

1. GENERAL APPLICATIONS

STABIL Data Line Surge Protector for ADSL Line is the world latest innovative designed technology for the Data Line Surge Protector today and beyond, the STABIL Data Line Surge Protector for ADSL Line has the fastest and finest surge protection performance than ever before which has the extremely fast response time, the circuit has also designed with very low loss, over voltage / over current protections concept with the new technology therefore you can highly confident to get on the best surge protection performance products.

SDL-A1P-T3W SDL-A2P-T5W

Data Line Surge Protector for ADSL Line

2. FEATURES

2.1 The protector consists of the following components :

- Three Electrode Arrester with fail safe (**ARR**)
- Super Active Protection (**SAP**)
- Hybrid Clamping Circuit (**HCC**)

2.2 Screw type terminals for easy installation

2.3 All modes protection



Model : **SDL-A1P-T3W**
for 1 pair ADSL Line



Model : **SDL-A2P-T5W**
for 2 pair ADSL Line

3. ELECTRICAL DATA

The completed protector meets the electrical specifications as follows :

Description	Specification
3.1 DC spark-over voltage	50 - 90 V at 100 V / Sec
3.2 Output voltage	< 100 V at 1kV / μ Sec
3.3 Response time	< 0.1 nSec
3.4 Capacitance	< 50 pF at 1 kHz
3.5 Operating temperature	- 20 °C to 70 °C
3.6 DC resistance	< 6 Ω at 25 °C
3.7 Nominal current	< 80 mA at 25 °C
3.8 Trip time	< 20 mSec at 600 mA
3.9 Surge current	5 kA at 8/20 μ Sec
3.10 AC discharge current	5 A at 50 Hz , 1 Sec
3.11 Fail safe time	< 10 Sec at 5 A
3.12 Housing material	Metal (UL94V-0)
3.13 Connection type	Screw type terminal
3.14 Mounting	Individual , 35 mm. DIN rail mounting
3.15 Dimension (W x L x H)	Approx. 38 x 110 x 30 mm.
3.16 Standard according	ANSI/IEEE C62.41.1-2002