Product data sheet

TS 4000 RFS *

Overhead door closer with link arm with electric free swing function and smoke switch

AREAS OF APPLICATION

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

GEZE GmbH | Reinhold-Vöster-Straße 21–29 | D-71229 Leonberg | **TEL** +49 7152 203-0 | **WEB** www.geze.de | **Mail** info.de@geze.com

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TS 4000 RFS *

PRODUCT FEATURES

- Closing force EN 1-6 with variable adjustment
- Operating voltage 230 V AC
- Can be used for right and left hand doors without conversion
- Free swing function makes it possible to pass through the door with little physical force required
- Free swing function once the door has been opened once to approx. 90°
- Integrated smoke switch control unit, whose signal closes the door automatically in the event of a fire
- Additional smoke detectors can be fitted
- Mechanical latching action which accelerates the door shortly before the closed position
- Closing speed can be individually adjusted
- Visual closing force display for easy control of the setting
- All functions can be set from the front (except for latching action)

TECHNICAL DATA

Productname	TS 4000 RFS *
Closing force in accordance with EN 1154	EN 1 - 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	Transom installation opposite hinge side
Opening angle (max.)	180 °
Input voltage	230 V AC
Suitability for fire protection doors	Yes
Free swing area	80 ° - 175 °
Closing force adjustable	Yes, stepless
Adjustable closing speed	Yes
Latching action adjustable	Yes, via link arm
Position of closing force adjustment	Front
Visual closing force display	Yes
Hold-open function	Electrically, for free swing function
Smoke switch integrated	Yes

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PART

LINK ARM TS 4000 EFS / RFS

with free swing function / free swing

Designation	Description	Ident-No.	Colour	EAN
Link arm TS 4000 EFS/RFS	with free swing function / free swing	106462	according to RAL	4042938064620
Link arm TS 4000 EFS/RFS	with free swing function / free swing	106460	silver-coloured	4042938064606

CLOSER BODY TS 4000 RFS KM BG *

Overhead door closer with link arm EN 1-6 with smoke control unit and electric free swing function

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 EN 54-7, 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

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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 EN 54-5, 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 *

Radio 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

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GC 175 *

Radio 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.	EAN
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	4042938955249

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

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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

SPINDLE EXTENSION

For TS 4000 / TS 2000

Designation	Description	Ident-No.	Colour	Spindle extension	EAN
Spindle extension for TS 4000 / TS 2000 *	Crown gearing	103678	black	15 mm	4042938036788
Spindle extension for TS 4000 / TS 2000	Crown gearing	103550	Galvanised	20 mm	4042938035507
Spindle extension for TS 4000 / TS 2000 *	Crown gearing	103679	black	20 mm	4042938036795
Spindle extension for TS 4000 / TS 2000	Crown gearing	139793	according to RAL	15 mm	4042938397933
Spindle extension for TS 4000 / TS 2000	Crown gearing	103548	Galvanised	10 mm	4042938035484
Spindle extension for TS 4000 / TS 2000 *	Crown gearing	103677	black	10 mm	4042938036771
Spindle extension for TS 4000 / TS 2000	Crown gearing	103549	Galvanised	15 mm	4042938035491

MOUNTING PLATE DOOR CLOSER *

For TS 5000 RFS KM/TS 4000 R(-IS) with hole pattern in accordance with DIN EN 1154 Supplement 1

Designation	Description	Ident-No.	Colour	Material	EAN
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	Aluminum	4106030588085

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* 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.