

Safety Instructions

Gateway GW-20

Scope of this document (See EN 60950 Sec. 1.7.2)

The safety instructions contained in this document are intended for use by service/maintenance personal for the proper installation of the equipment.

1 Safety Instructions

1.1 Wire size and isolation (See EN 60950 Sec. 1.5.5; 3.1.1; 3.2.4)

Use the power cord provided with the equipment to connect to the mains supply. If for some reason another cable is used (e.g. plug type does not comply with local usage) the following prescriptions must be observed.

The connection on the equipment side must be done using an approved (IEC 320-1/C13) type P-587 connector.

Isolation:

The cable (wires) used must be suitable for 230 volts with a test voltage 1500V.

Wire size:

The wires in the power cord must have a cross section adequate for the current rating of the protection devices of the in house mains circuit according to the following table:

| | |
|-----------|-----------------------------|
| Up to 6A | minimum 0.75mm ² |
| 6A to 10A | 1.0mm ² |

1.2 Mains supply tolerance (See EN 60950 Sec. 1.6.5)

The mains supply tolerance of this equipment is $\pm 10\%$.

1.3 Mains voltage adjustment (See EN 60950 Sec. 1.7.4; 4.3.1)

This equipment has no mains voltage adjustment. The input voltage range permits operation from 100 to 240 VAC.

1.4 Protection in building installation (See EN 60950 Sec. 1.7.11)

In house wiring to the socket to which the unit will be connected must be in accordance with local building codes and must include a valid protective earth. It must also be fused at max. 10A as this is the maximum current rating of the power cord, power inlet and power switch.

1.5 Fuses (See EN 60950 Sec. 1.7.6)

The equipment is protected by a fuse located in the power inlet socket. The fuse is rating is 3.15A/T (Time delay)

1.6 Wire fixing (See EN 60950 Sec. 3.3.4)

In case the power cord is not connected to a socket, each wire must be fixed as close as possible to the terminal in such a way that if it becomes loose it will not touch any ungrounded part. This fixing must be done by the installer.