

# Product data sheet

# **TS 5000 R-ISM/S**

# **ECline**



Overhead door closer system with guide rail for barrier-free, easy-to-open double leaf doors with integrated closing sequence control and electric hold-open device on the passive leaf, for use with hold-open magnet on the active leaf, and smoke switch control unit

## **AREAS OF APPLICATION**

- Fire and smoke protection doors
- Right and left double leaf single-action doors
- Single-action doors up to 2500 mm hinge clearance and 1250 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

**PRODUCT FEATURES**

- System with two door closers TS 5000 ECl ine and an R-ISM/S guide rail with hold-open unit on the passive leaf
- Closing force with variable adjustment from EN3-5
- Operating voltage 230 V AC
- Can be used for right and left hand doors without conversion
- 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
- Electric hold-open device in the guide rail with hold-open area of 80°-130°
- Active leaf is held open by a hold-open magnet or door closer with free swing function
- 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 ECl ine
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	1250 mm
Leaf width (max.)	1250 mm
Type of installation	Door leaf installation hinge side
Opening angle (max.)	180 °
Input voltage	230 V AC
Frequency of supply voltage	50 Hz
Minimum hinge clearance	1500 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 device	Electrical
Hold-open device on the active leaf	No
Hold-open device on the passive leaf	Yes
Hold-open device on the active leaf / passive leaf	No / Yes

# TS 5000 R-ISM/S ECLine



Hold-open point	80° - 130°
Integrated smoke switch	Yes
Integrated closing sequence control	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



Name	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	acc. 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

### CLOSER BODY TS 5000 ECLINE

Main body for overhead door closer with guide rail EN 3-5 with back check



Name	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
TS 5000 ECLINE door closer	Closing force EN 3-5, with back check (without guide rail and lever)	143640	silver-coloured	EN 3 - 5	287 x 47 x 60 mm
TS 5000 ECLINE door closer	Closing force EN 3-5, with back check (without guide rail and lever)	143642	stainless steel face plate	EN 3 - 5	287 x 47 x 60 mm
TS 5000 ECLINE door closer	Closing force EN 3-5, with back check (without guide rail and lever)	143641	white RAL 9016	EN 3 - 5	287 x 47 x 60 mm
TS 5000 ECLINE door closer	Closing force EN 3-5, with back check (without guide rail and lever)	143643	acc. to RAL	EN 3 - 5	287 x 47 x 60 mm

**ACCESSORY****CB FLEX**

Carry bar for safe closing of double leaf fire protection doors



Name	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 projection, hinged mechanism not visible, profile can be shortened if required, 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 projection, hinged mechanism not visible, profile can be shortened if required, 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 projection, hinged mechanism not visible, profile can be shortened if required, with attachment material	153728	acc. to RAL

**FLEXIBLE OPENING RESTRICTOR**

For E and R guide rails, single and double leaf



Name	Description	Ident-No.
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

**KIT ECLINE ISM / ISM BG**

Energy accumulator for use on the active leaf in double leaf guide rails ISM and ISM BG



Name	Description	Ident-No.	Colour
Kit ECLine ISM / ISM BG	Energy accumulator for use on the active leaf in double leaf guide rails ISM and ISM BG	154767	black

### COVER CAP DOOR CLOSER

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



Name	Description	Ident-No.	Colour	Dimensions	Length
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	298 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	298 mm
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	298 mm
Cover cap door closer	for TS 5000 / TS 5000 L / TS 4000, can only be used for door leaf installation	000756	acc. to RAL	298 x 55 x 67.2 mm	298 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	298 mm

### GC 152

Smoke detector for GEZE hold-open systems



Name	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	24 V DC	Ceiling installation

### GC 153

Thermal detector for GEZE hold-open systems



Name	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

**SURFACE-MOUNTED BOX, SINGLE**

Matching the AS 500 switch range



Name	Description	Ident-No.	Colour
Surface-mounted box, single	Matching the AS 500 switch range	120503	alpine white

**AS 500**

Manual trigger switch for the manual release of electrically controlled hold-open devices



Name	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**

Wireless module for wireless connection of wireless components to GEZE hold-open systems



Name	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) to 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



