





General

Disclaimer

The observance of the information products for the devices is a prerequisite for safe operation to achieve the stipulated performance characteristics and product characteristics. Janitza electronics GmbH accepts no liability for injuries to personnel, property damage or financial losses arising due to a failure to comply with the information products. Ensure that your information products are accessible and legible.

Further information can be found on our website www.janitza.com Support > Downloads.

Copyright notice
© 2016 - Janitza electronics GmbH - Lahnau. All rights reserved. Duplication, editing, distribution and any form of exploitation, also as excerpts, is prohibited.

Subject to technical amendments
Make sure that your device agrees with the installation manual.
Read and understand first product-related documents.

Relevant laws, applied standards and directives
The laws, standards and directives for the device applied by Janitza electronic GmbH can be found in the declaration of conformity on our website.

Safety information
Keep product supporting documentation throughout the life available and, where appropriate, to pass on to subsequent users.

Please inform yourself about device revisions and product-related adjustments to the product-related documentation on www.janitza.com.

Disposal
Please observe national regulations! If disposal of individual parts, please dispose of them in accordance with their nature and existing country-specific regulations, for example as:

- Electrical scrap
- Plastics
- Metals

Or, task a certified disposal business with the scrapping.

Qualified staff
In order to prevent personal injuries and damage to property, only qualified staff with electrical training may work on the device, with knowledge of:

- the national accident prevention regulations
- the safety engineering standards
- installing, commissioning and operating the device.

Safety symbols used:
This symbol is an addition to the safety instructions and indicates an electrical hazard.

This symbol is an addition to the safety instructions and indicates a potential hazard.

This symbol with the word NOTE! describes:

- Procedures that do not pose any risks of injury.
- Important information, procedures or handling steps.

Hazardous voltages
Hazardous voltages may be present in all switching parts that are connected to the power supply.

Safety information is highlighted by a warning triangle and is indicated as follows depending on the degree of danger:

Proper use
The device is:

- intended for installation in switch cabinets and small installation distributions, it can be installed in any mounting position (please observe step 3 "Assembly").
- Do not operate equipment with current too close to the source while open.
- Do not exceed the threshold values specified in the user manual and on the rating plate.
- The use of the device in mobile equipment is considered as non-standard environmental conditions and is therefore only permitted with separate agreement.
- not intended for installation in environments with hazardous oils, acids, gases, vapours, dusts, radiation, etc.

The prerequisites of faultless, safe operation of this device are proper transport and proper storage, set-up, installation, operation and maintenance.

Damage to property due to disregard of the installation
Failure to observe the installation instructions can damage or destroy your device.

Ensure that there is an adequate air circulation in your installation environment; if the ambient temperatures are high, ensure there is adequate cooling if required.

Risk of injury due to electric voltage!
Serious bodily injury or death can result from:

- Contact with bare or stripped live wires.
- Device inputs that are dangerous to touch.
- Do not connect the supply voltage to the voltage input.
- Provide a fuse for the neutral conductor if the source's neutral conductor connection is not earthed.

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

De-energise your device before starting work! Check that it is de-energised.

Earth the system. Use the earth connection points with earthing symbols for this!

Avoid open operation of the current transformers - short-circuit unloaded transformers!

<