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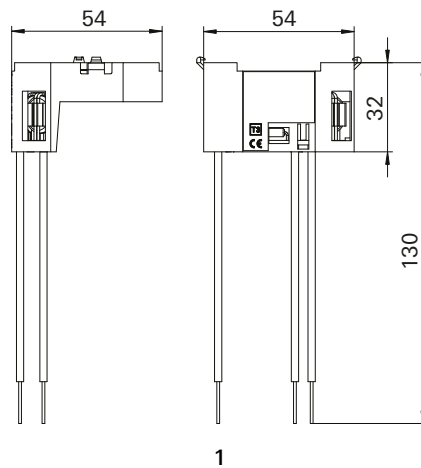
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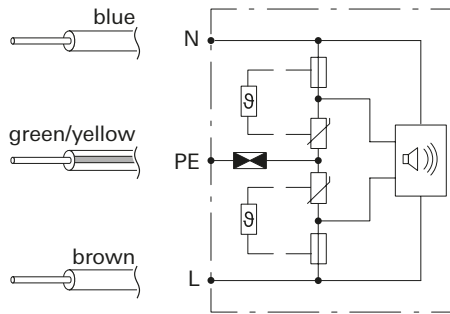
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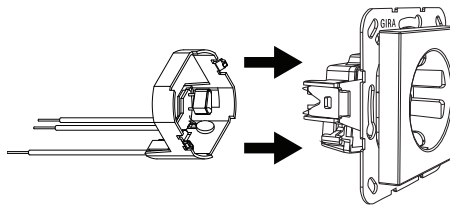
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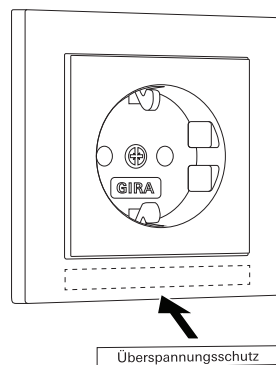
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Overvoltage protection module

Safety instructions



Electrical devices may only be connected and mounted by a qualified electrician.

Serious injury, fire or damage to property possible. Read and follow these instructions completely.

Danger of electrical shock. Before working on the device or load, disconnect the power supply.

Observe national laws and standards (e.g. IEC 60364-5-53; VDE 0100 Part 534)!

These instructions are an integral part of the product and must remain with the end customer.

Intended use

- Overvoltage protection module class III in accordance with IEC 61643-11 (type 3, EN 61643-11) for electrical circuits.
- For mounting on protective contact socket outlets.
- With acoustic signalling to indicate function and with label to identify the protected circuit.

Mounting and electrical connection



DANGER!

Electrical shock when live parts are touched.

Electrical shocks can be fatal.

Before working on the device, disconnect the power supply. To do this, switch off all corresponding circuit breakers, secure them against being switched on again and ensure that they are de-energised. Cover adjacent live parts.

1. Push the overvoltage protection module onto the socket outlet from the rear and snap it into place on the support ring (fig. 3).
2. Connect the lines of the overvoltage protection module to the socket outlet contacts in parallel. Observe the colour code (fig. 2).
3. Connect the socket outlet to the mains voltage.
4. Mount the socket outlet together with the overvoltage protection module in a device box.
5. Label the socket outlet (fig. 4).

In the event of a fault

If the integrated disconnecting device is triggered (e.g. due to multiple and very high overvoltages), an acoustic signal will sound continuously. In this case, the overvoltage protection module is defective and must be replaced.

Technical data

Nominal voltage U_N	AC 230 V~ (50 Hz)
Maximum continuous voltage U_C	AC 255 V~ (50 Hz)
Nominal discharge surge current I_n (8/20)	3 kA
Discharge surge current I_{total} (8/20)	10 kA
U_{OC}	6 kV
Max. back-up fuse	16 A
U_p	< 1.5 kV
IEC/CEI 61643-11	class III
EN 61643-11	Type 3
Protection type	IP 20
Ambient temperature	-5°C to +40°C
Dimensions	see fig. 1