

Safety Precautions

Warning

- Do not remove the cover or disassemble.
There is a danger of electric shock and outbreak of smoke or fire due to short circuiting caused by the infiltration of foreign bodies.
- Do not add over voltage or surge in excess of the specifications.
There is a danger of extra voltage or surge causing insulation deterioration and leading to the outbreak of smoke or fire.
- Be sure to connect the product to a terminal in accordance with the stipulated conditions.
In the case of loose connections, there is a danger of abnormal overheating locally and the outbreak of smoke or fire.
- There is some leakage current within the stipulated amount.
Be sure to ground the product housing prior to installation.
Otherwise there is a danger of electric shock.
- Do not use or store a product in an environment where condensation might occur due to water or moisture.
There is a danger of electric shock. If a product does come into contact with water, cease using immediately.

Caution

- Before using a product, be sure to read the catalog and manual carefully. For safety's sake, request a product specification and check the contents. If a product is misused, there is a danger of electric shock, product damage, fire, etc.
- Any reproduction or transferring of the contents of this catalog is prohibited without prior permission from our company.
- We are not responsible for problems that occur related to the intellectual property rights or other rights of our company or a third party when you use a product listed in this catalog. We do not grant license of these rights.
- This catalog only applies to products purchased through our company or one of our company's official agencies. This catalog does not apply to products that are purchased through other third parties.
- Do not repeat tolerance tests, such as dielectric strength tests, impulse tests, and surge withstand tests.
There is a danger of such tests leading to voltage tolerance deterioration.
- Operating (maximum) current should not exceed the rated value.
If a product is used continuously with excess current, there is a danger of insulation deterioration due to abnormal overheating.
- Do not use beyond the operating temperature range.
Be especially careful about maximum operating temperature, including the self temperature rise.
Check the maximum allowable current for the ambient temperature in the catalog or product specifications.
- Do not remodel or process a product.
TDK-Lambda will not accept liability for remodeled or processed products. There is a danger of electric shock.
- If a product falls, do not use it.

- Do not use or store a product in an environment conducive to gas corrosion, etc. (salt, acid, alkali, etc.).
- Products are not designed to be radiation-resistant.
- Do not use a power-line EMC filter for the secondary side (output side), such as an inverter.
There is a danger of smoke or fire. (Use the special filter for the secondary side.)
- The products listed on this catalog are intended for use in general electronic equipment (AV equipment, telecommunications equipment, home appliances, amusement equipment, computer equipment, personal equipment, office equipment, measurement equipment, industrial robots) under a normal operation and use condition.
The products are not designed or warranted to meet the requirements of the applications listed below, whose performance and/or quality require a more stringent level of safety or reliability, or whose failure, malfunction or trouble could cause serious damage to society, person or property.
If you intend to use the products in the applications listed below or if you have special requirements exceeding the range or conditions set forth in the each catalog, please contact us.

- (1) Aerospace/Aviation equipment
- (2) Transportation equipment (cars, electric trains, ships, etc.)
- (3) Medical equipment
- (4) Power generation control equipment
- (5) Atomic energy-related equipment
- (6) Seabed equipment
- (7) Transportation control equipment
- (8) Public information-processing equipment
- (9) Military equipment
- (10) Electric heating apparatus, burning equipment
- (11) Disaster prevention/crime prevention equipment
- (12) Safety equipment
- (13) Other applications that are not considered general-purpose applications

When designing your equipment even for general-purpose applications, you are kindly requested to take into consideration securing protection circuit/device or providing backup circuits in your equipment.

Remarks

- When exporting a product, please follow the necessary procedures in accordance with the Foreign Exchange and Foreign Trade Control Act, such as an application to the Japanese government for permission to export.
- We may modify products or discontinue production of a product listed in this catalog without prior notification..