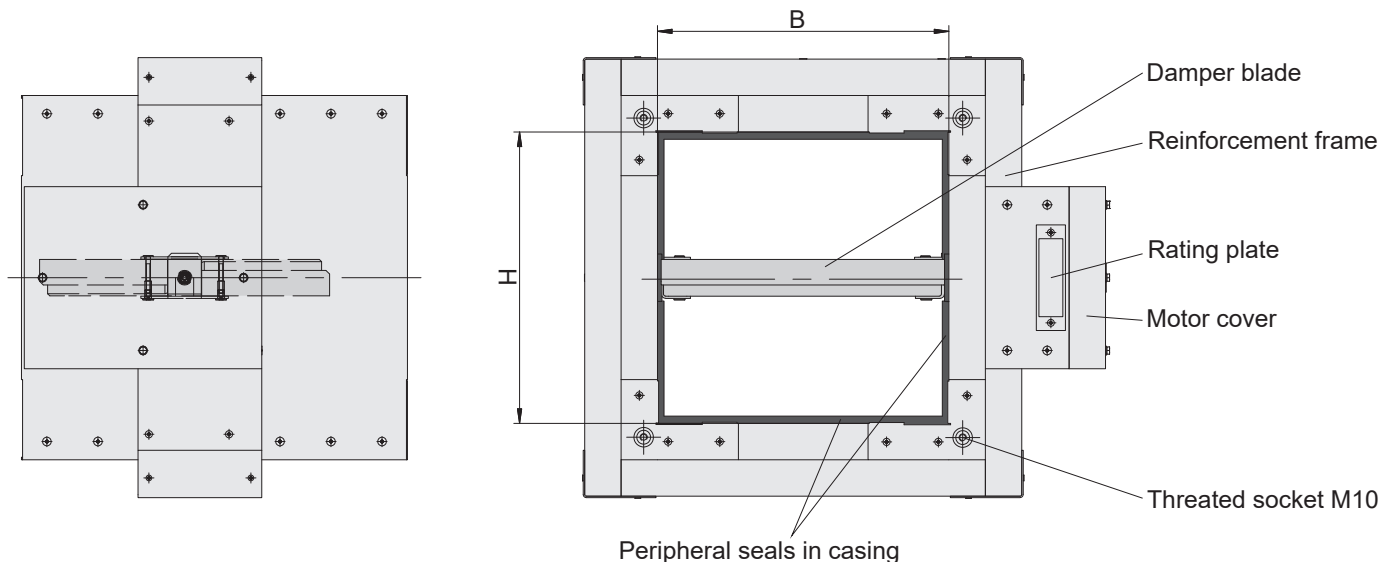


Operating instructions

EK90 smoke control dampers

- EK92 series -

EK90 smoke control dampers are safety devices in buildings and are subject to regulations, in particular, governing their installation, operation and servicing. These should be observed by the operator!



EK92 smoke control damper

The drive motors illustrated on page 2 can be accessed after opening the motor cover.

Dimensions BxH of 200x200 to 1500x800 [mm]

Installation

The manufacturer's specifications must be followed for installing the smoke control dampers, in particular, the corresponding user manuals and relevant regulations. These operating instructions require correct installation of the smoke control dampers.

Function

EK90 smoke control dampers should be connected to the on-site release mechanisms. When triggered, the smoke control dampers must open and close automatically.

Commissioning

The damper blade of the smoke control damper must be opened and closed with the in-built electrical drive motor when being commissioned. The smoke control damper can be fitted with different release mechanisms.

Functional check

You have to close and then open the damper blade of the smoke control damper. 6-month checks of smoke control damper functionality are mandatory in Germany. If successive tests are passed without any defects, the next test may be carried out after one year. Relevant regulations and standards should be followed.

Operation + servicing

Operation of the smoke control damper is only permitted if it is in perfect condition. There must be no damage, significant contamination or other circumstances that could interfere with operation. Inhibitory contaminations within the smoke control damper casing must be eliminated.

Repairs

Defects on the smoke control damper must be eliminated immediately. Defective components may be replaced with original factory spare parts. Other repairs should be coordinated with the manufacturer of the smoke control dampers. Sufficient expertise is required!

Electric components

EK90 smoke control dampers contain electrically connected components! Necessary safety measures must be followed!

