

Important notes for A-100 power supply installation

Installation of the power supply has to be carried out by authorized personnel only who are familiar with all valid safety rules and guarantee the adherence of these rules. Installation affects parts, pc boards and cables that conduct mains voltage (230/115V). **Laymen are not allowed to carry out these works ! Danger to Life.** On our web site www.doepfer.com you will find detailed notes concerning the wiring of the mains inlet, the power supply board and the bus boards in the FAQ section. Even these notes are suitable for authorized personnel only.

Mounting the power supply on the old version of the A-100 rear panel

The old version of the rear panel can be recognized at the separate mains switch and the screwed mains inlet with integrated EMC filter (for the new version of the rear panel the mains switch is integrated into the mains inlet and a snap-in version of the mains inlet without additional screws is used). One of the two screws used to fix the mains inlet (the screw located near the power supply) has to be shortened so that a space of at least 5 mm (about 1/5 ") remains between the screw and the bottom side of the power supply board. The tracks and parts of the power supply board will lead mains voltage and there has to be a safety distance of at least 5 mm between the case resp. the screw and the bottom of the power supply board.

Fuse values

According to the type of the power supply and mains voltage these fuse values have to be used in the mains protection circuit (normally located in the mains inlet):

type of A-100 power supply	mains voltage	fuse value
A-100PSU2 (version with ring-core transformer, 1.2 A output current)	230 V	400 mA time lag
	115 V	800 mA time lag
A-100NT12 (version with flat transformer, 650 mA output current)	230V	125 mA time lag
	115V	250 mA time lag

A label that contains information about the mains voltage and required fuse value has to be stucked on to the rear panel. Suitable labels are available from Doepfer and normally included with the power supply board (provided that it is ordered separately and not part of a completely assembled frame or system, in these cases the label is already stucked on to the rear panel).