

# Product data sheet

# **TS 5000 SoftClose E-ISM \***



Overhead door closer system with guide rail for double leaf doors with latching action, brake-to-stop function with closing sequence control, electric hold-open device and smoke switch control unit

## **AREAS OF APPLICATION**

- Fire and smoke protection doors
- 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, overlength up to 3200 mm
- Door leaf installation hinge side
- Hold-open systems with integrated hold-open device



## PRODUCT FEATURES

- System comprising two door closers TS 5000 and an E-ISM guide rail
- Closing force of EN2-6 with variable adjustment
- Operating voltage 24 V DC
- Can be used for right and left hand doors without conversion
- Electric hold-open device in the guide rail with hold-open area of 80°-130°
- Closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- Latching action / smooth latching function can be adjusted from the front via valve
- 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 SoftClose E-ISM *
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
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

**TS 5000 SoftClose E-ISM \*****PART****E-ISM GUIDE RAIL TS 5000**

With closing sequence control, electrical hold-open device on both leaves and levers



Designation	Description	Ident-No.	Colour	Dimensions	Hold-open point min.
E-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electrical hold-open device and levers on both sides	115603	Stainless steel optic	2630 x 40 x 30 mm	80 °
E-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electrical hold-open device and levers on both sides	115600	silver-coloured	2630 x 40 x 30 mm	80 °
E-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electrical hold-open device and levers on both sides	115602	white RAL 9016	2630 x 40 x 30 mm	80 °
E-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electrical hold-open device and levers on both sides	115604	according to RAL	2630 x 40 x 30 mm	80 °

**E- ISM GUIDE RAIL TS 5000 EXTRA LENGTH \***

Up to 3200 mm with closing sequence control, electric hold-open device on both leaves and levers



Designation	Description	Ident-No.	Colour	Dimensions	Hold-open point min.
E- ISM guide rail TS 5000 extra length	continuous, overlength up to 3200 mm, with integrated closing sequence control, electrical hold-open device on both leaves, and levers	115612	silver-coloured	3030 x 40 x 30 mm	80 °
E- ISM guide rail TS 5000 extra length	continuous, overlength up to 3200 mm, with integrated closing sequence control, electrical hold-open device on both leaves, and levers	115613	according to RAL	3030 x 40 x 30 mm	80 °

**CLOSER BODY TS 5000 SOFTCLOSE \***

For overhead door closers with guide rail EN 2-6 with individually adjustable closing speed from 0-15° door opening angle



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
TS 5000 SoftClose door closer *	Closing force EN 2-6, with back check and integrated latching action speed with variable adjustment, for door deceleration (without guide rail and lever)	183430	white RAL 9016	EN 2 - 6	287 x 47 x 60 mm
TS 5000 SoftClose door closer *	Closing force EN 2-6, with back check and integrated latching action speed with variable adjustment, for door deceleration (without guide rail and lever)	181792	silver-coloured	EN 2 - 6	287 x 47 x 60 mm
TS 5000 SoftClose door closer *	Closing force EN 2-6, with back check and integrated latching action speed with variable adjustment, for door deceleration (without guide rail and lever)	181793	according to RAL	EN 2 - 6	287 x 47 x 60 mm
TS 5000 SoftClose door closer *	Closing force EN 2-6, with back check and integrated latching action speed with variable adjustment, for door deceleration (without guide rail and lever)	183431	Stainless steel face plate	EN 2 - 6	287 x 47 x 60 mm

**ACCESSORIES****COVER CAP DOOR CLOSER \***

For TS 4000/5000, curved shape

Designation	Description	Ident-No.	Colour	Dimensions
Cover cap door closer *	for TS 5000/TS 4000, semi-radial, can only be used for door leaf installation	092943	Polished stainless steel	337 x 51 x 72 mm
Cover cap door closer *	for TS 5000/TS 4000, semi-radial, can only be used for door leaf installation	092944	Satin stainless steel	337 x 51 x 72 mm

**COVER CAP DOOR CLOSER \***

For TS 4000/5000, rectangular shape

Designation	Description	Ident-No.	Colour	Dimensions
Cover cap door closer *	for TS 5000 / TS 4000, square, can only be used for door leaf installation	092938	Polished stainless steel	298 x 51 x 72 mm
Cover cap door closer *	for TS 5000 / TS 4000, square, can only be used for door leaf installation	092939	Satin stainless steel	298 x 51 x 72 mm

**COVER CAP DOOR CLOSER \***

For TS 5000 (L)/TS 4000, can only be used for door leaf installation



Designation	Description	Ident-No.	Colour	Dimensions	Material
Cover cap door closer *	for TS 5000 / TS 5000 L / TS 4000, can only be used for door leaf installation	067726	white RAL 9016	298 x 55 x 67.2 mm	
Cover cap door closer *	for TS 5000 / TS 5000 L / TS 4000, can only be used for door leaf installation	072696	Stainless steel	298 x 55 x 67.2 mm	Stainless steel
Cover cap door closer *	for TS 5000 / TS 5000 L / TS 4000, can only be used for door leaf installation	067724	silver-coloured	298 x 55 x 67.2 mm	
Cover cap door closer *	for TS 5000 / TS 5000 L / TS 4000, can only be used for door leaf installation	000756	according to RAL	298 x 55 x 67.2 mm	
Cover cap door closer *	for TS 5000 / TS 5000 L / TS 4000, can only be used for door leaf installation	067725	dark bronze	298 x 55 x 67.2 mm	

**CB FLEX**

Carry bar for safe closing of double leaf fire protection doors



Designation	Description	Ident-No.	Colour
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

Designation	Description	Ident-No.	Colour
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

**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

**FLEXIBLE OPENING RESTRICTOR**

For E and R guide rails, single and double 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

**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

**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

**TS 5000 SoftClose E-ISM \*****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

**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



**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 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

**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**

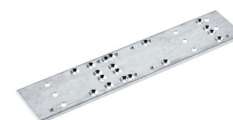
For TS 5000 and TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 2



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

**MOUNTING PLATE DOOR CLOSER \***

For TS 5000 and TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 2



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.