gefi® elektronik
„rund um den Elektro-Motor"

Inrush Current Suppressor

Type ESB-RRT

VDE 0160
EN 50178

This device is preferably used for applications with transformers or electronic equipment, e.g. Monitors, Computers.

Technical specifications:

- Max. load 2400 W / 10 A / AC
- 230 V / AC supply voltage (+/- 10%)
- Time between OFF and ON switching: approx 5 sec (cooling time for resistor)
- Measurements of the plastic housing: 160 x 80 x 60 mm (L x B x T)
- Signal light
- Built-in termal fuse

Function:

During the startup of electronic loads (e.g. Monitors, Computers), a high inrush current occurs that is many times higher (up to 15 times as high) than the normal current, which can therefore cause fuses to be blown.

The GEFI-Inrush Current Suppressor Type RRT will prevent this malfunction ***and extend the life of the device.***

When the plugged-in load at the RRT receptacle is switched ON or after power interruption, a built-in resistor will suppress the high inrush current. After a short time delay (approx 0.5 sec), the contact of a relay in the RRT overrides this resistor and a signal light indicates this status.

Feature:

A preventive safety measure in the RRT is an integrated thermal fuse which will protect the load from the supply voltage if the resistor becomes overheated due to a defective relay or a defect in the RRT electronic circuitry.

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