

CBM 3

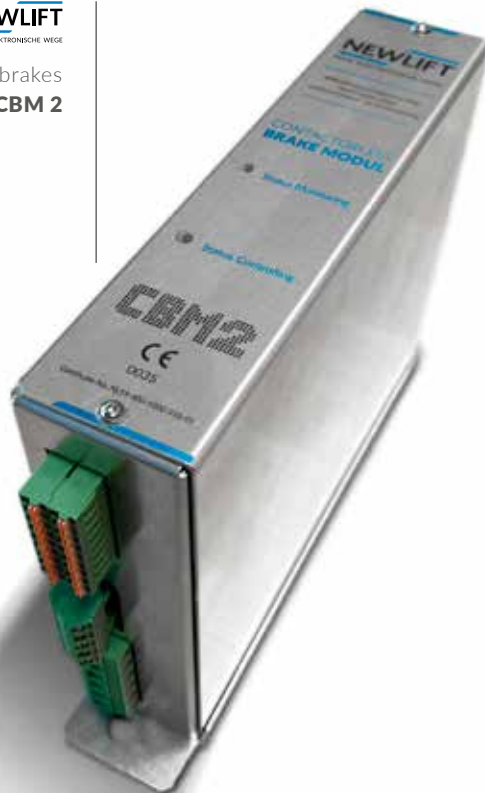
# CONTACTORLESS BRAKE MODULE

In cooperation with:



One module for all brakes – now even smarter



NEWLIFT  
NEUE ELEKTRONISCHE WEGEOne module for all brakes  
CBM 2

The logo for 'mayr' in blue, with the tagline 'Ihr zuverlässiger Partner' below it.

Intelligent brake monitoring  
ROBA® brake-checker®

CBM 3 = CBM 2 + ROBA® brake-checker®

# CONTACTORLESS BRAKE MODULE

One module for all brakes – now even smarter



**W**ith the CBM 3, NEW LIFT presents the next generation of universal brake control. Developed in collaboration with mayr® power transmission, the module combines maximum safety with intelligent monitoring – for both new construction and modernisation projects.

The certified contactorless control system offers voltages from 40 to 207 V and currents up to 6 A per brake circuit. All settings can be conveniently adjusted via the FST menu.