Name	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 172**

Wireless smoke detector for wireless connection to the GC 171 wireless module



Name	Description	Ident-No.	Colour	Supply voltage	Dimensions
GEZE wireless smoke detector GC 172	for the wireless connection to GEZE hold-open systems, battery-operated, 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	159656	white RAL 9016	3 V DC	110 x 110 x 64 mm

**GC 173**

Wireless thermal detector for wireless connection to the GC 171 wireless module



Name	Description	Ident-No.	Colour	Supply voltage	Dimensions
GEZE GC 173 wireless thermal indicator	for wireless connection to GEZE hold-open systems, battery-operated, with base, tested in accordance with EN 54-5 and EN 54-25, general construction technique permit for use with all GEZE hold-open systems	159657	white RAL 9016	3 V DC	110 x 110 x 64 mm

**FA GC 170 WIRELESS KIT**

Set comprising GC 171 wireless module and GC 172 wireless ceiling-mounted smoke detector



Name	Description	Ident-No.
GEZE FA GC 170 wireless KIT	Set comprising: 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	163692

**MAGNETIC COUNTERPLATE BASIC MODEL**

Standard version, rubber-cushioned



Name	Description	Ident-No.
GEZE magnetic counter plate	Standard version, rubber support	115954

**MAGNETIC COUNTERPLATE SPRING BUFFER**

Version with spring buffer



Name	Description	Ident-No.
GEZE magnetic counter plate	Version with spring buffer	115955

**MAGNETIC COUNTERPLATE JOINT**

Version with adjustable joint





Name	Description	Ident-No.
GEZE magnetic counter plate	Version with adjustable joint	115956

### HOLD-OPEN MAGNET BASIC MODEL

With screw attachment on the rear and without mounting plate



Name	Description	Ident-No.	Type of installation
GEZE door hold-open magnet	Basic model, without mounting plate, screw fixture on the back	115830	surface-mounting, flush-mounting

### HOLD-OPEN MAGNET FLEXIBLE 185 MM

For wall or ceiling installation with stand pipe 185 mm



Name	Description	Ident-No.	Type of installation
GEZE door hold-open magnet	Wall/ceiling installation, stand pipe 185 m, easy to shorten, magnetic head adjustable through 90°	115952	Wall, Ceiling, Floor

### HOLD-OPEN MAGNET FLEXIBLE 185 MM

For wall or ceiling installation with stand pipe 335 mm



Name	Description	Ident-No.	Type of installation
GEZE door hold-open magnet	Wall/ceiling installation, stand pipe 335 m, easy to shorten, magnetic head adjustable through 90°	115953	Wall, Ceiling, Floor

**HOLD-OPEN MAGNET WALL INSTALLATION**

For wall installation with base plate



Name	Description	Ident-No.	Type of installation
GEZE door hold-open magnet	Wall mounting, with base plate	115829	Surface-mounted installation

**HOLD-OPEN MAGNET WALL INSTALLATION 65 MM**

For wall installation with base 65 mm



Name	Description	Ident-No.	Type of installation
GEZE door hold-open magnet	Wall installation with base 65 mm	155573	Wall

**HOLD-OPEN MAGNET WALL INSTALLATION SURFACE-MOUNTED**

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



Name	Description	Ident-No.	Type of installation
GEZE door hold-open magnet	Wall installation surface mounting or floor mounting with base accessories (not included in scope of delivery)	155569	Surface-mounted installation, Floor

**HOLD-OPEN MAGNET WALL INSTALLATION FLUSH-MOUNTED**

For wall installation flush-mounted



Name	Description	Ident-No.	Type of installation
GEZE door hold-open magnet	Flush-mounted wall installation	155567	Flush-mounted installation

## INSTALLATION MATERIAL

### MOUNTING PLATE GUIDE RAIL

for R-ISM guide rail



Name	Description	Ident-No.	Colour
Mounting plate guide rail	for R-ISM guide rail	118690	silver-coloured
Mounting plate guide rail	for R-ISM guide rail	118701	acc. to RAL

### MOUNTING PLATE DOOR CLOSER

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



Name	Description	Ident-No.	Colour
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	068627	white RAL 9016
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	057956	galvanised
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	029176	acc. to RAL
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	049185	silver-coloured
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	137725	stainless steel optic
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	052351	dark bronze