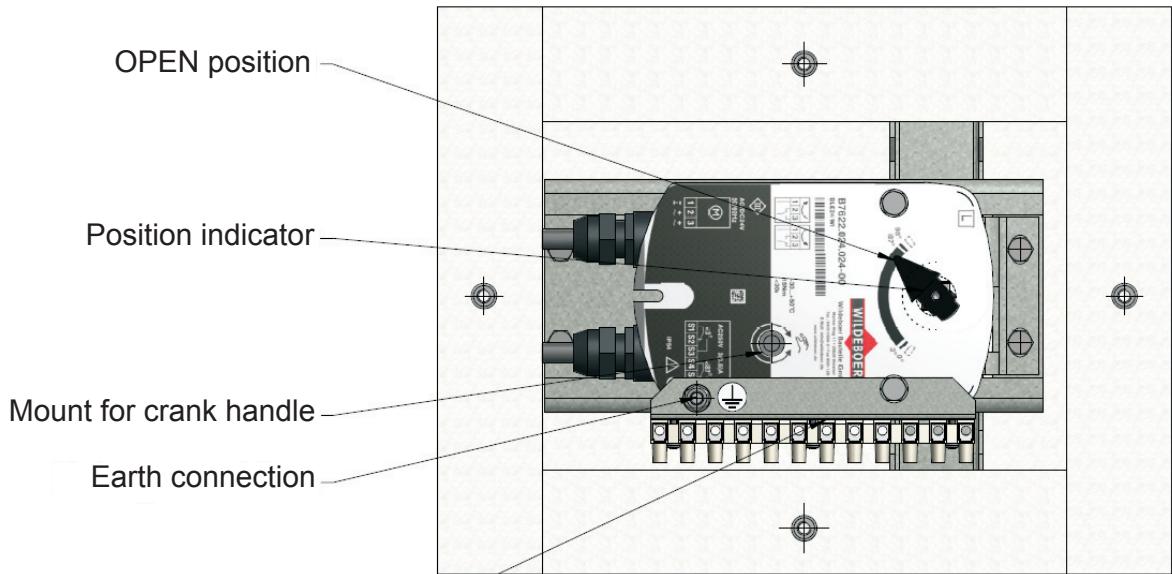


Safety information!

In the de-energised state, electrical drive motors are to be actuated manually using a crank handle.

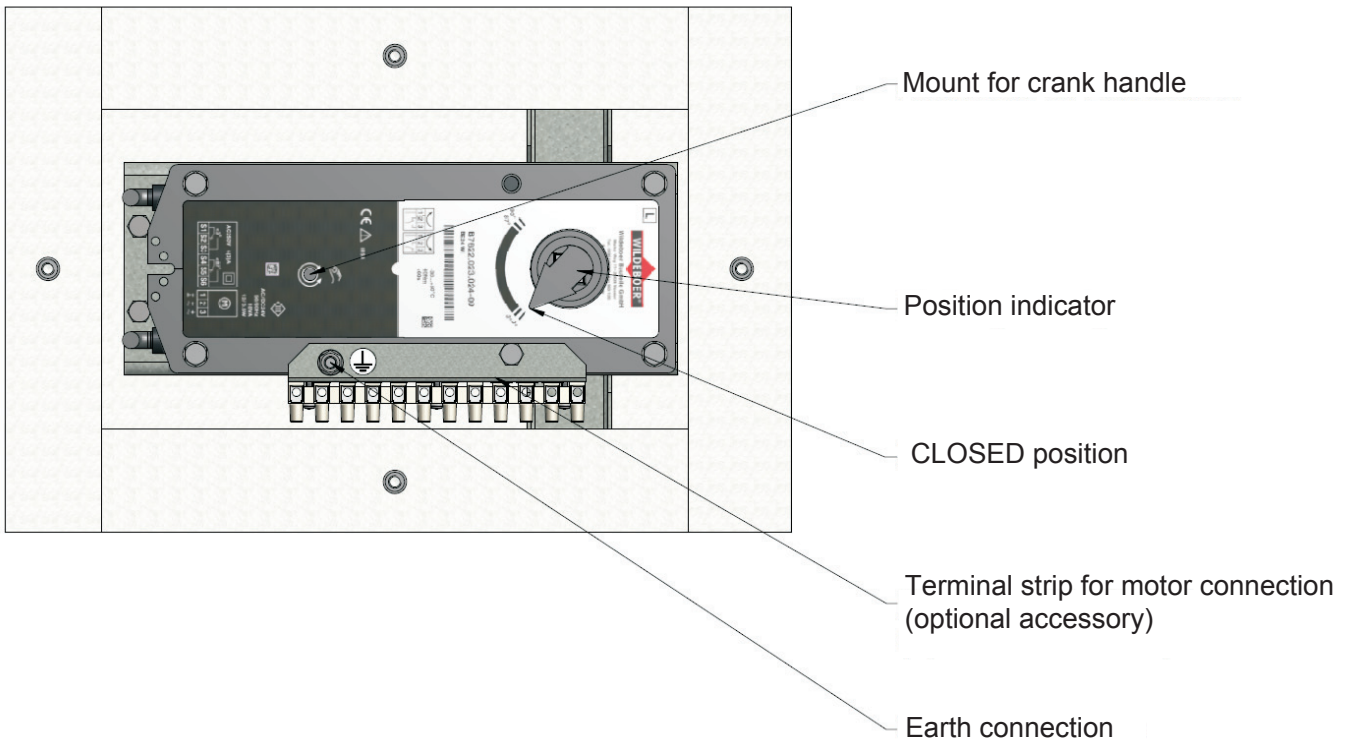
IMPORTANT: Only when the power supply is connected is functionality of the smoke control damper and release mechanism guaranteed!

Actuators BLE 24WI and BLE230WI (with H≤ 450)



Terminal strip for motor connection
(optional accessory)

Actuators BE 24WI and BE230WI (with H> 450)



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