

# Product data sheet

# TS 4000 E-IS \*



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

## 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
- Door leaf installation hinge side and transom installation opposite hinge side (different variants)
- Hold-open systems with integrated hold-open device

**PRODUCT FEATURES**

- System comprising two door closers TS 4000 E-IS (active leaf) and TS 4000 E (passive leaf) and release mechanism
- Closing force EN1-6 with variable adjustment
- Operating voltage 24 V DC
- Can be used for right and left hand doors without conversion
- 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 E-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	Door leaf installation hinge side, Transom installation opposite hinge side
Opening angle (max.)	180 °
Input voltage	24 V DC
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 E-IS \*



## PART

### LINK ARM TS 4000 / 2000

Standard link arm



Designation	Description	Ident-No.	Colour
Link arm TS 4000/2000	Standard	102425	according to RAL
Link arm TS 4000/2000	Standard	102421	silver-coloured
Link arm TS 4000/2000	Standard	102423	white RAL 9016
Link arm TS 4000/2000	Standard	102426	Stainless steel optic

### LINK ARM TS 4000 / 2000 ELONGATED

For transom installation with reveal depth between 70-170 mm



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

### CLOSER BODY TS 4000 E

Main body for overhead door closer with link arm EN 1-6 with electric hold-open device



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 4000 E door closer	Closing force EN 1-6, door leaf installation hinge side, with electric hold-open device and connector box (without link arm)	105212	according to RAL	EN 1 - 6	325 x 46 x 60 mm
GEZE TS 4000 E door closer	Closing force EN 1-6, door leaf installation hinge side, with electric hold-open device and connector box (without link arm)	105211	silver-coloured	EN 1 - 6	325 x 46 x 60 mm

# TS 4000 E-IS \*



## CLOSER BODY TS 4000 E KM BG

Main body for overhead door closer with link arm EN 1-6 with electric hold-open device



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 4000 E KM BG Closer	Size EN 1-6, transom installation opposite hinge side, with electric hold-open device (without link arm)	105214	according to RAL	EN 1 - 6	325 x 46 x 60 mm
GEZE TS 4000 E KM BG Closer	Size EN 1-6, transom installation opposite hinge side, with electric hold-open device (without link arm)	105213	silver-coloured	EN 1 - 6	325 x 46 x 60 mm

## TS 4000 E-IS CLOSER BODY \*

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



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 4000 E-IS door closer *	Closing force EN 1-6, door leaf installation hinge side, with electric hold-open device, connector box, integrated closing sequence control and mounting plate (without release mechanism and link arm)	105237	silver-coloured	EN 1 - 6	325 x 46 x 60 mm
GEZE TS 4000 E-IS door closer *	Closing force EN 1-6, door leaf installation hinge side, with electric hold-open device, connector box, integrated closing sequence control and mounting plate (without release mechanism and link arm)	105238	according to RAL	EN 1 - 6	325 x 46 x 60 mm

## CLOSER BODY TS 4000 E-IS KM BG \*

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



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 4000 E-IS KM BG Closer *	Closing force EN 1-6, transom installation opposite hinge side, with electric hold-open device, integrated closing sequence control and mounting plate (without link arm and connector box)	105239	silver-coloured	EN 1 - 6	325 x 46 x 60 mm
GEZE TS 4000 E-IS KM BG Closer *	Closing force EN 1-6, transom installation opposite hinge side, with electric hold-open device, integrated closing sequence control and mounting plate (without link arm and connector box)	105240	according to RAL	EN 1 - 6	325 x 46 x 60 mm

**RELEASE MECHANISM CLOSING SEQUENCE CONTROL \***

TS 4000 / E-IS/R-IS



Designation	Description	Ident-No.
Release mechanism *	TS 4000 / E-IS/R-IS	058310
Release mechanism *	TS 4000 / E-IS/R-IS	058311
Release mechanism *	TS 4000 / E-IS/R-IS	058307
Release mechanism *	TS 4000 / E-IS/R-IS	058306
Release mechanism *	TS 4000 / E-IS/R-IS	058309
Release mechanism *	TS 4000 / E-IS/R-IS	058308

**ACCESSORIES****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
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 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

**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

**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 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

**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

**RSZ 7 \***

Extendable smoke switch control unit for all GEZE hold-open devices

Designation	Description	Ident-No.	Colour	Supply voltage
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	185231	according to RAL	230 V
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184196	Stainless steel optic	230 V
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	181025	silver-coloured	230 V
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184195	white RAL 9016	230 V

**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 \***

TS 4000 / E-IS/R-IS



Designation	Description	Ident-No.
Release mechanism *	TS 4000 / E-IS/R-IS	058310
Release mechanism *	TS 4000 / E-IS/R-IS	058311
Release mechanism *	TS 4000 / E-IS/R-IS	058307
Release mechanism *	TS 4000 / E-IS/R-IS	058306
Release mechanism *	TS 4000 / E-IS/R-IS	058309
Release mechanism *	TS 4000 / E-IS/R-IS	058308

**INSTALLATION MATERIAL****SPINDLE EXTENSION**

For TS 4000/TS 2001



Designation	Description	Ident-No.	Colour	Spindle extension
Spindle extension for TS 4000 / TS 2000	Crown gearing	103678	black	15 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103550	Galvanised	20 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103679	black	20 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	139793	according to RAL	15 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103548	Galvanised	10 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103677	black	10 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103549	Galvanised	15 mm

# TS 4000 E-IS \*



## DRILLING TEMPLATE DOOR CLOSER

for TS 5000/TS 4000/TS 3000/TS 2000



Designation	Description	Ident-No.
Drilling template door closer	for TS 5000/TS 4000/TS 3000/TS 2000	053134

## MOUNTING PLATE LINK ARM \*

for TS 4000/TS 2000, with slim frames



Designation	Description	Ident-No.	Colour
Mounting plate link arm	for TS 4000/TS 2000, with slim frames	082506	according to RAL
Mounting plate link arm	for TS 4000/TS 2000, with slim frames	057109	silver-coloured

## MOUNTING PLATE DOOR CLOSER

for TS 5000 EFS / RFS / E-HY / TS 4000 E with hole pattern according to DIN EN 1154 Supplement 1



Designation	Description	Ident-No.	Colour
Mounting plate door closer	for TS 5000 EFS / RFS / E-HY / TS 4000 E with hole pattern according to DIN EN 1154 Supplement 1	059107	silver-coloured
Mounting plate door closer	for TS 5000 EFS / RFS / E-HY / TS 4000 E with hole pattern according to DIN EN 1154 Supplement 1	100044	according to RAL

**MOUNTING PLATE LINK ARM**

For TS 4000/TS 2000 for parallel arm installation



Designation	Description	Ident-No.	Colour
Mounting plate link arm	for TS 4000/TS 2000, for parallel arm installation	053319	dark bronze
Mounting plate link arm	for TS 4000/TS 2000, for parallel arm installation	027460	according to RAL
Mounting plate link arm	for TS 4000/TS 2000, for parallel arm installation	053318	silver-coloured

\* 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.