Precautions for Use

⚠ WARNING

- Do not modify, disassemble, or open this product. Failure to do so can cause electric shock hazard. TDK/Densei-Lambda cannot be held responsible for damage caused by modifications to this product.
- Internal voltage can be retained inside the product. Do not touch any parts inside the product because there can be high-voltage and high-temperature parts even when the electric current is not applied. This can cause an electric shock hazard or burn injury.
- There can be high-voltage and high-temperature parts even in products without a cover. Do not touch them. Touching them can cause an electric shock hazard or burn injury.
- While electric current is being applied, keep your hands and face away from it. This may cause injury or an unexpected accident.

⚠ CAUTION

- Be sure to read the catalogue and instruction manual before using this product. For strictly accurate information, request the specifications of the delivered product to check the information. Incorrect usage could lead to an electric shock, damage to the product or a fire hazard.
- If there are differences between the specific information given for your product and this document, the specific information given for your product has priority.
- Use this product within the specified input voltage, output power, output voltage, output current, and range of ambient temperature/ambient humidity. Using this product in conditions beyond the specification limits can shorten the lifetime of the product, or can cause, damage to the product, electric shock, or a fire hazard.
  Also, measure the temperature inside the device to check that there are no problems.
- Check the direction the product should face and the conditions for ventilation in the specifications of the delivered product, and use the product in the correct manner.
- Disconnect the power input before connecting inputs and outputs.
- If an internal fuse becomes burned out, do not use the unit by replacing the fuse. This can cause trouble inside the unit. Be sure to request us to repair the unit.
- Insert fuses in the input circuit for products in which protection circuits (elements, fuses, etc.) are not installed, to prevent smoking or burning. Also for products with protection circuits installed inside, an appropriate use of protection circuits is recommended as there is possibility that the internal protection circuit may not operate depending on the usage conditions.
- Use only the fuses specified or recommended by TDK/Densei-Lambda for external fuses.
- This product is designed and manufactured as a component part to be installed in electronic devices. Attach the warning label to the unit and insert the notes in the instruction manual.
- Malfunction and failure may be caused if this product is used in a strong electromagnetic field.
- Failure may be caused in the power supply unit due to corrosion if used in environments with corrosive gas (hydrogen sulfide, sulfur dioxide, etc.).
- Malfunction and failure may be caused if this product is used in environments with conductive substances or dust.
- Be sure to take protective measures against the surge voltage caused by lightning, etc. Damage to the unit may be caused due to irregular voltage.
- Connect the frame ground terminal of the power supply unit to the earth terminal of the device, for safety and to reduce noise. If grounding is not made, it may cause an electric shock hazard.
- It is necessary to exchange consumable parts (built-in fan, electrolytic capacitor) periodically. Set an appropriate overhaul interval period for the performance of maintenance. There may be some cases where overhaul maintenance cannot be conducted due to unavailability of parts due to production discontinuation.
- This product might fail accidentally or through unexpected conditions. When using this product with application devices, in which an extremely high reliability is required (Nuclear-related devices, traffic control devices, medical devices, etc.), be sure to ensure that the fail-safe function is effective in the devices.

* As for EMI or immunity, they are measured in the TDK/Densei-Lambda standard conditions. It is not guaranteed that this product meets industry standards or regulations when being used in different conditions of mounting and wiring. Assess and evaluate values on the actual device before use.
* To export this product, follow the necessary procedures of application for the export license by the government of Japan, etc., complying with the regulations of the Foreign Exchange and Foreign Trade Control Law.
* The information in this catalogue is subject to change without prior notice.