

Product data sheet

TS 5000 R-ISM



Overhead door closer system with guide rail for double leaf doors with closing sequence control and smoke switch

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
- Minimum hinge clearance 1500 mm, minimum width of the active leaf 875 mm and of the passive leaf 400 mm
- Door leaf installation hinge side

PRODUCT FEATURES

- System comprising two door closers TS 5000 and an R-ISM guide rail
- Closing force of EN2-6 with variable adjustment
- Operating voltage 230 V AC
- Can be used for right and left hand doors without conversion
- 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
- Electric hold-open device in the guide rail with hold-open area of 80°-130°
- 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
Closing force in accordance with EN 1154	EN 2 - 6
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
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 / passive leaf	Yes / Yes
Hold-open point	80 ° - 130 °
Integrated smoke switch	Yes
Integrated closing sequence control	Yes

PART**R-ISM GUIDE RAIL TS 5000**

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



Name	Description	Ident-No.	Colour	Supply voltage	Dimensions
R-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115618	acc. to RAL	230 V AC	2740 x 55 x 30 mm
R-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115617	stainless steel optic	230 V AC	2740 x 55 x 30 mm
R-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115614	silver-coloured	230 V AC	2740 x 55 x 30 mm
R-ISM guide rail TS 5000	continuous, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115616	white RAL 9016	230 V AC	2740 x 55 x 30 mm

TS 5000 R-ISM



R-ISM GUIDE RAIL TS 5000 EXTRA LENGTH

Up to 3200 mm with closing sequence control, electrical hold-open device on both leaves, smoke switch control unit and levers



Name	Description	Ident-No.	Colour	Supply voltage	Dimensions
R-ISM guide rail TS 5000 extra length	continuous, overlength up to 3200 mm, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115626	silver-coloured	230 V AC	3140 x 55 x 30 mm
R-ISM guide rail TS 5000 extra length	continuous, overlength up to 3200 mm, with integrated closing sequence control, electric hold-open device on both leaves, smoke switch control unit, and levers	115627	acc. to RAL	230 V AC	3140 x 55 x 30 mm

CLOSER BODY TS 5000

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



Name	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	acc. to RAL	EN 2 - 6	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

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

TS 5000 R-ISM



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

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