

Product data sheet

TS 5000 RFS 3-6 *



Overhead door closer with guide rail for single leaf doors up to 1400 mm leaf width with electric free swing function and smoke switch control unit

AREAS OF APPLICATION

- Fire and smoke protection doors
- Right and left single-action doors
- Single-action doors up to 1400 mm leaf width
- Door leaf installation hinge side
- Hold-open systems with integrated hold-open function with free swing
- Barrier-free access in accordance with DIN 18040

PRODUCT FEATURES

- Closing force with variable adjustment EN3-6
- Operating voltage 230 V AC
- Can be used for right and left hand doors without conversion
- Free swing function once the door has been opened once to approx. 90°
- Comfort hold-open function locks the door at the end of the free swing area
- Integrated smoke switch control unit, whose signal closes the door automatically in the event of a fire
- Smoke switch with contamination indicator and adaption of the alarm threshold
- Additional smoke detectors can be fitted
- Hydraulic latching action which accelerates the door shortly before it is closed
- Closing speed can be individually adjusted
- Visual closing force display for easy control of the setting
- All functions can be adjusted from the front

TECHNICAL DATA

Productname	TS 5000 RFS 3-6 *
Closing force in accordance with EN 1154	EN 3 - 6
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	1400 mm
Leaf width (max.)	1400 mm
Type of installation	Door leaf installation hinge side
Opening angle (max.)	180 °
Input voltage	230 V AC
Suitability for fire protection doors	Yes
Free swing area	85 ° - 160 °
Closing force adjustable	Yes, stepless
Adjustable closing speed	Yes
Latching action adjustable	Yes, via valve
Back check integrated	No
Position of closing force adjustment	Front
Visual closing force display	Yes
Hold-open function	Electrically, for free-swing function
Smoke switch integrated	Yes

PART

TS 5000 RFS COMPLETE PACKAGE *

Overhead door closer with guide rail EN 3-6 with electric free swing function and smoke switch control unit



Designation	Description	Ident-No.	Colour	Supply voltage	Closing force in accordance with EN 1154
GEZE TS 5000 RFS *	Complete package, closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function, guide rail with integrated smoke switch control unit and lever with comfort hold-open function	155482	according to RAL	230 V AC	EN 3 - 6
GEZE TS 5000 RFS *	Complete package, closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function, guide rail with integrated smoke switch control unit and lever with comfort hold-open function	155481	silver-coloured	230 V AC	EN 3 - 6
GEZE TS 5000 RFS *	Complete package, closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function, guide rail with integrated smoke switch control unit and lever with comfort hold-open function	162086	white RAL 9016	230 V AC	EN 3 - 6
GEZE TS 5000 RFS *	Complete package, closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function, guide rail with integrated smoke switch control unit and lever with comfort hold-open function	162087	Stainless steel optic	230 V AC	EN 3 - 6

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

GC 171 *

Wireless module for wireless connection of wireless components to GEZE hold-open systems



Designation	Description	Ident-No.	Colour	Supply voltage	Dimensions
GEZE GC 171 wireless module *	for the wireless connection of wireless components (GC 172 wireless smoke detector; GC 173 wireless thermal detector; GC 175 wireless input module) on GEZE hold-open systems.	163051	anthracite	24 V DC	177 x 30 x 18 mm

GC 175 *

Wireless input module for wireless connection of manual trigger switches to the GC 171 wireless module



Designation	Description	Ident-No.	Colour	Supply voltage	Dimensions
GEZE GC 175 wireless input module *	for the wireless connection of manual trigger switches to the GEZE GC 171 wireless module, applicable for all GEZE hold-open systems	163068	black	3 V DC	52 x 52 x 32 mm

WIRELESS KIT FA GC 170 *

Set comprising GC 171 wireless module and GC 172 wireless ceiling-mounted smoke detector



Designation	Description	Ident-No.
GEZE FA GC 170 wireless KIT *	Set consisting of: 1 piece GC 171 wireless module for the wireless extension of GEZE hold-open systems and 2 pieces GC 172 wireless ceiling-mounted smoke detectors	195524

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



GC 172

Wireless smoke detector for wireless connection to the GC 171 wireless module



Designation	Description	Ident-No.	Supply voltage	Dimensions	Type of installation
GC 172 wireless smoke detector	for the wireless connection to GEZE hold-open systems, battery-operated with 8 years battery lifetime, with base, tested in accordance with EN 54-7 and EN 54-25, general construction technique permit for use with all GEZE hold-open systems	195522	3 V DC	110 x 110 x 70 mm	Ceiling

GC 173

Wireless thermal detector for wireless connection to the GC 171 wireless module



Designation	Description	Ident-No.	Supply voltage	Dimensions	Type of installation
GC 173 wireless thermal detector	for the wireless connection to GEZE hold-open systems, battery-operated with 8 years battery lifetime, with base, tested in accordance with EN 54-7 and EN 54-25, general construction technique permit for use with all GEZE hold-open systems	195523	3 V DC	110 x 110 x 70 mm	Ceiling

INSTALLATION MATERIAL

MOUNTING PLATE GUIDE RAIL

for E guide rail



Designation	Description	Ident-No.	Colour
Mounting plate guide rail	for E guide rail	123294	silver-coloured
Mounting plate guide rail	for E guide rail	123295	according to RAL

MOUNTING PLATE GUIDE RAIL *

For R and RFS guide rail



Designation	Description	Ident-No.	Colour
Mounting plate guide rail	for R / RFS-guide rail	123296	silver-coloured
Mounting plate guide rail	for R / RFS-guide rail	123297	according to RAL

MOUNTING PLATE DOOR CLOSER *

For TS 5000 RFS KM/TS 4000 R(-IS) with hole pattern in accordance with DIN EN 1154 Supplement 2



Designation	Description	Ident-No.	Colour
Mounting plate door closer	for TS 5000 RFS KM/TS 4000 R & R-IS with hole pattern according to DIN EN 1154 Supplement 1	058808	black

MOUNTING PLATE DOOR CLOSER

for TS 5000 EFS / RFS / E-HY / TS 4000 E with hole pattern according to DIN EN 1154 Supplement 1



Designation	Description	Ident-No.	Colour
Mounting plate door closer	for TS 5000 EFS / RFS / E-HY / TS 4000 E with hole pattern according to DIN EN 1154 Supplement 1	059107	silver-coloured
Mounting plate door closer	for TS 5000 EFS / RFS / E-HY / TS 4000 E with hole pattern according to DIN EN 1154 Supplement 1	100044	according to RAL

* 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.