

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 with variable adjustment from EN1-6
- 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
Approval for fire and smoke 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	Yes
Hold-open device on the passive leaf	Yes
Hold-open device on the active leaf / passive leaf	Yes / Yes
Hold-open angle	80 ° - 175 °
Integrated closing sequence control	Yes

TS 4000 E-IS



PART

LINK ARMS TS 4000 / 2000

Standard link arm



Name	Description	Ident-No.	Colour
Link arms TS 4000/2000	Standard	102425	acc. to RAL

LINK ARM TS 4000 / 2000 ELONGATED

For transom installation with reveal depth between 70-170 mm



Name	Description	Ident-No.	Colour
Link arm TS 4000/2000 elongated	Extended, for transom installation with reveal depth between 70-170 mm	102434	acc. 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

Name	Description	Ident-No.	Colour	Closing force	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	acc. 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

Name	Description	Ident-No.	Colour	Closing force	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	acc. 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

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

Name	Description	Ident-No.	Colour	Closing force	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	acc. to RAL	EN 1 - 6	325 x 46 x 60 mm

CLOSER BODY TS 4000 E-IS KM BG

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

Name	Description	Ident-No.	Colour	Closing force	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	acc. to RAL	EN 1 - 6	325 x 46 x 60 mm

RELEASE MECHANISM CLOSING SEQUENCE CONTROL

TS 4000 / E-IS/R-IS



Name	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

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

SET RSZ 6 ECWIRE

Smoke switch and power supply for all GEZE hold-open devices



Name	Description	Ident-No.	Colour
Set RSZ 6 ECwire	Integrated smoke switch control unit ECwire for straightforward wiring using 2-wire technology, including 2 x ceiling-mounted smoke detectors type GC 162 (white)	154980	acc. to RAL
Set RSZ 6 ECwire	Integrated smoke switch control unit ECwire for straightforward wiring using 2-wire technology, including 2 x ceiling-mounted smoke detectors type GC 162 (white)	154976	silver-coloured
Set RSZ 6 ECwire	Integrated smoke switch control unit ECwire for straightforward wiring using 2-wire technology, including 2 x ceiling-mounted smoke detectors type GC 162 (white)	154991	stainless steel optic
Set RSZ 6 ECwire	Integrated smoke switch control unit ECwire for straightforward wiring using 2-wire technology, including 2 x ceiling-mounted smoke detectors type GC 162 (white)	154979	white RAL 9016

GC 152

Smoke detector for GEZE hold-open systems



Name	Description	Ident-No.	Colour	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	Ceiling installation

GC 153

Thermal detector for GEZE hold-open systems



Name	Description	Ident-No.	Colour	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	Ceiling installation

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	Dimensions	Length
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	177 x 30 x 18 mm	177 mm

GC 175

Wireless input module for wireless connection of manual trigger switches to the GC 171 wireless module



Name	Description	Ident-No.	Colour	Dimensions	Length
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	52 x 52 x 32 mm	52 mm

GC 172

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



Name	Description	Ident-No.	Colour	Dimensions	Length
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	110 x 110 x 64 mm	110 mm

GC 173

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



Name	Description	Ident-No.	Colour	Dimensions	Length
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	110 x 110 x 64 mm	110 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

RSZ 7

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



Name	Description	Ident-No.	Colour	Length
RSZ 7 smoke switch control unit	Smoke switch control unit for all GEZE hold-open devices	185231	acc. to RAL	346 mm
RSZ 7 smoke switch control unit	Smoke switch control unit for all GEZE hold-open devices	184196	stainless steel optic	346 mm
RSZ 7 smoke switch control unit	Smoke switch control unit for all GEZE hold-open devices	181025	silver-coloured	346 mm
RSZ 7 smoke switch control unit	Smoke switch control unit for all GEZE hold-open devices	184195	white RAL 9016	346 mm

INSTALLATION MATERIAL**SPINDLE EXTENSION**

For TS 4000/TS 2001



Name	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	acc. 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

DRILLING TEMPLATE DOOR CLOSER

For TS 5000/TS 4000/TS 3000/TS 2000



Name	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



Name	Description	Ident-No.	Colour
Mounting plate link arm	for TS 4000/TS 2000, with slim frames	082506	acc. 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



Name	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	acc. to RAL

MOUNTING PLATE LINK ARM

For TS 4000/TS 2000 for parallel arm installation



Name	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	acc. to RAL
Mounting plate link arm	for TS 4000/TS 2000, for parallel arm installation	053318	silver-coloured