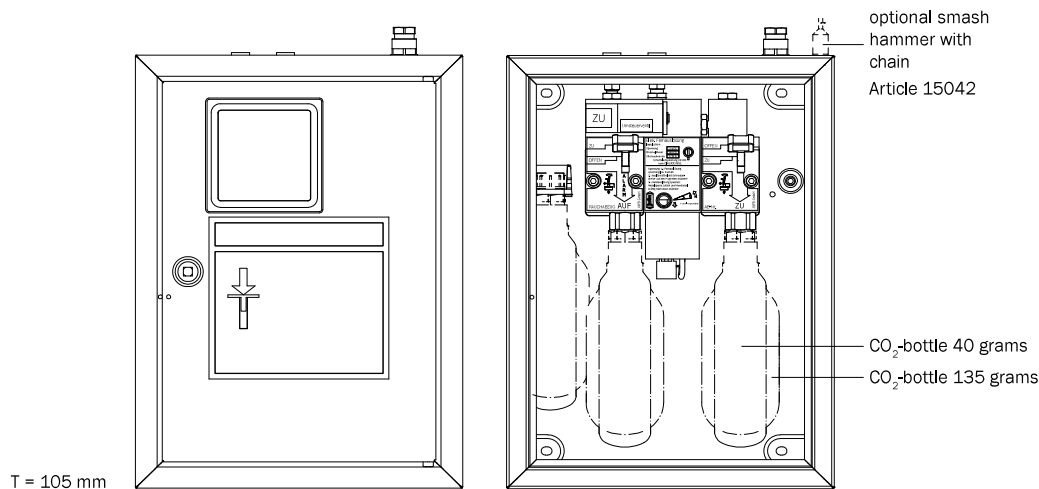
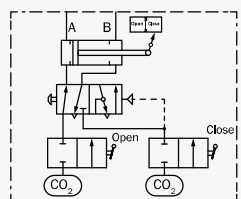


Order designation: **AK 74 / Box dimension - (Remote activation-) Cylinder threads**  
 Example: **AK 74 / 1-Ea 24 V-M 18x1.5**



## Short description

### "Open/Close" with de-aeration by reversing valve

The AK 74 consists of a steel case, optionally in the dimensions from 1 to 6, and a CO<sub>2</sub>-trigger for SHEV "Open" and for SHEV "Close", as well as a reversing valve with visual display. The CO<sub>2</sub>-triggers are situated on a mounting rail.

By pressing the manual lever of the CO<sub>2</sub>-trigger "Open" the CO<sub>2</sub>-bottle is opened and energy is released via "A". By the activation of the second CO<sub>2</sub>-trigger "Close" – the manual lever is positioned hidden behind the door, in order to prevent a fault operation – the energy is released via "B".

The trigger can optionally occur by means of an external control point via remote trigger. The ventilation occurs automatically via the CO<sub>2</sub> reversing valve. The pneumatic visual display shows the activation direction which has just been triggered.

## Operation

Break the glass and push the manual lever downwards (→chapter 02, Seite 25, "Operating Manual CO<sub>2</sub>-Triggers" and chapter 02, page 33, "Mounting, Operating and Maintenance Instructions").

## Technical data

Box dimension	Di. 1	Di. 2	Di. 3	Di. 4	Di. 5	Di. 6
height [mm]	345	440	520	520	700	700
width [mm]	255	255	335	560	335	560
medium	CO <sub>2</sub>					
max. allowed operating pressure	60 bar					
test pressure	90 bar					
materials	aluminum, niro, brass, steel galvanized, sealings NBR					
box colour	RAL 3 000 (Flame red)					
connection	for pipe external diameter of 6 mm (optionally 8 mm available)					
ambient temperature	-25 °C to +55 °C					
maintenance	once a year (→chapter 02, page 33)					
VdS number	G 595013 only with RAL 2011 (deep orange), following prEN 12101/9 ISO 21927-9 : 2012-03					

## Accessories

remote trigger	whether pneumatic or electric (compressed gas generator/ magnet trigger), →chapter 02, page 28, "Remote Trigger-AK"
CO <sub>2</sub> -bottles	→chapter 01, page 10, "CO <sub>2</sub> -Bottles and Glass Bulbs" →chapter 02, page 29, "Alarm Box for CO <sub>2</sub> -Triggers"
flush frames	→chapter 02, page 29, "Alarm Box for CO <sub>2</sub> -Triggers"
smash hammer	→chapter 02, page 29, "Alarm Box for CO <sub>2</sub> -Triggers"