

# Product data sheet

# TS 5000 L-E-ISM VPK \*



Overhead door closer system with guide rail on opposite hinge side for double leaf doors with anti-panic function up to 2800 mm hinge clearance with GEZE CB flex carry bar, integrated closing sequence control and electric hold-open device

## AREAS OF APPLICATION

- Fire and smoke protection doors
- Double leaf single-action doors with panic function
- Symmetrical and asymmetrical division of door possible
- Single-action doors up to 2800 mm hinge clearance and 1400 mm leaf width
- Door leaf installation opposite hinge side
- Hold-open systems with integrated hold-open device



## PRODUCT FEATURES

- Complete package with two door closers TS 5000 L and TS 5000 L-IS with E-ISM guide rail
- Closing force of EN2-6 with variable adjustment
- Can be used for right and left hand doors without conversion
- Electric hold-open device in the guide rail with hold-open area from 80°
- Electric hold-open device in the guide rail with hold-open area of 80°-130°
- Closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- 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 L-E-ISM VPK *
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 opposite hinge side
Opening angle (max.)	130 °
Input voltage	24 V DC
Minimum hinge clearance	1360 mm
Minimum passive leaf width	380 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 function	Electrical
Hold-open device on the active leaf / passive leaf	Yes / Yes
Hold-open range	80 °
Smoke switch integrated	No
Closing sequence control integrated	Yes

**VARIANTS / ORDER INFO**

Designation	Description	Ident-No.	Colour	Hold-open point min.	Leaf width (max.)
GEZE TS 5000 L-E-ISM VPK *	Closing force EN -2-6, opposite hinge side with electric hold-open device, guide rail at 30 mm installation height and carry bar CB flex, without lintel casing bracket System solution for general use on full panic doors.	N/A	according to RAL	80 °	1400 mm
GEZE TS 5000 L-E-ISM VPK *	Closing force EN -2-6, opposite hinge side with electric hold-open device, guide rail at 30 mm installation height and carry bar CB flex, without lintel casing bracket System solution for general use on full panic doors.	N/A	silver-coloured	80 °	1400 mm

**PART****TS 5000 L-E-ISM VPK**

Overhead door closer system with guide rail, for opposite hinge side, for double leaf doors with anti-panic function, closing sequence control and electrical hold-open device



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
TS 5000 L-E-ISM VPK *	System solution for general use on full panic doors consisting of 1 x TS 5000 L, 1 x TS 5000 L-IS, 1 x CB flex, 1 x E-ISM BG guide rail with electric hold-open device on both leaves, continuous, with integrated release mechanism and levers	182644	silver-coloured		
TS 5000 L-E-ISM VPK *	System solution for general use on full panic doors consisting of 1 x TS 5000 L, 1 x TS 5000 L-IS, 1 x CB flex, 1 x E-ISM BG guide rail with electric hold-open device on both leaves, continuous, with integrated release mechanism and levers	182645	according to RAL		

**CLOSER BODY TS 5000 L-IS**

Main body for overhead door closer with guide rail EN 2-6 with closing sequence control



**ACCESSORIES****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

**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	Dimensions
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	185231	according to RAL	230 V	346 x 30 x 55 mm
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184196	Stainless steel optic	230 V	346 x 30 x 55 mm
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	181025	silver-coloured	230 V	346 x 30 x 55 mm
RSZ 7 smoke switch control unit *	Smoke switch control unit for all GEZE hold-open devices	184195	white RAL 9016	230 V	346 x 30 x 55 mm

**FLEXIBLE OPENING RESTRICTOR**

For E and R guide rails, single and double leaf



Designation	Description	Ident-No.	Material
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	Plastic

**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 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

**INSTALLATION MATERIAL**

**MOUNTING PLATE GUIDE RAIL BG \***

for ISM / E-ISM BG VPK guide rail



Designation	Description	Ident-No.	Colour
Mounting plate guide rail BG *	for ISM / E-ISM BG VPK guide rail	139760	according to RAL
Mounting plate guide rail BG *	for ISM / E-ISM BG VPK guide rail	139757	silver-coloured

**MOUNTING PLATE DOOR CLOSER**

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



Designation	Description	Ident-No.	Colour	Dimensions	Material
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	068627	white RAL 9016		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	057956	Galvanised		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	029176	according to RAL		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	049185	silver-coloured		Aluminum
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	137725	Stainless steel optic		Aluminum

**TS 5000 L-E-ISM VPK \***

Designation	Description	Ident-No.	Colour	Dimensions	Material
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	052351	dark bronze		Aluminum

**LINTEL CASING BRACKET \***

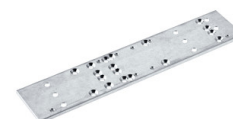
for ISM / E-ISM BG VPK guide rail



Designation	Description	Ident-No.	Colour
Lintel casing bracket *	for ISM / E-ISM BG VPK guide rail	139763	according to RAL
Lintel casing bracket *	for ISM / E-ISM BG VPK guide rail	139710	silver-coloured

**MOUNTING PLATE DOOR CLOSER \***

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



Designation	Description	Ident-No.	Material
Mounting plate *	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	083992	Aluminum

\* 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.