

Product data sheet
**TS 5000 R-ISM/S with
free swing function ***



Overhead door closer system with guide rail for double leaf doors with integrated closing sequence control, free swing function on the active leaf, electric hold-open on the passive leaf and integrated smoke switch

TS 5000 R-ISM/S with free swing function *



AREAS OF APPLICATION

- Fire and smoke protection doors
- Right and left double leaf single-action doors
- Symmetrical and asymmetrical division of door possible
- Single-action doors up to 2800 mm hinge clearance and 1400 mm leaf width
- Minimum hinge clearance 1500 mm, minimum width of the active leaf 875 mm and of the passive leaf 400 mm
- Hold-open systems with integrated hold-open device on passive leaf and integrated smoke switch
- Door leaf installation hinge side

PRODUCT FEATURES

- System comprising TS 5000 E Hy 3-6 and TS 5000 and R-ISM/S guide rail with hold-open unit on the passive leaf
- Passive leaf with TS 5000 with closing force EN 2-6 or TS 5000 Ecline with closing force EN 3-5
- Active leaf with TS 5000 E Hy (24 V) and adjustable closing force EN 3-6
- The passive leaf is electrically held open in the guide rail, hold-open area 80°-130°
- Active leaf held open via free swing door closer
- Comfort hold-open function on the active leaf to latch the door at the maximum opening angle
- Operating voltage 230 V AC
- Closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- 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
- Hydraulic latching action which accelerates the door shortly before it is closed
- Closing speed can be individually adjusted
- Integrated back check, slows down doors that are thrown open forcefully
- Visual closing force display for easy control of the setting
- All functions can be adjusted from the front

TECHNICAL DATA

Productname	TS 5000 R-ISM/S with free swing function *
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

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Frequency of supply voltage	50 Hz
Minimum hinge clearance	1500 mm
Minimum passive leaf width	400 mm
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	Yes, hydraulically adjustable
Position of closing force adjustment	Front
Visual closing force display	Yes
Hold-open function	Electrical
Hold-open device on the active leaf / passive leaf	Yes / Yes
Hold-open range	80 ° - 130 °
Smoke switch integrated	Yes
Closing sequence control integrated	Yes

PART

R-ISM/S GUIDE RAIL TS 5000 *

continuous, with integrated closing sequence control, electric hold-open device on the passive leaf, smoke switch control unit and levers



Designation	Description	Ident-No.	Colour	Supply voltage	Dimensions
R-ISM/S guide rail TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on the passive leaf, smoke switch control unit and levers	160546	according to RAL	230 V	2740 x 55 x 30 mm
R-ISM/S guide rail TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on the passive leaf, smoke switch control unit and levers	162089	Stainless steel optic	230 V	2740 x 55 x 30 mm
R-ISM/S guide rail TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on the passive leaf, smoke switch control unit and levers	160545	silver-coloured	230 V	2740 x 55 x 30 mm

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CLOSER BODY TS 5000 E HY 3-6

Main body with free swing lever for overhead door closer with guide rail EN 3-6 with electric free swing function and free swing lever



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 5000 E Hy 3-6 closer *	Closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function and free swing lever with comfort hold-open function	162082	Stainless steel optic	EN 3 - 6	327 x 46 x 60 mm
GEZE TS 5000 E Hy 3-6 closer *	Closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function and free swing lever with comfort hold-open function	155476	according to RAL	EN 3 - 6	327 x 46 x 60 mm
GEZE TS 5000 E Hy 3-6 closer *	Closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function and free swing lever with comfort hold-open function	160328	white RAL 9016	EN 3 - 6	327 x 46 x 60 mm
GEZE TS 5000 E Hy 3-6 closer *	Closing force EN 3-6, door leaf installation on the hinge side, with electric free swing function and free swing lever with comfort hold-open function	155475	silver-coloured	EN 3 - 6	327 x 46 x 60 mm

