

System solutions for every lift.  
Everywhere.

# REPLACEMENT KITS LIFT MODERNISATION



**SCHMERSAL**  
BÖHNKE+PARTNER

# REPLACEMENT KITS

## MODERNISE YOUR LIFT FOR THE FUTURE!

Our bp308 and bp408 control systems can be used for both rope and hydraulic systems. They support COM interfaces such as CANOpenLift, USB, Ethernet, RS 485 (DCP) and RS 232 and include a type tested safety circuit in accordance with EN 81-20/-50.



### bp408

- Compact design
- Sophisticated group algorithm adaptable to customer requirements without a higher-level computer
- Supports all types of shaft (hoistways) and cabin doors
- Supports absolute position copying systems (linear and rotary encoders)
- Supports Safety Position Units (PSU)
- Software with extensive functions

### bp308

- Decentralised control system
- Sophisticated group algorithm adaptable to customer requirements without a higher-level computer
- Supports all types of shaft (hoistways) and cabin doors
- Supports absolute position copying systems (linear and rotary encoders)
- Supports Safety Position Units (PSU)
- Software with extensive functions

# REPLACEMENT KITS

## LIFT MODERNISATION

If you are already using an older model of our lift control systems, you can easily and cost-effectively replace it with the latest version.

The control cabinet remains virtually unchanged – only the lift control system, the centrepiece of your lift is replaced and supplemented with a few additional components. With the new lift control system, your lift is equipped for the future.

Our renovation and modernisation solutions enable you to offer your customers a quick and uncomplicated lift control system modernisation.

In most cases, the replacement kits we prepare allow you to simply remove the old control system and install the new solution.

## ADVANTAGES

- No long downtimes
- Modular expandability
- Cost-effective replacement solution: the existing control unit is reused.
- All requirements of EN 81-20/-50 can be implemented step by step
- All data from the existing system is transferred to the replacement kit after delivery
- As only the processor is replaced, the carbon footprint is significantly reduced compared to replacing the entire control system
- Spare parts availability guaranteed for the next 10 years



## WHAT DO WE NEED FROM YOU?

- Control number of the control system to be converted
- Photo of the open control cabinet for structure information
- Circuit diagrams as scanned PDF file. **ATTENTION:** No photos, please!
- If possible, the read-out text file of the control parameters or the EE-PROM

## DO YOU NEED HELP?

If you require on-site assistance with the replacement, please contact our service team on **+49 2204 9553-444** or email **sas@boehnkepartner.de**. We will be happy to provide you with a service assignment. Please do not hesitate to contact our colleagues.



**These are standard options only.**

We are also happy to integrate additional and special features at extra cost.



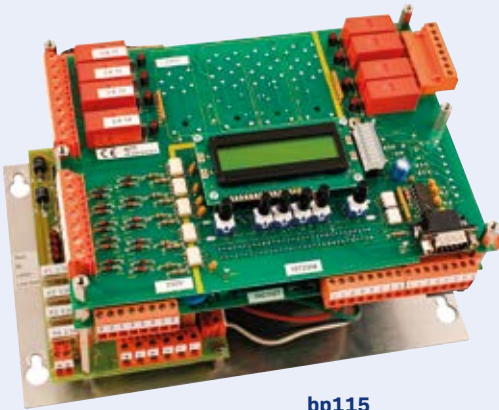
**We can also replace third party controllers!**

**IMPORTANT:** You must use "Böhnke + Partner" components.

# REPLACEMENT KITS

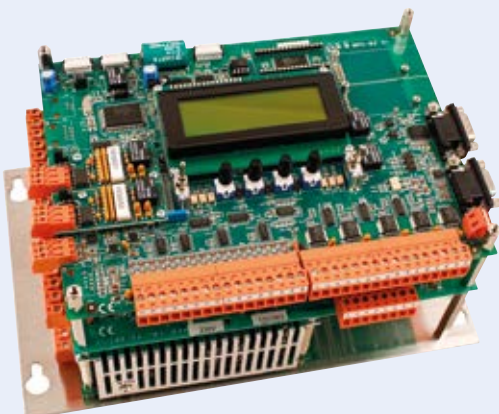
## bp115 BY bp308

The existing BMK/BKS module is connected to the processor using patch modules (BKM-08).



## bp306 BY bp308

An additional power supply unit, a mains filter and a coupling diode are used.

