



Signal Line

Surge Protector with dv/dt FILTER

- All mode protection
- Multi-state protection
- Multi-surge current protection
- Low let-through voltage & dv/dt
- AC inductive protection
- DIN rail clip enclosure



More than surge protector

No risk from surge signal and dv/dt



Surge Protector with dv/dt FILTER

Data Line Protection 4-20mA analog signal Loops, I/O Ports, Sensors

Breakthrough Solution

Model : SL6-10

Max. surge current 10kA(8/20uS), Load 500mA



Transients appearing between a signal pair and its earth (common mode) as well as between two or more signal lines (transverse mode) are equally as damaging to connected equipment. The **FAIDEE** range of **Surge Protector with dv/dt FILTER** signal line protectors provide high quality protection for both potentially damaging transients.

Models featuring multistage transient protection deliver greater levels of protection through a staged approach. The primary stage absorbs the majority of the surge energy. The remaining stages provide accurate clamping and a degree of redundancy.

Specification

Surge performance

<i>Description:</i>	Twisted pair signal line control services protector
<i>Protection modes:</i>	Transverse and Common mode
<i>Connection type :</i>	Series
<i>Clamping voltage :</i>	L-L 6 V L-E 6 V
<i>Operating frequency :</i>	DC → 25MHz
<i>Working temperature :</i>	-40 → 85 c
<i>Working humidity :</i>	0 → 90%
<i>Peak surge handling :</i>	10kA
<i>Max. Working Current :</i>	500mA
<i>Standards compliance :</i>	AS1768-2003 cat. A, B, C BS6651-1999 cat. C-High CP33-1996 cat. A, B, C IEC61643-21 UL497B

Suitable

Operating Voltage	Model
0 - 5 V	SL6-10
6 - 15 V	SL18-10
16 - 30 V	SL36-10
31 - 60 V	SL68-10

- Fast response time**
- All mode protection**
- Low-Let through voltage and dv/dt**
- Multi-state surge protection**
- AC inductive protection**
- Easy to installation**

Multistage transient protection is provided in each unit to protect any type of control and automation signalling line. Ideal for the protection of PLC's, fire and security systems, railway signalling and SCADA equipment. They are designed to protect even the most sensitive electronic equipment in lightning intense environments.



Breakthrough Solution

Surge Protector with dv/dt FILTER

Data Line Protection for RS485&RS422

Breakthrough Solution

Model : SL6-10RS

Max. surge current 10kA(8/20uS), Load 500mA



Fast response time

All mode protection

Low-Let through voltage and dv/dt

Multi-state surge protection

AC inductive protection

Easy to installation

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Models featuring multistage transient protection deliver greater levels of protection through a staged approach. The primary stage absorbs the majority of the surge energy. The remaining stages provide accurate clamping and a degree of redundancy.

Specification

Surge performance

Description: Twisted pair signal line control services protector
Protection modes: Transverse and Common mode

Connection type : Series
Clamping voltage : L-L 6 V
 L-E 6 V

Operating frequency : DC → 25MHz
Working temperature : -40 → 85 c
Working humidity : 0 → 90%
Peak surge handling : 10kA
Max. Working Current : 500mA

Standards compliance : AS1768-2003 cat. A, B, C
 BS6651-1999 cat. C-High
 CP33-1996 cat. A, B, C
 IEC61643-21 UL497B

Note :

System	Model
RS232	SL36-10RS

 **Parts Approval**



Breakthrough Solution

Surge Protector with dv/dt FILTER

Data Line Protection for RS232

Breakthrough Solution

Model : SL36-10RS

Max. surge current 10kA(8/20uS), Load 500mA



Fast response time

All mode protection

Low-Let through voltage and dv/dt

Multi-state surge protection

AC inductive protection

Easy to installation

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Models featuring multistage transient protection deliver greater levels of protection through a staged approach. The primary stage absorbs the majority of the surge energy. The remaining stages provide accurate clamping and a degree of redundancy.

Specification

Surge performance

Description: Twisted pair signal line control services protector
Protection modes: Transverse and Common mode

Connection type : Series
Clamping voltage : L-L 36 V
 L-E 36 V

Operating frequency : DC → 25MHz
Working temperature : -40 → 85 c
Working humidity : 0 → 90%
Peak surge handling : 10kA
Max. Working Current : 500mA

Standards compliance : AS1768-2003 cat. A, B, C
 BS6651-1999 cat. C-High
 CP33-1996 cat. A, B, C
 IEC61643-21 UL497B

Note :

System	Model
RS485&422	SL6-10RS

 **Parts Approval**

