

Qoltec[®]



SAFETY WARNINGS REGARDING THE USE OF FOR MOLEX FAN ADAPTERS

The following list of safety warnings has been drawn up in accordance with the requirements of Regulation (EU) 2023/988 on general product safety (GPSR). Its purpose is to protect users from potential hazards arising from the improper use of products. The warnings have been formulated in a simple and understandable manner so that they are accessible to a wide audience, including older people and those with reduced mobility.

MOLEX fan adapters offered by NTEC sp. z o.o. are CE-marked, which confirms their compliance with EU safety standards.

Use MOLEX fan adapters in accordance with their intended purpose and the manufacturer's instructions.

BASIC HAZARDS AND PRECAUTIONS

1. Electrical risk:

- The adapter is designed to conduct electrical current. Incorrect connection may lead to a short circuit, overheating, or damage to the fan, power supply, motherboard or other computer components.
- Before connecting the adapter, switch off the computer or device, disconnect it from the mains and ensure that it is not live.
- Do not touch the contacts, connectors or cables with wet hands.
- Do not use the adapter if the cables, insulation, plugs or pins are damaged, frayed, bent, loose or melted.
- Bending SATA cables in confined spaces may restrict heat flow and lead to localised overheating.
- Dust accumulation on SATA connectors can cause an increase in electrical resistance and overheating.

2. Risk of incorrect connection:

- Before connecting, check that the adapter connector is compatible with the fan connector and the power supply.
- Do not use force when connecting the MOLEX plug, fan connector or other terminals.
- Ensure the connector and pins are correctly aligned. Incorrect connection may damage the fan or power supply.
- Never touch the connectors or cable with wet hands.

3. Risk of overload:

- Do not connect more fans or devices to a single adapter than specified by the manufacturer.
- Check that the total current draw of the connected fans does not exceed the permissible parameters of the adapter and the power source.
- Overloading the adapter may lead to the cables overheating, the insulation melting, a short circuit, a fire or damage to the connected devices.
- Do not use the adapter to power devices with a higher power consumption unless they are designed for this purpose.

4. Risk of overheating:

- After connection, ensure that the cables and connectors do not overheat during operation.

- Do not route cables in areas with elevated temperatures, e.g. directly next to heat sinks, graphics cards, the processor, the power supply or other heat-emitting components.
- Do not cover the cables with materials that may impede heat dissipation.
- If you notice a burning smell, smoke, sparks or excessive heat, switch off the device immediately and disconnect it from the power supply, provided this can be done safely.

SPECIFIC HAZARDS ARISING FROM USE

5. During installation

- Install the adapter with the computer or device switched off and disconnected from the mains.
- Before starting installation, discharge any static electricity by touching a grounded object or using an antistatic wrist strap, if available.
- Route cables so that they are not subject to crushing, cutting, chafing, excessive bending or being pulled out of the connector.
- Do not route cables near fan blades or moving parts.
- Ensure that cables do not obstruct airflow within the computer chassis or rack cabinet.

6. During operation:

- Check regularly that the adapter is correctly connected and that the connectors are not loose.
- Do not disconnect the adapter whilst the device is in operation, as this may cause sparking, damage to the connector or sudden fan stoppage.
- Do not tamper with the cables inside a running computer or device.
- If the fan does not start after connecting the adapter, switch off the device and check that the connection is correct and that the parameters are compatible.
- Do not use the adapter in installations where a failure of the cooling system could cause critical components to overheat, without adequate temperature monitoring.

7. Risks associated with fans:

- Fans have moving parts that may cause injury or damage to cables.
- Do not insert fingers, tools or cables into the rotating fan blades.
- Ensure that the adapter's cables are protected from contact with the fan blades.
- Do not use the fan if its cable, housing or blades are damaged.

PRECAUTIONS DURING MAINTENANCE

8. Cleaning:

- a. Cables should only be cleaned with a dry cloth; avoid using cleaning fluids.
- b. Regular cleaning of the contacts can prevent problems.
- c. Before reuse, ensure that the adapter and connectors are completely dry and free from dirt.

9. Condition check:

- a. Regularly check the quality of the cable connection to the sockets on the connected devices.

10. Storage:

- a. Store the adapter in a dry, clean place, away from moisture, high temperatures, direct sunlight and sharp objects.

ADDITIONAL WARNINGS

11. Child safety:

- a. Keep the cable out of reach of children to prevent accidental damage.

12. Avoid modifications:

- a. Cutting, extending or modifying the cables yourself may result in damage and void the warranty.

13. What to do in the event of a fault:

- a. If the product exhibits any abnormal behaviour, such as an unusual smell, appearance or noise, stop using it immediately and contact customer service.
- b. If you observe any dangerous behaviour of the product, contact the manufacturer urgently.

THE IMPORTANCE OF FOLLOWING THE WARNINGS

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring these recommendations may lead to serious health and property risks. Ensure your own safety and that of your loved ones by observing the recommended precautions.

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