

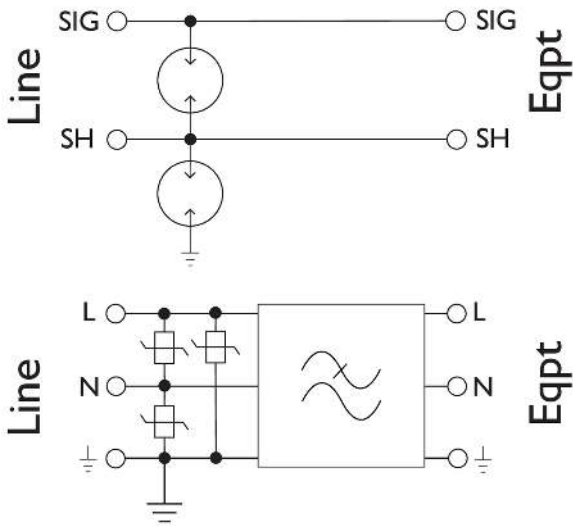
IFD2-6-10-50-C2

SFD1 Combined CCTV Protection

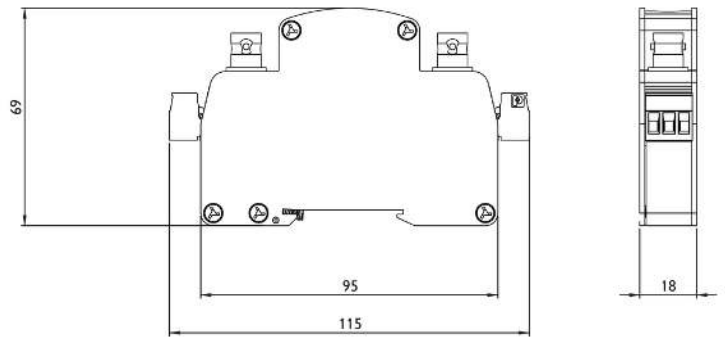
Novaris protection for both power and signal is provided in one compact and economical DIN compliant package. Ideal for security and CCTV camera protection.



Wiring



Dimensions







Standards

- IEC 61643-11:2011 AS1768 SPD connected to low-voltage power systems - Type 1+2
- UL 1449 3rd edition Low voltage SPD - Cat C, B
- IEEE 62.41.2:2002 Low voltage SPD - Type 2
- Low voltage SPD - Cat B

Product Datasheet

Electrical Specifications

Connection type		Series
Modes of protection		L-N, L-PE, N-PE
Number of ports		2
Number of phases		1
Location		Indoor
Nominal voltage	U_0	50VAC
Short circuit withstand level	I_{SSCR}	10kA
Maximum backup fuse		6A
Earth leakage current	I_{PE}	<500 μ A


Electrical (L-N) Specifications

Maximum load current	I_L	6A
Maximum continuous voltage AC	U_c	50VAC
Maximum voltage drop (% of U_0)		<1%
Maximum continuous voltage DC	U_c	70VDC
3dB frequency @ 50 Ω		9400Hz
Maximum discharge current (8/20 μ s)	I_{max}	3kA
Nominal discharge current (8/20 μ s)	I_n	1kA
Voltage protection level (3kA 8/20 μ s)	U_p	<100V
Response time	t_A	Instantaneous














Electrical (N-PE) Specifications

Maximum continuous voltage	U_c	50VAC
Maximum discharge current (8/20 μ s)	I_{max}	10kA
Nominal discharge current (8/20 μ s)	I_n	3kA
Voltage protection level (3kA 8/20 μ s)	U_p	<160V
Response time	t_A	<100ns

Indication Specifications

Display		LED power and thermal failure
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Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		TS35 DIN Rail
Environmental rating		IP20
Enclosure material		Aluminium
Enclosure finish		Black powdercoat
Terminal capacity - power		2.5mm ²
Terminal screw torque - power		0.5Nm
Length		115mm
Width		18mm
Height		69mm



Other Specifications

Product Code		IFD2-6-10-50-C2
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Shipping Specifications

Weight		155g
Customs tariff		85363000, 85363010

Signal (L-L) Specifications

Connection type		Series
Modes of protection		Transverse and common mode
Maximum continuous voltage	U_c	90V
Impulse voltage 1.2/50 μ s	U_p	90V
3dB frequency		3000MHz
Insertion loss		<1dB @ 20MHz