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## 1. User manual

This instruction manual contains information and instructions to enable the user to work safely, correctly and economically on the unit. Understanding and adhering to the manual can help one:

- Avoid any dangers.
- Reduce repair costs and stoppages.
- Extend and improve the reliability and working life of the unit.

**PLEASE ENSURE TO USE THE RIGHT VERSION OF THE INSTRUCTION MANUAL SUITABLE FOR YOUR UNIT.**

### Conditions of use

The unit is to be used exclusively for the dissipation of heat from control cabinets and enclosures in order to protect temperature sensitive components in an industrial environment. To meet the conditions of use, all the information and instructions in the instruction manual must be adhered to.



#### General danger

Indicates compulsory safety regulations which are not covered by a specific pictogram such as one of the following.



#### High electric voltage

Indicates electric shock danger.



#### Important safety instruction

Indicates instructions for safe maintenance and operation of the unit.



#### Attention

Indicates possible burns from hot components.



#### Attention

Indicates possible damage to the unit.



#### Instruction

Indicates possible danger to the environment.

## 2. Legal regulations

### Liability

The information, data and instructions contained in this instruction manual are current at the time of going to press. We reserve the right to make technical changes to the unit in the course of its development. Therefore, no claims can be accepted for previously delivered units based on the information, diagrams or descriptions contained in this manual. No liability can be accepted for damage and production caused by:

- Disregarding the instruction manual
- Operating error
- Inappropriate work on or with the unit
- The use of non-specified spare parts and accessories
- Unauthorised modifications or changes to the unit by the user or his personnel

The supplier is only liable for errors and omissions as outlined in the guarantee conditions contained in the main contractual agreement. Claims for damages on any grounds are excluded.

### 3. Safety instructions

Upon delivery the unit is already meeting current technical standards and can therefore be safely taken into operation. Only authorised personnel is allowed to work on the unit. Unauthorised personnel must be prohibited from working on the unit. Operating personnel must inform their superiors immediately of any malfunction of the unit.

Please note that before starting to work on or with the unit, a procedure must be carried out inside the cabinet on which the unit is to be mounted.

Before commencing work inside the cabinet, the control cabinet manufacturer's instruction must be read with regards to:

- Safety instructions.
- Instructions on taking the cabinet out of operation.
- Instructions on the prevention of unauthorised cabinet reconnection.

The electric equipment meets the valid safety regulations. One can find dangerous voltages (above 50 V AC or above 100 V DC)

- Behind the control cabinet doors.
- On the power supply in the unit housing.

The unit has to be operated according to the type plate and the wiring diagram, and must be protected externally from overloading and electrical faults via suitable protective devices such as ground fault protection breakers.



#### **Danger through incorrect work on the unit**

The unit can only be installed and maintained by technical competent and qualified personnel, using only supplied material according to the supplied instructions.



#### **Danger from electrical voltage**

Only specialised personnel are allowed to maintain and clean the unit. The personnel must ensure that for the duration of the maintenance and cleaning, the unit is disconnected from the electrical supply.



#### **Attention**

Damage to the unit through the use of inappropriate cleaning materials. Please do not use aggressive cleaning material.



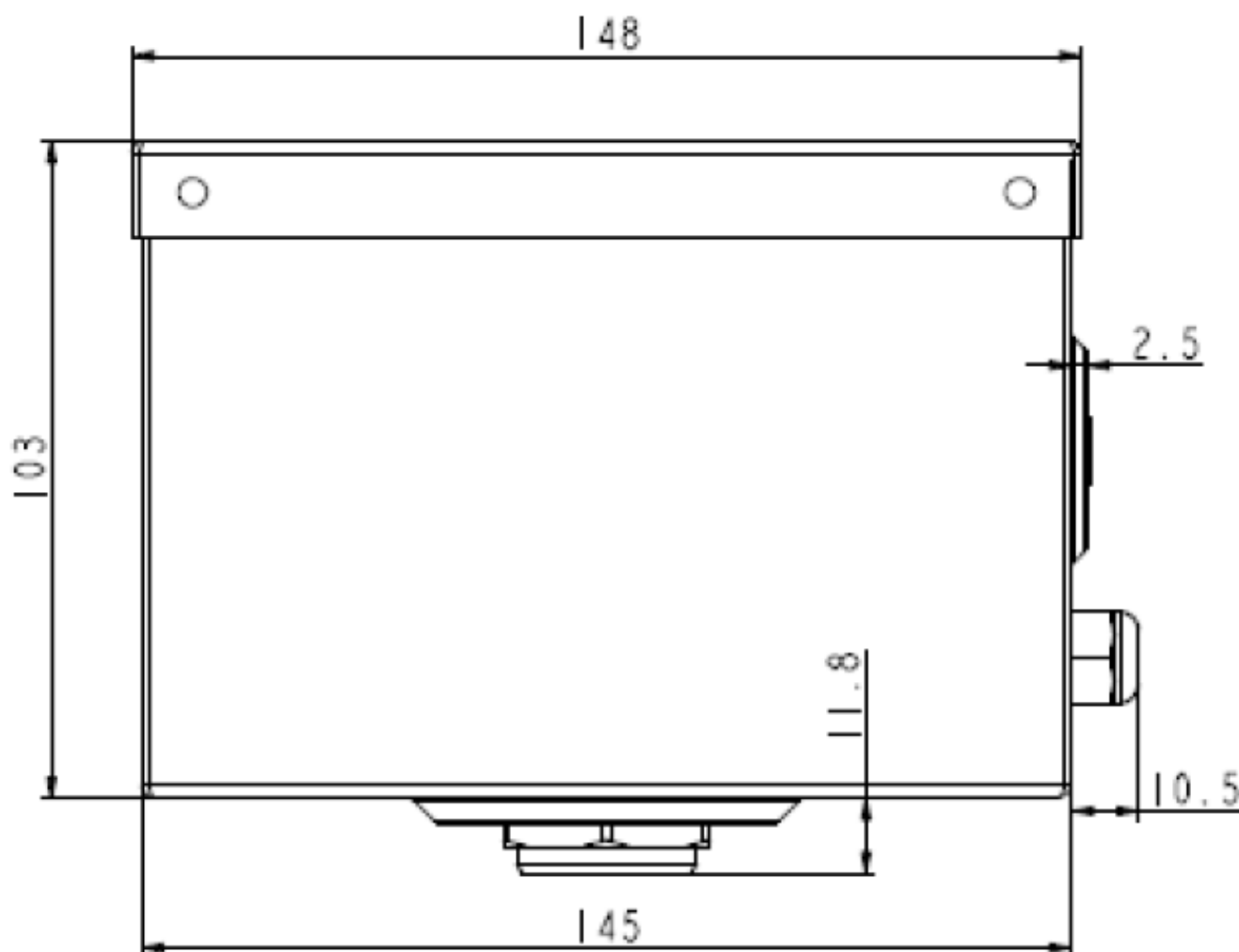
#### **Instruction**

Damage to the environment through unauthorised disposal. All spare parts and associated material must be disposed according to the environmental laws.

## 4. Technical data

<b>Order Number</b>	82000001
<b>Mounting</b>	Anbau
<b>Housing Material</b>	Mild steel, RAL 7035
<b>Dimension H x W x D</b>	103 x 164 x 148 mm
<b>Voltage / Frequency</b>	230 V ~ 50/60 Hz
<b>Starting current</b>	2 A
<b>Approvals</b>	CE, RoHS

## 5. Cut out dimensions



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