

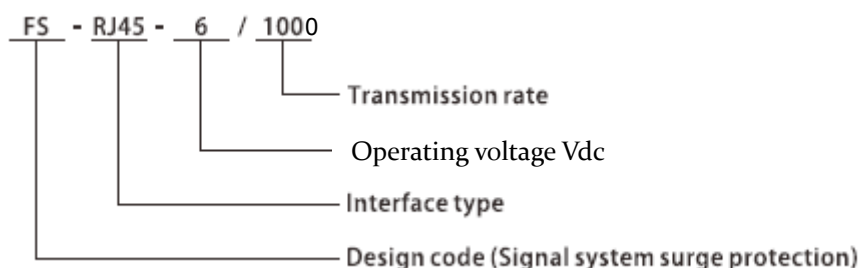
RJ45 signal surge protective device

Model No.: FS-RJ45-6/1000

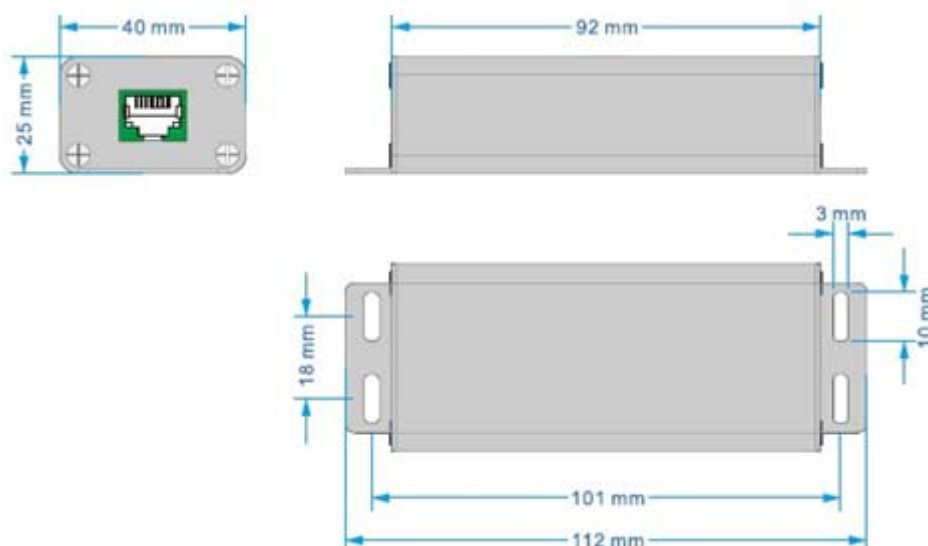


- RJ45 signal surge protective devices are applied to the protection against inductive over voltage, power interference & electrostatic discharge (ESD) for sensitive lines of telecommunications. e.g. computer network equipment, switches, routers, HUBs & MODEMs.
- Convenient mounting
- Low insertion loss, low residual voltage
- Built-in semiconductor, quick response
- Low capacitance design, excellent transmission
- Transmission rate: 1000M

1. Coding



2. Dimension



FATECH ELECTRONIC (FOSHAN) CO., LTD.

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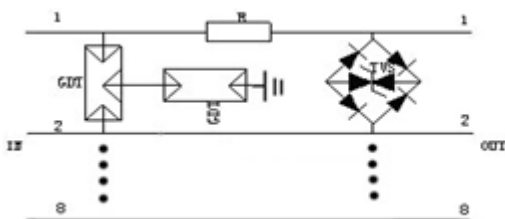
Web: www.fatech-surge-protection.com, www.fatech-spdcn.com

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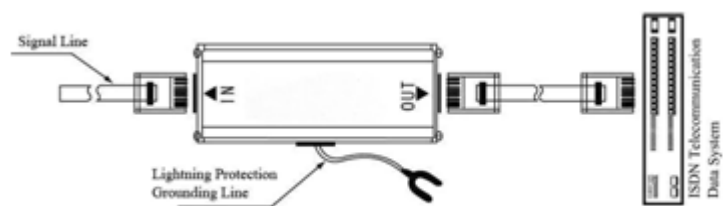
3. Electrical parameter

Model No.		FS-RJ45-6/1000	
Operating voltage		Un	6V
Max. cont. operating DC voltage		Uc	8V
Rated current			500mA
Nominal discharge current		In (8/20μs)	1.5 kA
Max. discharge current		I _{max} (8/20μs)	3.0 kA
Voltage protection level		L/L (1.2/50μs)	≤ 20V
		L/PE (1.2/50μs)	≤ 500V
Adapt transmission rate		Bit/s	100 M
Insertion loss		dB	≤ 1.2 (1000M)
Interface		(In/Out)	RJ45
Protected line (Pairs)		1,2/3,4/5,6/7,8	
Response Time	L/L	≤10ns	
	L/PE	≤10ns	
Dimension		92×40×25mm	
Operating temperature		-25℃~+70℃	
Storage temperature		-40℃~+85℃	
Relative humidity		≤95%	
Operating environment		Indoor or dry	
Material / Color		Aluminum Shell / Gray	
Testing standard		IEC 61643-21:2000	

4. Circuit



5. Installation



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