CLOSER BODY TS 5000

Main body for overhead door closer with guide rail EN 2-6 with back check



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
TS 5000 door closer	Closing force EN 2-6, with back check (without guide rail and lever)	137721	Stainless steel face plate	EN 2 - 6	287 x 47 x 60 mm
TS 5000 door closer	Closing force EN 2-6, with back check (without guide rail and lever)	027333	silver-coloured	EN 2 - 6	287 x 47 x 60 mm
TS 5000 door closer	Closing force EN 2-6, with back check (without guide rail and lever)	027335	white RAL 9016	EN 2 - 6	287 x 47 x 60 mm
TS 5000 door closer	Closing force EN 2-6, with back check (without guide rail and lever)	027336	according to RAL	EN 2 - 6	287 x 47 x 60 mm

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ACCESSORIES

CB FLEX

Carry bar for safe closing of double leaf fire protection doors



Designation	Description	Ident-No.	Colour	Material
GEZE CB flex	for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material	182652	white RAL 9016	
GEZE CB flex	for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material	153602	silver-coloured	
GEZE CB flex	for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material	153728	according to RAL	

MANUAL TRIGGER SWITCH

For the manual release of hold-open systems



MAGNETIC COUNTERPLATE JOINT *

Version with adjustable joint



Designation	Description	Ident-No.	Dimensions
GEZE magnetic counter plate *	Version with adjustable joint	115956	55 x 55 x 50 mm

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HOLD-OPEN MAGNET WALL INSTALLATION 65 MM *

For wall installation with base 65 mm



Designation	Description	Ident-No.	Dimensions	Type of installation	IP rating
GEZE door hold-open magnet *	Wall mounting with base 65 mm	155573	70 x 70 x 65 mm	Wall	IP65 Magnet; IP20 connection

HOLD-OPEN MAGNET WALL INSTALLATION SURFACE-MOUNTED *

For wall installation surface mounting or floor mounting with accessories and base



Designation	Description	Ident-No.	Dimensions	Type of installation	IP rating
GEZE door hold-open magnet *	Wall mounting surface mounting or floor mounting with base accessories (not included in scope of delivery)	155569	110 x 85 x 40 mm	Surface-mounted, Floor	IP65 Magnet; IP20 connection

HOLD-OPEN MAGNET WALL INSTALLATION FLUSH-MOUNTED *

For wall installation flush-mounted



Designation	Description	Ident-No.	Dimensions	Type of installation	IP rating
GEZE door hold-open magnet *	Flush-mounted wall mounting	155567	85 x 85 x 30 mm	Flush-mounted installation	IP65 Magnet; IP20 connection

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MECHANICAL HOLD-OPEN UNIT

For ISM guide rail



Designation	Description	Ident-No.	Material
Mechanical hold-open unit	for ISM guide rail / ISM guide rail BG, retention force adjustable, can be overridden	118437	Steel

FLEXIBLE OPENING RESTRICTOR

For E and R guide rails, 1- and 2-leaf



Designation	Description	Ident-No.	Material
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	Plastic

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

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

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

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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

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

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INSTALLATION MATERIAL

MOUNTING PLATE GUIDE RAIL *

For R-ISM guide rail



Designation	Description	Ident-No.	Colour	Type	Material
Mounting plate guide rail *	For R-ISM guide rail	118690	silver-coloured		Aluminum
Mounting plate guide rail *	For R-ISM guide rail	118701	according to RAL		Aluminum

MOUNTING PLATE DOOR CLOSER

For TS 5000 and TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1



Designation	Description	Ident-No.	Colour	Dimensions	Material
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	068627	white RAL 9016		Aluminum
Mounting plate door closer *	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	057956	Galvanised		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	029176	according to RAL		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	049185	silver-coloured		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	137725	Stainless steel optic		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	052351	dark bronze		Aluminum

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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	Dimensions	Material
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	325 x 5 x 60 mm	Aluminum
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		Aluminum

MOUNTING PLATE DOOR CLOSER *

For TS 5000 and TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 1



Designation	Description	Ident-No.	Material
Mounting plate *	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	083992	Aluminum

* 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.