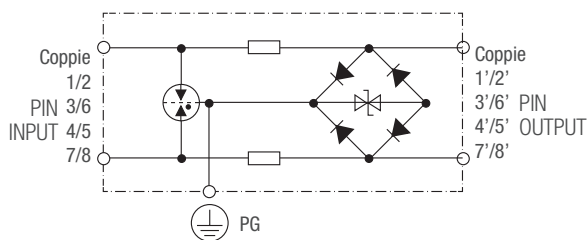
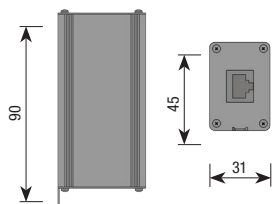
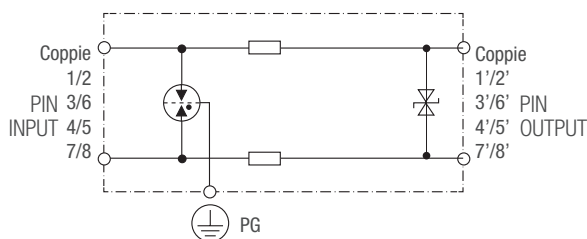




Surge Arresters: SPD for data transmission



type S-F 1/6 Code 318 008
general layout for each of
the 4 wire couples in each line



type S-F 1/48 Code 318 009
general layout for each of
the 2 wire couples in each line

S-F 1/6

S-F 1/48

S-F 1/6 is an overvoltage surge arrester with the following applications, features and benefits.

Typical installation: protection against overvoltage for applications in cable systems in Category 5E / 6 according to EN 50173 and IEC 11801 (draft). The connecting cables make installation very easy either on new or existing system.

S-F 1/48 is an overvoltage surge arrester with the following features.

Typical installation: protection of cameras, CCTV with Ethernet cable and connector female RJ 45/RJ 45 female.

- It is suitable for installation at boundaries 1 – 2 and higher, in conformity with the lightning protection zones concept.
- Protection of all 4 wire couples in each line. It is suitable for all application;
- In electrical cabinets S-F 1/6 substitutes the patch between the distribution panel and active part (hub/switch);
- S-F 1/48 with 48 V voltage protects CCTV with Ethernet cable and connector RJ 45;

Tipo S-F ...

CODE		318 008	318 009
SPD Class		Type 3[P1]	Type 3[P1]
Protected lines	n	1 (4 coppie)	1 (2 coppie)
Nominal dc Voltage	U_N	6 V	48 V
Nominal line current	I_L	300 mA	1 A
Total nominal discharge current (8/20 μ s) per switch C2	I_n	20 A	150 A
Maximum discharge current wire-PG (8/20 μ s) C2	I_n	2,5 kA	2,5 kA
Voltage protection level (1 kV μ s) wire-wire C3	U_p	≤ 10 V	≤ 150 V
Voltage protection level (1 kV μ s) wire-PG C3	U_p	≤ 15 V	≤ 500 V
Bandwidth	f	100 Mbit/s	600 Mbit/s
Typical attenuation at 250 MHz	a_E	0,4 db a 100 MHz	3 db a 250 MHz
Maximum capacity wire-wire	C	≤ 42 pF	≤ 50 pF
Operating temperature range		-25 ... +70 °C	-25 ... +70 °C
Connectors (input-output)		RJ 45 female	RJ 45 female
Protected pin		1/2, 3/6, 4/5, 7/8	3/6, 4/5
Mounting		guida DIN 35 mm EN 50 022	guida DIN 35 mm EN 50 022
Ground connection		cavetto 3 mm ²	cavetto 3 mm ²
Approximate weight		105 g	105 g

TECHNICAL DATA