

Qoltec®

SAFETY WARNINGS FOR USE DC ISOLATING SWITCH DISCONNECTOR

The following list of safety warnings has been compiled in accordance with the requirements of the General Product Safety Regulation (EU) 2023/988 (GPSR). Its purpose is to protect users from potential hazards arising from the misuse of products. The warnings have been formulated in a simple and understandable way to be accessible to a wide audience, including the elderly and people with reduced mobility.

DC switch disconnectors offered by the manufacturer NTEC sp. z o.o. are CE certified, which proves their compliance with EU safety standards.

Use the DC isolating switch according to their intended use and the manufacturer's recommendations.

BASIC HAZARDS AND PRECAUTIONS

1. Risk of electric shock:

- Improper installation or operation of the switch can lead to electric shock.
- Work on the unit should only be carried out by qualified personnel with the appropriate authorisation.

2. Risk of short circuit and overload:

- Incorrect connection or use of the circuit breaker can cause short circuits or overloads in the photovoltaic system.
- Ensure that the circuit breaker is appropriately sized for the parameters of the installation.

SPECIFIC RISKS OF USE

3. System compatibility:

- The switch must be compatible with the other components of the photovoltaic system, such as PV panels and inverters.
- The use of incompatible devices can lead to system failure or reduced performance.

4. Environmental risks and working conditions:

- The switch should be protected from extreme weather conditions such as high humidity, rain or direct sunlight if it is not designed for this.
- Ensure adequate ventilation around the unit to avoid overheating.

5. Safety during assembly and disassembly:

- Appropriate personal protective equipment, such as insulating gloves and safety goggles, should be used during installation and dismantling.
- Ensure that the system is disconnected from the power source before starting work.

MAINTENANCE PRECAUTIONS

6. Maintenance:

- Regular inspections are essential to detect any damage or wear on components.
- Cleaning of the unit should be carried out in accordance with the manufacturer's recommendations, avoiding the use of aggressive chemicals.

7. Storage:

- If the switch is not installed, it should be stored in a dry and clean place, protected from dust and moisture.
- Storage in areas exposed to extreme temperatures should be avoided so as not to adversely affect its properties.

ADDITIONAL WARNINGS

8. Child endangerment:

- The appliance should be installed out of the reach of children and untrained persons to avoid accidental contact.

9. Avoid modifications:

- Do not attempt to modify or repair yourself the product. In case of problems, contact the manufacturer or its authorised service centre.

10. Action in the event of an emergency:

- If the unit exhibits abnormal operation, such as overheating, sparking, unusual odour or noises, immediately switch it off and disconnect it from the power supply and then contact the service centre.
- If you observe any unsafe product behaviour, contact the manufacturer urgently.

THE IMPORTANCE OF COMPLYING WITH THE WARNINGS

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring the recommendations can lead to serious health and material risks. Keep yourself and your loved ones safe by observing the precautions indicated.

PRODUCER

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