Product data sheet

TS 4000 R-IS *

Overhead door closer system with link arm for double leaf doors with closing sequence control, electric hold-open device and smoke switch

AREAS OF APPLICATION

- Fire and smoke protection doors
- Double leaf single-action doors
- Single-action doors up to 2800 mm hinge clearance and 1400 mm leaf width
- Transom installation opposite hinge side
- Hold-open systems with integrated hold-open device

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TS 4000 R-IS *

PRODUCT FEATURES

- System comprising two door closers TS 4000 R-IS with release mechanism
- Closing force EN 1-6 with variable adjustment
- 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 on both leaves with a hold-open area of 80°-175°
- Closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- Integrated back check on the passive leaf, slows doors that are thrown open forcefully
- Mechanical latching action which accelerates the door shortly before the closed position
- Closing speed can be individually adjusted
- Visual closing force display for easy control of the setting
- All functions can be set from the front (except for latching action)

TECHNICAL DATA

Productname	TS 4000 R-IS *
Closing force in accordance with EN 1154	EN 1 - 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	Transom installation opposite hinge side
Opening angle (max.)	180 °
Input voltage	230 V AC
Suitability for fire protection doors	Yes
Closing force adjustable	Yes, stepless
Adjustable closing speed	Yes
Latching action adjustable	Yes, via link arm
Position of closing force adjustment	Front
Visual closing force display	Yes
Hold-open device on the active leaf / passive leaf	Yes / Yes
Hold-open range	80 ° - 175 °
Smoke switch integrated	No
Closing sequence control integrated	Yes

TS 4000 R-IS *

VARIANTS / ORDER INFO

Designation	Description	Colour	Closing force in accordance with EN 1154	DIN direction	Hold-open point min.
GEZE TS 4000 R-IS	Closing force EN 1-6, with TS 4000 R-IS KM BG door closer and TS 4000 R KM BG door closer, for transom installation opposite hinge side, with standard link arm, with closing sequence control, release mechanism, with integrated smoke switch control unit	according to RAL	EN 1 - 6	left / right	80 °
GEZE TS 4000 R-IS	Closing force EN 1-6, with TS 4000 R-IS KM BG door closer and TS 4000 R KM BG door closer, for transom installation opposite hinge side, with standard link arm, with closing sequence control, release mechanism, with integrated smoke switch control unit	silver-coloured	EN 1 - 6	left / right	80 °

PART

LINK ARM TS 4000 / 2000

Standard link arm

Designation	Description	Ident-No.	Colour	EAN
Link arm TS 4000/2000	Standard	102425	according to RAL	4042938024259
Link arm TS 4000/2000	Standard	102421	silver-coloured	4042938024211
Link arm TS 4000/2000	Standard	102423	white RAL 9016	4042938024235
Link arm TS 4000/2000	Standard	102426	Stainless steel optic	4042938024266
Link arm TS 4000/2000	Standard	109544	black RAL 9005	4042938095440

LINK ARM TS 4000 / 2000 ELONGATED

For transom installation with reveal depth between 70-170 mm

Designation	Description	Ident-No.	Colour	EAN
Link arm TS 4000/2000 elongated	Extended, for transom installation with reveal depth between 70-170 mm	102434	according to RAL	4042938024341
Link arm TS 4000/2000 elongated	Extended, for transom installation with reveal depth between 70-170 mm	102431	silver-coloured	4042938024310
Link arm TS 4000/2000 elongated	Extended, for transom installation with reveal depth between 70-170 mm	102433	white RAL 9016	4042938024334

TS 4000 R-IS *

CLOSER BODY TS 4000 R-IS KM BG *

Main body for overhead door closer with link arm EN 1-6 with smoke control unit, closing sequence control and electric hold-open device

Designation	Description	Ident-No.	Colour	Supply voltage	Closing force in accordance with EN 1154
GEZE TS 4000 R-IS KM BG Closer *	Size EN 1-6, transom installation opposite hinge side, with integrated closing sequence control, electric hold-open device and smoke switch control unit (without link arm and release mechanism)	105245	according to RAL	230 V AC	EN 1 - 6
GEZE TS 4000 R-IS KM BG Closer *	Size EN 1-6, transom installation opposite hinge side, with integrated closing sequence control, electric hold-open device and smoke switch control unit (without link arm and release mechanism)	105244	silver-coloured	230 V AC	EN 1 - 6

CLOSER BODY TS 4000 R-IS KM BG SECOND UNIT *

Main body for overhead door closer with link arm EN 1-6 without smoke control unit with closing sequence control and electric hold-open device

Designation	Description	Ident-No.	Colour	Supply voltage	Closing force in accordance with EN 1154
GEZE TS 4000 R-IS KM BG second unit *	Closing force EN 1-6, transom installation opposite hinge side, with electric hold-open device (without smoke switch control unit and link arm)	105247	according to RAL	24 V	EN 1 - 6
GEZE TS 4000 R-IS KM BG second unit *	Closing force EN 1-6, transom installation opposite hinge side, with electric hold-open device (without smoke switch control unit and link arm)	105246	silver-coloured	24 V	EN 1 - 6

RELEASE MECHANISM CLOSING SEQUENCE CONTROL *

TS 4000 / E-IS/R-IS

TS 4000 R-IS *

Designation	Description	Ident-No.	Hinge clearance for double leaf doors	EAN
Release mechanism *	TS 4000 / E-IS/R-IS	058310	2400 mm - 2700 mm	4106030583103
Release mechanism *	TS 4000 / E-IS/R-IS	058311	> 2700 mm	4106030583110
Release mechanism *	TS 4000 / E-IS/R-IS	058307	1500 mm - 1800 mm	4106030583073
Release mechanism *	TS 4000 / E-IS/R-IS	058306	1200 mm - 1500 mm	4106030583066
Release mechanism *	TS 4000 / E-IS/R-IS	058309	2100 mm - 2400 mm	4106030583097
Release mechanism *	TS 4000 / E-IS/R-IS	058308	1800 mm - 2100 mm	4106030583080

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 4000 R-IS *

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

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

TS 4000 R-IS *

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

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

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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

RELEASE MECHANISM CLOSING SEQUENCE CONTROL *

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TS 4000 R-IS *

INSTALLATION MATERIAL

MOUNTING PLATE DOOR CLOSER *

For TS 5000 RFS KM/TS 4000 R(-IS) with hole pattern in accordance with DIN EN 1154 Supplement 1

Designation	Description	Ident-No.	Colour	Material	EAN
Mounting plate door closer	for TS 5000 RFS KM/TS 4000 R R-IS with hole pattern according to DIN EN 1154 Supplement 1	058808	black	Aluminum	4106030588085

* 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.