**In addition, the CBM 3 integrates the mayr® ROBA® brake-checker®:**

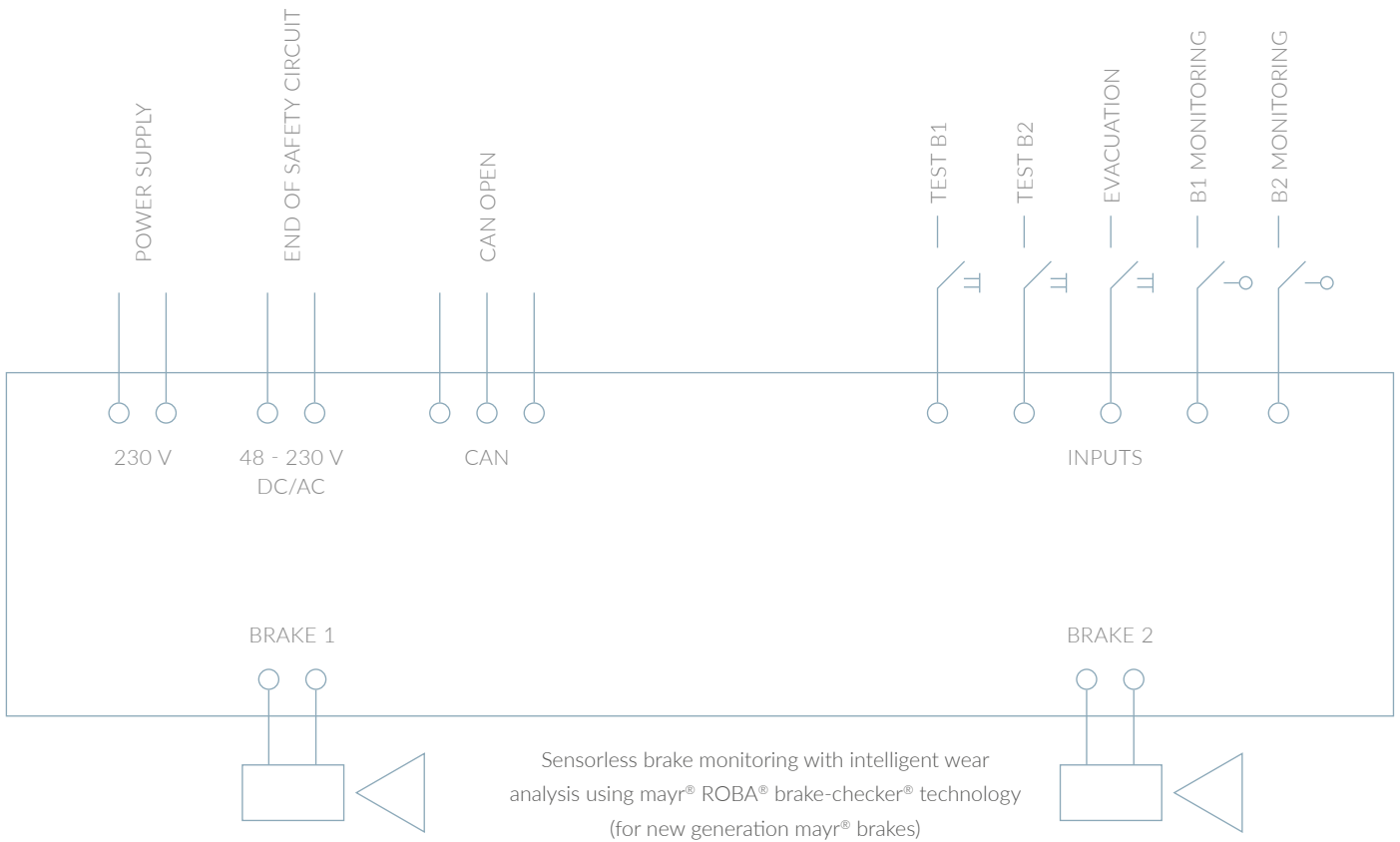
With modern mayr® brakes, this eliminates the need for traditional monitoring contacts, including wiring and maintenance. Instead, intelligent, sensorless analysis takes over monitoring and enables preventive functional monitoring for wear, functional reserve and faults.

In addition, the CBM 3 already meets the requirements of the upcoming DIN ISO 8100-1/2. An integrated safety circuit reliably monitors the brake control and ensures maximum operational safety with a restart interlock in the event of a fault.

## MAIN FEATURES

- Up to two brake circuits, each 40–207 V / 6 A
- Contactorless (certified according to EN81-20/50, ISO 8100-1/2)
- mayr® ROBA® brake-checker® technology integrated
- Programmable via CANopen
- Commissioning and monitoring via FST menu and FST guide

## WIRING DIAGRAM



## TECHNICAL DATA

CBM dimensions (L x W x H)	245 x 48 x 155 mm
Weight	1,1 kg
Internal fuse	8 A
Supply voltage	230 V AC (± 5 %)
Standby power consumption	160 mA

### FUNCTIONS

- Stepless adjustment of brake voltages from 40 to 207 V DC
- Stepless adjustment of power reduction from 12 to 50%
- Stepless adjustment of the power reduction time from 0 to 5 seconds
- Sensorless brake monitoring with intelligent wear analysis (for new generation mayr® brakes)
- Two brake monitoring inputs (can be deactivated)
- Parameterisation and monitoring via CANopen
- Real-time monitoring and fault diagnosis via FST Guide
- Inputs for brake test and evacuation (MRL)

- Integrated safety circuit with restart lock in case of fault detection in accordance with DIN ISO 8100-1/2

### SIMPLE COMMISSIONING

All parameters, such as the number and function of brakes, brake voltages, brake currents and power reduction, can be conveniently set via the FST menu. Function checks, current consumption displays and fault diagnostics are carried out intuitively and graphically animated in the FST Guide.

The **integrated ROBA® brake-checker® technology** also ensures maximum transparency: real-time and condition monitoring enable predictive maintenance of your systems – including cloud-based connection via ELEVATION 4.0.

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