Product data sheet

TS 5000 E-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 and electric hold-open on the passive leave

AREAS OF APPLICATION

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

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TS 5000 E-ISM/S with free swing function

PRODUCT FEATURES

- System comprising TS 5000 E Hy 3-6 and TS 5000 and E-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
- Can be used for right and left hand doors without conversion
- The passive leaf is electrically held open in the guide rail, hold-open area 80°-130°.
- Closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- Comfort hold-open function on the active leaf to latch the door at the maximum opening angle
- 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
- Query that the door leaf is held open via a potential-free contact on the electric hold-open device

TECHNICAL DATA

Productname	TS 5000 E-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	24 V DC
Minimum hinge clearance	1300 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	No
Closing sequence control integrated	Yes

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PART

E-ISM/S GUIDE RAIL TS 5000 *

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

Designation	Description	Ident-No.	Colour	Dimensions	Hold-open point min.
E-ISM/S guide rail TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on the passive leaf and levers	162088	Stainless steel optic	2630 x 40 x 30 mm	130 °
E-ISM/S guide rail TS 5000	continuous, with integrated closing sequence control, electric hold-open device on the passive leaf and levers	160547	silver-coloured	2630 x 40 x 30 mm	130 °
E-ISM/S guide rail TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on the passive leaf and levers	160548	according to RAL	2630 x 40 x 30 mm	130 °

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

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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)	076489	black RAL 9005	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

ACCESSORIES

CB FLEX

Carry bar for safe closing of double leaf fire protection doors

Designation	Description	Ident-No.	Colour	Material	EAN
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		4042938826525
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		4042938536028
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		4042938537285
GEZE CB flex	For secure closing of 2-leaf fire protection doors	195798	Stainless steel optic	Aluminum	4042938957984

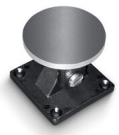
TS 5000 E-ISM/S with free swing function

MANUAL TRIGGER SWITCH

For the manual release of hold-open systems

MAGNETIC COUNTERPLATE JOINT *

Version with adjustable joint



Designation	Description	Ident-No.	Dimensions	EAN
GEZE magnetic counter plate *	Version with adjustable joint	115956	55 x 55 x 50 mm	4042938159562

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

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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

FLEXIBLE OPENING RESTRICTOR

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

Designation	Description	Ident-No.	Material	EAN
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	4042938453110

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.	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

RSZ 7 *

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

Designation	Description	Ident-No.	Colour	Supply voltage	Dimensions
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	185231	according to RAL	230 V	346 x 30 x 55 mm
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184196	Stainless steel optic	230 V	346 x 30 x 55 mm
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	181025	silver-coloured	230 V	346 x 30 x 55 mm
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184195	white RAL 9016	230 V	346 x 30 x 55 mm

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

MOUNTING PLATE GUIDE RAIL

For ISM and E-ISM guide rail

Designation	Description	Ident-No.	Colour	Type	Material
Mounting plate guide rail	for ISM / E-ISM guide rail	118702	silver-coloured		Aluminum
Mounting plate guide rail	for ISM / E-ISM guide rail	118703	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

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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	052351	dark bronze		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	076508	black RAL 9005		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

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	EAN
Mounting plate *	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	083992	Aluminum	4106030839927

* 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.