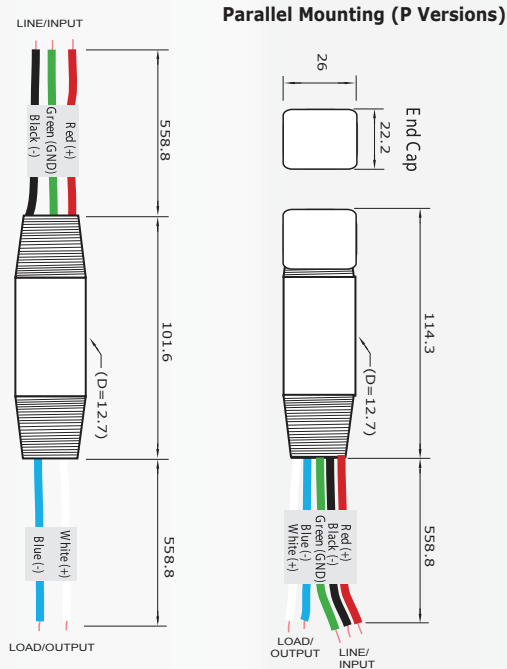
DC Signal Line Surge Protector TSP15M Series



- **1 Pair Protection**
- **Modes of Protection L-L,L-G**
- **Conduit Mounting**
- **Direct Transducer Mount**
- **Parallel or Series Connection Options**

Dimensions and Electrical Diagrams

(in mm)



Series Mounting (S Versions)

Characteristics

CITEL Number	TSP15M-P-24D3	TSP15M-S-24D3	TSP15M-P-48D3	TSP15M-S-48D3
Application	Leased Line 4-20mA	Leased Line 4-20mA	ISDN-T0 48V Line	ISDN-T0 48V Line
Configuration	Parallel	Series	Parallel	Series
Nominal line voltage (Un)	24 Vdc	24Vdc	48Vdc	48Vdc
Max. line voltage (Uc)	32 Vdc	32Vdc	54Vdc	54Vdc
Max. line current	300 mA	300 mA	300 mA	300 mA
Protection level (Up)	38 Vdc	38 Vdc	82 Vdc	82 Vdc
Nominal discharge current (In)	10 kA	10 kA	10 kA	10 kA
Max. discharge current (Imax)	15 kA	15 kA	15 kA	15 kA
End of Life	Short-Circuit	Short-Circuit	Short-Circuit	Short-Circuit
Mechanical specifications	Conduit mounting Temperature : -55°C to 85°C Connection by #16 AWG Tinned Copper wires Housing material : Stainless Steel type 316L Earth connection via #16 AWG ground wire Weight : 363g (0.8lbs)			