Product data sheet

TS 5000 L-R-ISM

Overhead door closer system with guide rail on opposite hinge side, with anti-panic function for double leaf doors up to 2800 mm hinge clearance with integrated closing sequence control, electric hold-open device and smoke switch control unit

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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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
- Minimum hinge clearance 1560 mm, minimum width of the active leaf 905 mm and of the passive leaf 380 mm
- Door leaf installation opposite hinge side

PRODUCT FEATURES

- System comprising two door closers TS 5000 L and an R-ISM guide rail
- Closing force of EN 2-6 with variable adjustment
- Operating voltage 230 V AC
- Electric hold-open device in the guide rail with hold-open area from 80°
- 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
- 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
- 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 L-R-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 opposite hinge side
Opening angle (max.)	130 °
Input voltage	230 V AC
Frequency of supply voltage	50 Hz
Minimum hinge clearance	1560 mm

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Minimum passive leaf width	380 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	Yes
Closing sequence control integrated	Yes

VARIANTS / ORDER INFO

Designation	Description	Colour	Hold-open point min.	Hold-open point max.	Leaf width (max.)
GEZE TS 5000 L-R-ISM (optional TS 5000 ECline L)	Opposite hinge side with electric hold-open device and integrated smoke switch control unit, guide rail in 30 mm overall height, without lintel casing bracket	according to RAL	80 °	130 °	1400 mm
GEZE TS 5000 L-R-ISM (optional TS 5000 ECline L)	Opposite hinge side with electric hold-open device and integrated smoke switch control unit, guide rail in 30 mm overall height, without lintel casing bracket	Stainless steel optic	80 °	130 °	1400 mm
GEZE TS 5000 L-R-ISM (optional TS 5000 ECline L)	Opposite hinge side with electric hold-open device and integrated smoke switch control unit, guide rail in 30 mm overall height, without lintel casing bracket	white RAL 9016	80 °	130 °	1400 mm
GEZE TS 5000 L-R-ISM (optional TS 5000 ECline L)	Opposite hinge side with electric hold-open device and integrated smoke switch control unit, guide rail in 30 mm overall height, without lintel casing bracket	silver-coloured	80 °	130 °	1400 mm

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PART

CLOSER BODY TS 5000 L

For overhead door closers with guide rail EN 2-6 on the opposite hinge side

Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
TS 5000 L door closer	Closing force EN 2-6, with back check (without guide rail and lever)	029400	white RAL 9016	EN 2 - 6	287 x 47 x 60 mm
TS 5000 L door closer	Closing force EN 2-6, with back check (without guide rail and lever)	137723	Stainless steel face plate	EN 2 - 6	287 x 47 x 60 mm
TS 5000 L door closer *	Closing force EN 2-6, with back check (without guide rail and lever)	029399	dark bronze	EN 2 - 6	287 x 47 x 60 mm
TS 5000 L door closer	Closing force EN 2-6, with back check (without guide rail and lever)	027351	silver-coloured	EN 2 - 6	287 x 47 x 60 mm
TS 5000 L door closer	Closing force EN 2-6, with back check (without guide rail and lever)	027352	according to RAL	EN 2 - 6	287 x 47 x 60 mm
TS 5000 L door closer	Closing force EN 2-6, with back check (without guide rail and lever)	119579	black RAL 9005	EN 2 - 6	287 x 47 x 60 mm

R-ISM GUIDE RAIL OPP.HI.SIDE TS 5000 *

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

Designation	Description	Ident-No.	Colour	Supply voltage	Dimensions
R-ISM guide rail OPP.HI.SIDE TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115624	Stainless steel optic	230 V AC	2730 x 55 x 30 mm
R-ISM guide rail OPP.HI.SIDE TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115623	white RAL 9016	230 V AC	2730 x 55 x 30 mm
R-ISM guide rail OPP.HI.SIDE TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115625	according to RAL	230 V AC	2730 x 55 x 30 mm
R-ISM guide rail OPP.HI.SIDE TS 5000 *	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115622	silver-coloured	230 V AC	2730 x 55 x 30 mm

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ACCESSORIES

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	

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

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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

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

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

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	153728	according to RAL		4042938537285
GEZE CB flex	For secure closing of 2-leaf fire protection doors	195798	Stainless steel optic	Aluminum	4042938957984

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

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

COVER CAP DOOR CLOSER *

For TS 4000/5000, curved shape

Designation	Description	Ident-No.	Colour	Dimensions	EAN
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	4106030929437
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	4106030929444

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COVER CAP DOOR CLOSER *

For TS 4000/5000, rectangular shape

Designation	Description	Ident-No.	Colour	Dimensions	EAN
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	4106030929383
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	4106030929390

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 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
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 *

For ISM / E-ISM / R-ISM guide rail BG & VP versions

Designation	Description	Ident-No.	Colour	Material	EAN
Mounting plate guide rail BG *	For ISM / E-ISM / R-ISM guide rail BG VP versions	118705	according to RAL	Aluminum	4042938187053
Mounting plate guide rail BG	For ISM / E-ISM / R-ISM guide rail BG VP versions	118704	silver-coloured	Aluminum	4042938187046

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LINTEL CASING BRACKET

For ISM / E-ISM / R-ISM guide rail BG

Designation	Description	Ident-No.	Colour	EAN
Lintel casing bracket	For ISM / E-ISM / R-ISM guide rail BG	118707	according to RAL	4042938187077
Lintel casing bracket	For ISM / E-ISM / R-ISM guide rail BG	118706	silver-coloured	4042938187060

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.