



Safety notes (Fig. 4)

EN

Read instructions!	Before working with this unit: read these instructions carefully and completely. Make sure that you have understood all the information (ask colleagues)! Comply with notes on the unit!
Disconnect system from supply network	Before any installation, maintenance or modification work: Disconnect your system from the supply network. Ensure that it cannot be re-connected inadvertently!
Before start of operation: Ensure appropriate installation	Warning! Improper installation/operation may impair safety and result in operational difficulties or complete failure of the unit. The unit must be installed and put into service by appropriately qualified personnel. Compliance with the relevant regulations (DIN, VDE or specific national regulations) must be ensured. Before operation is begun the following conditions must be ensured in particular: • Connection to mains supply in compliance with VDE0100 and VDE0160 • With stranded wires: all strands must be fastened in the terminal blocks (potential danger of short circuit) • Unit and power supply cables must be properly fused. A disconnecting device has to be provided for the end product to disengage unit and supply cables from supply mains if required. • The non-fused earth conductor must be connected to the $\oplus$ terminal • All output lines must be rated for the power supply output current and must be connected with the correct polarity • Sufficient air-cooling must be ensured • If present, the input voltage selector must be set appropriately • Attention: The connection terminals must be closed for voltage measurements
Grounding screws	Screws at the housing are for internal grounding. Do not remove them! Do not connect cables! Fig. 4 Note 1
In operation: No modifications!	As long as the unit is in operation: do not modify the installation! The same applies also to the secondary side (high current!). Risk of electric arcs and electric shock (fatal)! If available: Only (dis)connect the plug connector when the power is off!
Risk of burns	The unit becomes hot (particularly on the rear side and on the side surfaces). Do not touch the unit in operation and shortly after disconnection! Fig. 4 Note 2
Convection Cooling	Do not cover upper and lower wall surface! Leave sufficient space around the unit for cooling! For recommendation for spacing see supplementary sheet „Technical Data“. Fig. 4 Note 3
Warning: High voltage! Stored energy!	The unit contains unprotected conductors carrying a lethal high voltage, and components storing substantial amounts of energy. Improper handling may result in an electric shock or serious burns! • The unit must not be opened except by appropriately trained personnel! • Do not introduce any objects into the unit! • Do not open the unit until at least 5 minutes after it has been disconnected from the mains on all poles!
Energy hazard at output!	With some units in this range (output power $>240W_{out}$), the output is capable of providing hazardous energy. Final equipment manufacturer must provide protection to service personnel against inadvertent contact.