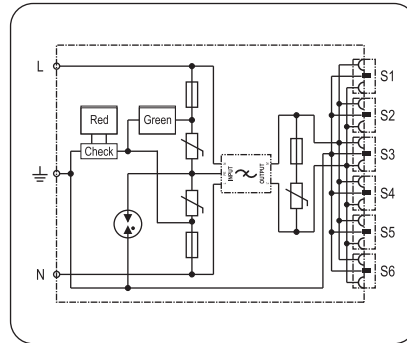




Q-SK/6

Basic circuit diagram:



Surge Protection for standard 19" distribution cabinet
(with interface suppressor filter)

SPD Type 2→3
(Class C→D)



• Technical data

Nominal voltage	U_N	110V~250V
Rated voltage(max.continuous a.c. voltage)	U_C	275V~
Nominal load current	I_L	13A
Nominal discharge current (8/20)	I_n	10kA
Max. discharge current (8/20)	I_{max}	20kA
Voltage protection level	U_p	$\leq 1.0kV$
Response time [L-N / N-PE]	t_A	$\leq 25ns$ $\leq 100ns$
Max. back up fuse		16A gL/gG
Short-circuit withstand capability at max. back up fuse		6kA _{rms}
Operating state indication		Green light
Grounding state indication		Red light
Operating temperature range	T_u	-40°C...+80°C
Connecting cable		1mm ² , length: 2000mm
Quantity of socket outlets		6 ports
Connecting mode		Standard plug/socket
Installation mode		Standard 19" distribution cabinet
Enclosure material		Black aluminum housing
Test standards		IEC 61643-11; GB/T 18802.11
Certification		CE (LVD, EMC); Rohs
Protection level		IP 20
Weight		1526g
Size		475x 76.5 x 61.5mm

Ordering information		
Type		Q-SK/6

• Product introduction

1. Summary

Q-SK/6 Surge Protective Power Socket device for protection of terminal electronic Equipment, with LED indicators for Surge Protection and Grounding connection status. This is designed according to IEC 61643-11; GB/T 18802.11 standards; Class C-D (Type 2-3) surge protection and lightning protection equipment.

2. Main character

- Provides Surge Protection, with combined technology of fast response of Metal Oxide Varistor (MOV), and High Discharge Capacity of Gas Discharge Tube (GDT).
- Equipped with 6 sockets that could be modified according to your national standard plug/sockets.
- Two LED Indicators, Green LED for Surge Protection Status; Red LED for Grounding Connection Status.
- For installation in standard 19" distribution cabinet

3. Application

Q-SK/6 surge protection power socket device is suitable for all installation systems on terminal equipment, such as office electronic equipment and computer room electronic equipment.

4. Application environment

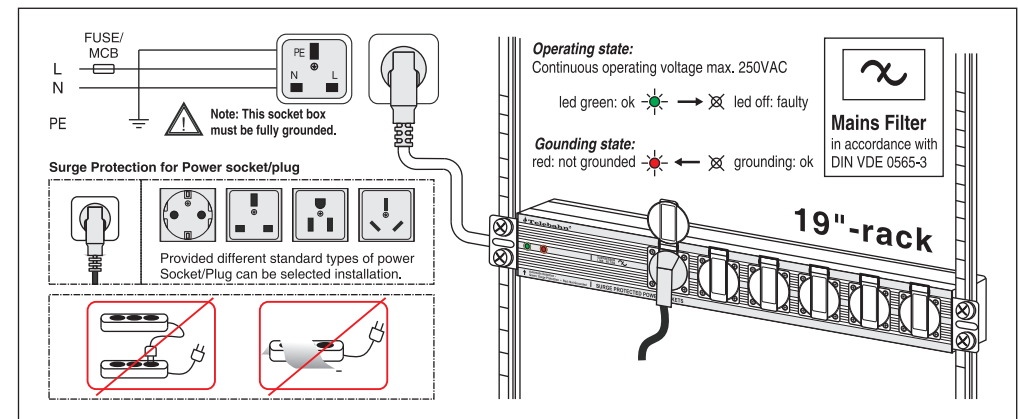
- Temperature: -40°C ~ +80°C;
- Relative humidity: $\leq 95\%$ (25°C)

• Installation instruction

This product can be installed on the LPZ 1-2 or higher interface of the lightning protection zone concept, directly plugged into the indoor wall socket box for use.

- Green LED Indicators:** When the Green LED is on, it means the Input voltage and surge protection function are normal, otherwise, it means the surge protection function is invalid or there is no input voltage.
- Red LED Indicators:** When the Red LED is off, it means that the external power supply circuit has a good grounding connection, and a good discharge channel when an instant surge spike occurs; on the contrary, when Red LED flashes, it means the external power supply circuit has no proper grounding connection.
- When the product is working normally: only the green indicator light is always on.

Q-SK/6 installation diagram:



WARNING:

- The device must be installed by electrically skilled person, conforming to national standards and safety regulations.
- It is recommended that installation should be done under power off condition.