

# Product data sheet

## Boxer E



Integrated door closer for single leaf doors with a leaf width of up to 1400 mm with electric hold-open device

### AREAS OF APPLICATION

- Fire and smoke protection doors, proof of suitability for the door required
- Right and left single-action doors
- Single-action doors up to 1400 mm leaf width, for door weight up to 180 kg
- For door leaf thicknesses from 40 mm
- Integrated installation
- Hold-open systems with integrated hold-open device

**PRODUCT FEATURES**

- Closing force with variable adjustment of EN2-4 or EN3-6
- Can be used for right and left hand doors without conversion
- Door closer is embedded in the door leaf and frame and fulfils the highest design demands
- Electric hold-open device in the guide rail with hold-open area 80°-120°
- Retention force of the hold-open unit is gradually adjustable
- Smoke switch control unit can be connected, whose signal makes the door close automatically in the event of a fire
- Integrated back check, slows down doors that are thrown open forcefully
- Hydraulic latching action which accelerates the door shortly before it is closed
- Closing speed can be individually adjusted
- All functions can be adjusted in the installed state

**TECHNICAL DATA**

Productname	Boxer E
Closing force in accordance with EN 1154	EN 2 - 6
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	1400 mm
Leaf width (max.)	1400 mm
Leaf weight (max.)	180 kg
Type of installation	Concealed
Opening angle (max.)	120 °
Input voltage	24 V DC
Suitability for fire protection doors	Yes
Closing force adjustable	Yes, stepless
Adjustable closing speed	Yes
Latching action adjustable	Yes, via valve
Back check integrated	Yes, hydraulically adjustable
Position of closing force adjustment	Top
Hold-open function	Electrical
Hold-open range	80 ° - 120 °
Smoke switch integrated	No

**PART****CLOSER BODY BOXER 2-4**

Basic body for integrated door closer EN 2-4 with back check



Designation	Description	Ident-No.	Closing force in accordance with EN 1154	Spindle extension	Dimensions
GEZE Boxer 2-4 door closer	Closing force EN2-4 with back check (without guide rail), leaf width up to 1100 mm, door leaf thickness min. 40 mm	101759	EN 2 - 4	4 mm	286 x 32 x 45 mm
GEZE Boxer 2-4 door closer	Closing force EN2-4 with back check (without guide rail), leaf width up to 1100 mm, door leaf thickness min. 40 mm	099728	EN 2 - 4		286 x 32 x 45 mm

**CLOSER BODY BOXER 2-4 2V**

Basic body for integrated door closer EN 2-4 with back check and latching action valve



Designation	Description	Ident-No.	Closing force in accordance with EN 1154	Spindle extension	Dimensions
GEZE Boxer 2-4 2V closer	Closing force EN2-4 with back check and independent latching action valve (smooth latching function also possible, without guide rail) Leaf width up to 1100 mm, door leaf thickness min. 40 mm	134494	EN 2 - 4	8 mm	286 x 32 x 45 mm
GEZE Boxer 2-4 2V closer	Closing force EN2-4 with back check and independent latching action valve (smooth latching function also possible, without guide rail) Leaf width up to 1100 mm, door leaf thickness min. 40 mm	134448	EN 2 - 4		286 x 32 x 45 mm
GEZE Boxer 2-4 2V closer	Closing force EN2-4 with back check and independent latching action valve (smooth latching function also possible, without guide rail) Leaf width up to 1100 mm, door leaf thickness min. 40 mm	134493	EN 2 - 4	4 mm	286 x 32 x 45 mm

**CLOSER BODY BOXER 3-6**

Main body for integrated door closer EN 3-6 with back check



Designation	Description	Ident-No.	Closing force in accordance with EN 1154	Spindle extension	Dimensions
GEZE Boxer 3-6 door closer	Closer size EN 3-6 with back check (without guide rail) Leaf width up to 1400 mm, door leaf thickness min. 50 mm	101761	EN 3 - 6	4 mm	293 x 40 x 54 mm
GEZE Boxer 3-6 door closer	Closer size EN 3-6 with back check (without guide rail) Leaf width up to 1400 mm, door leaf thickness min. 50 mm	099735	EN 3 - 6		293 x 40 x 54 mm
GEZE Boxer 3-6 door closer	Closer size EN 3-6 with back check (without guide rail) Leaf width up to 1400 mm, door leaf thickness min. 50 mm	101762	EN 3 - 6	8 mm	293 x 40 x 54 mm

**E GUIDE RAIL BOXER**

With lever and electric hold-open device



Designation	Description	Ident-No.	Dimensions	Colour	Hold-open point min.
E guide rail Boxer	With lever and electric hold-open device	119640	440 x 31 x 30 mm	silver-coloured	80 °
E guide rail Boxer	With lever and electric hold-open device	135775	440 x 31 x 30 mm	according to RAL	80 °

**ACCESSORIES****GC 152 \***

Smoke detector for GEZE hold-open systems



Designation	Description	Ident-No.	Colour	Supply voltage	Type of installation
GEZE smoke detector GC 152 *	Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-7, with general approval for use with all GEZE hold-open systems FA GC 150, integrated line monitoring, conform with DIN EN 14637	139850	white RAL 9010	24 V DC	Ceiling

**GC 153 \***

Thermal detector for GEZE hold-open systems



Designation	Description	Ident-No.	Colour	Supply voltage	Type of installation
GEZE thermal detector GC 153 *	Complete with base, 24 V DC, 20 mA, tested in accordance with EN54-5, with general approval for use with all GEZE hold-open systems FA GC 150, integrated line monitoring, conform with DIN EN 14637	139881	white	24 V DC	Ceiling

**AS 500**

Manual trigger switch for the manual release of electrically controlled hold-open devices



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
AS 500 manual trigger switch	for the manual release of electrically controlled hold-open devices including terminating resistor for line monitoring	116266	alpine white/red	80 x 80 x 9 mm	24 V DC
AS 500 manual trigger switch, glass	for the manual release of electrically controlled hold-open devices including terminating resistor for line monitoring, glass pane and 5 interchangeable labels	120880	alpine white/red	80 x 80 x 21 mm	24 V DC

**RSZ 7 \***

Extendable smoke switch control unit for all GEZE hold-open devices

Designation	Description	Ident-No.	Colour	Supply voltage
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	185231	according to RAL	230 V
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184196	Stainless steel optic	230 V
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	181025	silver-coloured	230 V
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184195	white RAL 9016	230 V

**FLEXIBLE OPENING RESTRICTOR**

For E and R guide rails, single and double leaf



Designation	Description	Ident-No.
Flexible opening restrictor	for guide rail 1-leaf: TS 5000 E/R/RFS (door leaf installation), Boxer E; 2-leaf: all E/R/ISM variants TS 5000 (incl. VPK) and Boxer	145311

\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.