

Attention

Dangerous voltage! Danger to life or serious injury! Before starting work disconnect the system and device from the power supply. Risk of electric shock or burns. Failure to do so will result in death, personal injury, or substantial property damage.

Important Note

The product described here has been developed to meet the requirements defined under "Scope". A complete installation with this device also contains other components, such as disconnectors and components for safe shutdown. It is in area of responsibility of the manufacturer of a system or machine to ensure correct overall function to ensure. Olmatic GmbH is not able to guarantee all properties of an overall installation or machine that was not designed by Olmatic GmbH.

Qualified staff

Qualified personnel in terms of the safety instructions in the user documents are people who are familiar with the installation, assembly, commissioning and operation of the product and have the appropriate qualifications for their job, such as:

- Training or instruction or authorization for devices / systems in accordance with the standards to operate and maintain safety technology for electrical circuits and devices.
- Training or instruction in maintenance and use in accordance with the standards of safety engineering adequate safety equipment.
- First aid training.

Scope

The Olmatic measuring devices are intended exclusively for recording electrical parameters such as voltage, current, power, energy, etc. in the building installation or in distributors. It is able to measure 1-, 2- or 3-phase and can be used in two-wire, three-wire or four-wire TN, TT and IT networks.

Wear the prescribed protective clothing. Observe the general installation and safety regulations for working on high-voltage systems (e.g. DIN VDE), as well as national or international regulations. Only appropriately qualified personnel are allowed to carry out installation and maintenance work on this device. Check the device for possible damage before installation. A damaged device must neither be installed nor put into operation. Before carrying out installation, maintenance or assembly work, both the supply voltage and the measuring voltage on the device and the system in which the product is installed must be disconnected from the power supply. Before connecting the device, it must be ensured that the local power supply conditions match the information on the nameplate.

- Supply voltage: Always secure the supply voltage of the device with an approved 1.0 A fuse, tripping characteristic C.
- Voltage measurement inputs: The device must be protected with an approved 10 A back-up fuse or an approved 10 A miniature circuit breaker.
- Isolating device: A suitable isolating device must be connected upstream in order to switch the device off and off! The disconnecting device must be installed near the device, easily accessible for the user and marked as the disconnecting device for the device.
- Current measurement inputs: Current measurement with the device is only possible using the supplied Rogowski coils/Current Transformers. These must not be installed over bare copper busbars, but only over insulated busbars or cables.