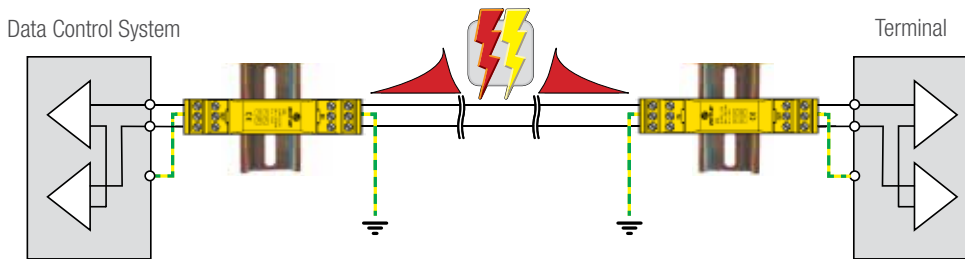


DIN-rail socket + pluggable SPD-module



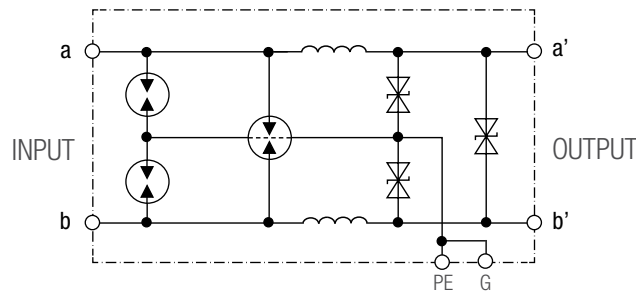
S-ASI ... L ... is an SPD for installations in series with the telecommunication/signalling circuits to protect sensitive equipment with low resistability/immunity, providing the following features and benefits:

- Classification for impulse test: categories C1, C2, C3, D1 (in accordance with IEC/EN 61643-21);
- S-ASI ... SPDs represent a pluggable execution and they provide continuity of the signal circuits. They do not interrupt when the plug in module is pulled out;
- Offers sensitive common and differential mode protection to connected devices;
- Providing protection against direct and indirect lightning effects;
- The end of the life behaviour of the SPD is Short Circuit Failure Mode (SCFM);
- The connection is made by screw type terminals providing best connection reliability;
- With integrated earth/protective ground connection via the top hat DIN rail and by screw type terminations PE and G.

Model S-ASI 1 L ...	6	12	24	48
CODE	341 006	341 012	341 024	341 048
Number of protected Lines	1			
SPD impulse rating/Category	C1, C2, C3, D1			
Nominal Voltage	U_N 6 V dc/ 4,2 V ac	12 V dc/9 V ac	24 V dc/18 V ac	48 V dc/39 V ac
Maximum Continuous Operating Voltage	U_C 7,2 V dc	14,4 V dc	28,8 V dc	57,6 V dc
Rated Current	I_L 1,5 A			
Category C1 - Nominal discharge current (8/20 μ s) per wire	I_n 1 kA			
Category C1 - Voltage protection level at I_n (all modes)	U_p 30 V dc	50 V dc	65 V dc	80 V dc
Category C2 - Nominal discharge current (8/20 μ s) per wire	I_n 15 kA			
Category C2 - Voltage protection level at I_n (all modes)	I_n 40 V dc	55 V dc	70 V dc	120 V dc
Category C3 - Voltage protection level at 1 kV/ μ s (all modes)	U_p \leq 15 V	\leq 28 V	\leq 64 V	\leq 85 V
Category D1 - impulse discharge current (10/350 μ s) per wire	$I_{imp\ 10/350}$ 2,5 kA			
Category D1 - Total discharge current (10/350 μ s)	$I_{Total\ 10/350}$ 5 kA			
Response time	t_a \leq 1 ns			
Longitudinal impedance/resistance	2,2 μ H			
Parasitic capacitance	C 1,5 nF			
Operating temperature range	-25 ... +70 °C			
Terminal - conductor size	max. 1,5 mm ² flexible			
Mounting	indoor, 35 x 7,5 mm top hat DIN rail IEC/EN 60715			
Housing	thermoplastic			
Degree of protection	IP 20			
Approximate weight	50 g			
Dimension: width	17,5 mm (1 module)			
GTIN (EAN)	8054890321839	8054890321853	8054890321877	8054890321884



MODEL S-ASI 1 L ...

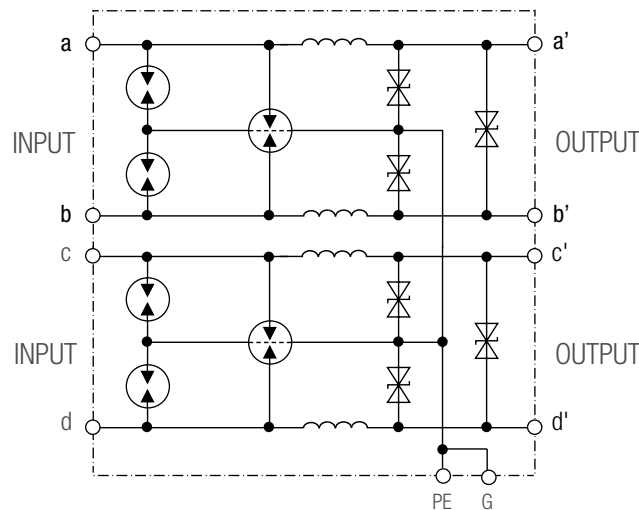


Typical protection scheme for applications using 6, 12, 24 or 48 V DC-, 4-20 mA or Konnex .

For applications where a high discharge capability and a significant rated load current are required.

S-ASI ... L ...

MODEL S-ASI 2 L ...



Model S-ASI 2 L ...		6	12	24	48
CODE		341 206	341 212	341 224	341 248
Number of protected Lines		2			
SPD impulse rating/Category		C1, C2, C3, D1			
Nominal Voltage	U_n	6 V dc/ 4,2 V ac	12 V dc/9 V ac	24 V dc/18 V ac	48 V dc/39 V ac
Maximum Continuous Operating Voltage	U_c	7,2 V dc	14,4 V dc	28,8 V dc	57,6 V dc
Rated Current	I_L	1,5 A			
Category C1 - Nominal discharge current (8/20 μ s) per wire	I_n	1 kA			
Category C1 - Voltage protection level at I_n (all modes)	U_p	30 V dc	50 V dc	65 V dc	80 V dc
Category C2 - Nominal discharge current (8/20 μ s) per wire	I_n	15 kA			
Category C2 - Voltage protection level at I_n (all modes)	U_p	40 V dc	55 V dc	70 V dc	120 V dc
Category C3 - Voltage protection level at 1 kV/ μ s (all modes)	U_p	≤ 15 V	≤ 28 V	≤ 64 V	≤ 85 V
Category D1 - impulse discharge current (10/350 μ s) per wire	$I_{imp\ 10/350}$	2,5 kA			
Category D1 - Total discharge current (10/350 μ s) per line	$I_{Total\ 10/350}$	5 kA			
Response time	t_a	≤ 1 ns			
Longitudinal impedance/resistance		2,2 μ H			
Parasitic capacitance	C	1,5 nF			
Operating temperature range		-25 ... +70 °C			
Terminal - conductor size		max. 1,5 mm ² flexible			
Mounting		indoor, 35 x 7,5 mm top hat DIN rail IEC/EN 60715			
Housing		thermoplastic			
Degree of protection	IP	20			
Approximate weight		50 g			
Dimension: width		17,5 mm (1 module)			
GTIN (EAN)		8054890321891	8054890321907	8054890321914	8054890321921

TECHNICAL DATA