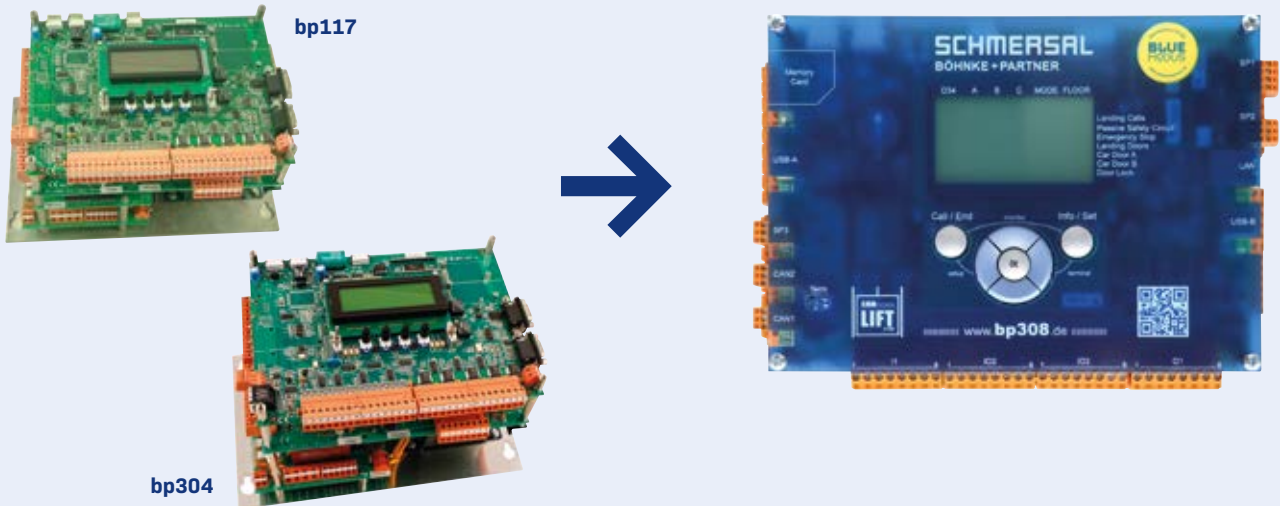


bp306

# REPLACEMENT KITS

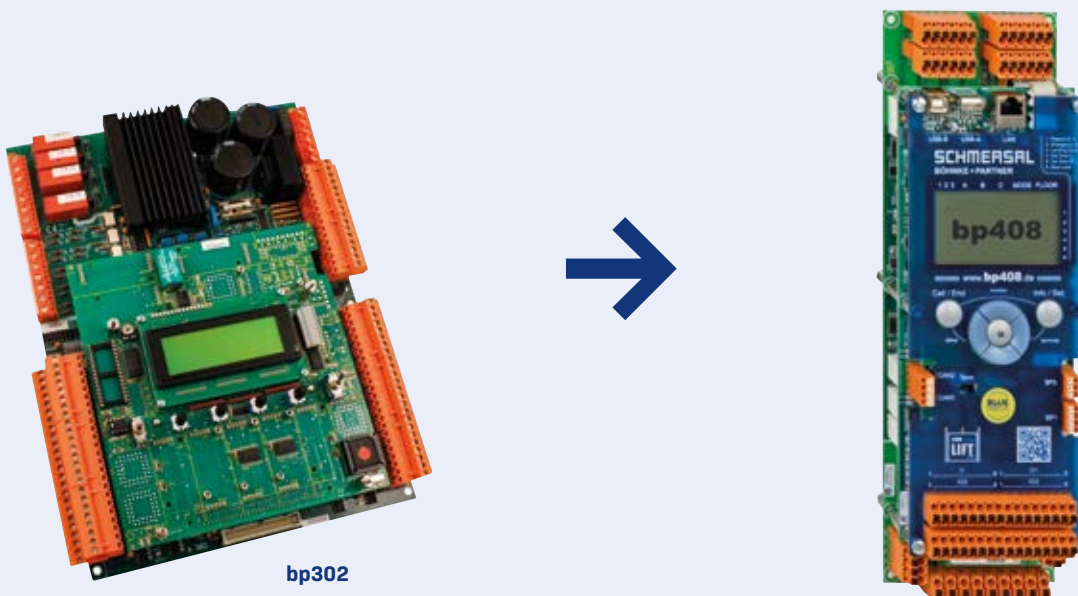
## bp117/304 BY bp308

An additional CIO/SBE module is always used here.



## bp302 BY bp408 WITH EXTENSION

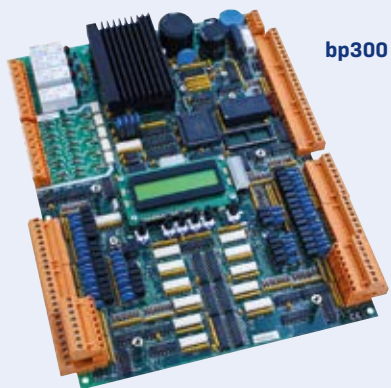
A coupling diode is always used here.  
Different adaptor plates are available depending on the control cabinet design.



# REPLACEMENT KITS

## bp300/302 BY bp408 WITHOUT EXTENSION

A coupling diode is always used here.



# SYSTEM SOLUTIONS FOR EVERY LIFT. EVERYWHERE.

Our customers lift systems are at the focus of our attention. Regardless if it's a new system or a modernisation – with our years of experience we identify an individual or standardised solution according to your requirements. Our common goal is to guarantee the safe movement of the lift system for the users.

Schmersal Böhnke + Partner is a member of the Schmersal Group. With its products, the ownermanaged Schmersal Group has dedicated itself to the safety of people and machines for many decades. The company was founded in 1945, and is represented by seven manufacturing sites on three continents and with its own companies and sales partners in more than 60 nations. In the demanding field of machine safety, the Schmersal Group is one of the international market and competence leaders. Based on a comprehensive product portfolio, the company's approximately 2000 employees develop and plan complete safety-related system solutions.

For over 50 years we have supplied high-quality components for the lift industry. With the acquisition of Böhnke + Partner to the Schmersal Group, we took over the system concept to our lift area. Since then, the product portfolio – with control systems and components – includes all necessary elements for equipping a lift system from electrical point of view.

We supply lift manufacturers with our products all over the world. The Schmersal Group has four production plants in Germany and one each in Brazil, China and India. We offer the flexibility of a medium-sized company, combined with the international presence of a company group.



## CONTROL MODULES



## COMPONENTS FOR LIFT CONSTRUCTION



## CONTROL SYSTEM ASSEMBLY

