

BGV-D8 / D8+



# Hoists Controller for 1 Hoists Power up to 3,0 KW



**General:**

Dear User,

we are pleased that you have chosen for this current distribution. Please read this entire manual before operating. Only then the safty use of the device is guaranteed. Notice always the dangers or risk instructions!

**General Information:**

This device has left our plant in absolutely perfect condition. In case of damage caused by failure to observe the instructions will invalidate the warranty. For consequential damages at result from this, the manufacturer accepts no liability.

Note also that damages caused by manual alteration to this equipment not covered by the warranty. Please use only original spare parts.

**Risk Phrases:**

All persons who shall be entrusted with the installation, commissioning, operation and maintenance of the equipment must

- \* be qualified
- \* notice this manual

**Be especially careful when handling with mains voltages 230V and 400V! At these voltages, you can suffer a dangerous electric shock.**

**Avoid use in combination with water (rain, condensation, etc.).**

**This current distribution is not suitable with the standard equipment for operation on AC motors!**

**Please notice:**

**Before opening the housing disconnect the  
plugs!**

## **Delivery:**

- 1 pcs 1-way Hoists Controller complete

- *Option: Powercord Extension*

## **Usage of the motor controller:**

The motor controller is used to control three-phase powered electric motors up to 2.0 KW per control channel. A position determination for Kettenzugmotoren is not possible. The devices are equipped with an independent emergency stop device and thus meet the applicable UVV. These devices may only be operated by qualified personnel.

## **Before commissioning:**

Before each use, the person responsible from the soundness of the system, in particular the connection cables, plugs and sockets has to convince.

## **Connection to the power supply:**

- Before plugging in the power supply (CEE plug) should be operated for safety reasons, the emergency stop button.

## **Conditions for the operation:**

- A driving of the engine is possible only under the following conditions:
- All fuses (internal) must be OK
- Emergency stop button must be unlocked
- All 3 phases must be present

## **Direction Selection and driving of the motors:**

On the hand control the direction of the motor of the corresponding drive switch can be performed by pressing.

## **Emergency shutdown :**

Pressing the emergency stop button, the output of the motor control 3 is disconnected pole, so that the power supply to the motor is interrupted and the motor has come to a standstill. To release the emergency stop button, this has to be unlocked by turning the cap.

## **Fuses:**

There are no fuses inside.

## **Phase sequence / direction of rotation:**

The motor controller is equipped with a CEE phase inverter. The standard phase sequence results in a clockwise rotation (motors driving on). If your three-phase connection not give a clockwise rotation, you can change by turning the contacts L1 / L2 within the phase plug the direction of rotation of your motor. Use to rotate a Screwdriver.

