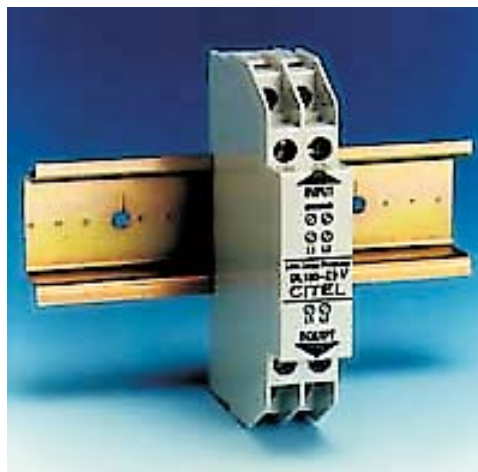


# Single Phase AC Surge Protector - DIN Rail mountable DS98

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Citel DS98 has been designed to protect 110VAC or 220VAC power lines against lightning surges and electrical transients. Its large power handling and fast response time will protect your sensitive equipment against the worst lightning surges. Under the most severe conditions, the Citel DS98 will sacrifice itself. The green neon will switch off for the DS98-110VAC and the red neon will turn on for the DS98-220VAC in the occurrence of a sustained surge.

- **Ultra fast response time**
- **Multiple stage circuitry**
- **Automatic Reset and Internal Thermal Fuse**
- **Can be easily mounted on a DIN Rail 50022**

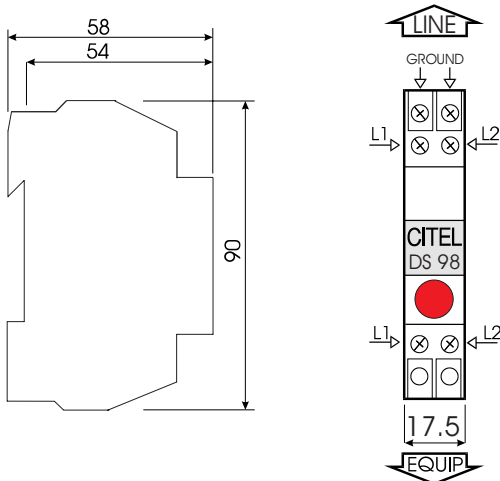
# Electrical Specifications

## DS98

	DS98 - 110	DS98 - 220
<u>AC Nominal Voltage:</u>	110-120 VAC	220-240 VAC
<u>Maximum Nominal Current:</u>	16 Amperes	16 Amperes
<u>Leakage Current:</u>	0.01 mA, 100MOhms	0.01 mA, 100 Mohms
<u>Spark Over Voltage:</u> (6 kV, 200 A)		
Ph/N	330 V	500 V
Ph/Gnd	400 V	600 V
<u>Residual Voltage:</u> (1kV/us)		
Ph/N	400 V	600 V
Ph/Gnd	600 V	1200 V
<u>Residual Voltage:</u> (5 kA, 8/20us)		
Ph/N	500 V	900 V
Ph/Gnd	700 V	1300 V
<u>Power Handling:</u> (8/20us- 10 x 's)	10 kA	10 kA
<u>Internal thermal fuse:</u>	Yes	Yes
<u>Visual Control:</u>	Yes (Green Neon turns on)	Yes (Red neon turns on)

\*IN CASE OF A SUSTAINED SURGE, THERE WILL BE NO LINE INTERRUPTION.

## Mechanical Specifications



Dimensions: 90 X 58 X 17.5 (H X D X W)

Mounting: DIN Rail 50022

I/O Connections: Screw terminals

\*All dimensions are in millimeters.