

Product data sheet

TS 5000 E-ISM



Overhead door closer system with guide rail 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
- 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
- Door leaf installation hinge side
- Hold-open systems with integrated hold-open device

PRODUCT FEATURES

- System comprising two door closers TS 5000 and an E-ISM guide rail
- Closing force of EN2-6 with variable adjustment
- Operating voltage 24 V DC
- Can be used for right and left hand doors without conversion
- 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 E-ISM |
| 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 | 24 V DC |
| Frequency of supply voltage | 50 Hz |
| Minimum hinge clearance | 1300 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 function | Electrical |
| Hold-open device on the active leaf / passive leaf | Yes / Yes |
| Hold-open range | 80 ° - 130 ° |
| Smoke switch integrated | No |
| Closing sequence control integrated | Yes |

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PART

E-ISM GUIDE RAIL TS 5000

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



| Designation | Description | Ident-No. | Colour | Dimensions | Hold-open point min. |
|--------------------------|---|-----------|-----------------------|-------------------|----------------------|
| E-ISM guide rail TS 5000 | continuous, with integrated closing sequence control, electrical hold-open device and levers on both leaves | 115603 | Stainless steel optic | 2630 x 40 x 30 mm | 80 ° |
| E-ISM guide rail TS 5000 | continuous, with integrated closing sequence control, electrical hold-open device and levers on both leaves | 115600 | silver-coloured | 2630 x 40 x 30 mm | 80 ° |
| E-ISM guide rail TS 5000 | continuous, with integrated closing sequence control, electrical hold-open device and levers on both leaves | 115602 | white RAL 9016 | 2630 x 40 x 30 mm | 80 ° |
| E-ISM guide rail TS 5000 | continuous, with integrated closing sequence control, electrical hold-open device and levers on both leaves | 115604 | according to RAL | 2630 x 40 x 30 mm | 80 ° |

E-ISM GUIDE RAIL TS 5000 EXTRA LENGTH *

Up to 3200 mm with closing sequence control, electric hold-open device on both leaves and levers



| Designation | Description | Ident-No. | Colour | Dimensions | Hold-open point min. |
|---------------------------------------|--|-----------|------------------|-------------------|----------------------|
| E-ISM guide rail TS 5000 extra length | continuous, overlength up to 3200 mm, with integrated closing sequence control, electrical hold-open device on both leaves, and levers | 115612 | silver-coloured | 3030 x 40 x 30 mm | 80 ° |
| E-ISM guide rail TS 5000 extra length | continuous, overlength up to 3200 mm, with integrated closing sequence control, electrical hold-open device on both leaves, and levers | 115613 | according to RAL | 3030 x 40 x 30 mm | 80 ° |

CLOSER BODY TS 5000

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



| Designation | 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 | according to RAL | EN 2 - 6 | 287 x 47 x 60 mm |

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 |

COVER CAP DOOR CLOSER *

For TS 5000 (L)/TS 4000, can only be used for door leaf installation



| Designation | Description | Ident-No. | Colour | Dimensions |
|-------------------------|--|-----------|------------------|--------------------|
| 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 |
| 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 |
| 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 |
| Cover cap door closer * | for TS 5000 / TS 5000 L / TS 4000, can only be used for door leaf installation | 000756 | according to RAL | 298 x 55 x 67.2 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 |

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 |

FLEXIBLE OPENING RESTRICTOR

For E and R guide rails, single and double leaf



| Designation | 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 |

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COVER CAP DOOR CLOSER *

For TS 4000/5000, curved shape

| Designation | Description | Ident-No. | Colour | Dimensions |
|-------------------------|---|-----------|--------------------------|------------------|
| Cover cap door closer * | for TS 5000/TS 4000, semi-radial, can only be used for door leaf installation | 092943 | Polished stainless steel | 337 x 51 x 72 mm |
| Cover cap door closer * | for TS 5000/TS 4000, semi-radial, can only be used for door leaf installation | 092944 | Satin stainless steel | 337 x 51 x 72 mm |

COVER CAP DOOR CLOSER *

For TS 4000/5000, rectangular shape

| Designation | Description | Ident-No. | Colour | Dimensions |
|-------------------------|--|-----------|--------------------------|------------------|
| Cover cap door closer * | for TS 5000 / TS 4000, square, can only be used for door leaf installation | 092938 | Polished stainless steel | 298 x 51 x 72 mm |
| Cover cap door closer * | for TS 5000 / TS 4000, square, can only be used for door leaf installation | 092939 | Satin stainless steel | 298 x 51 x 72 mm |

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

For ISM and E-ISM guide rail



| Designation | Description | Ident-No. | Colour |
|---------------------------|----------------------------|-----------|------------------|
| Mounting plate guide rail | for ISM / E-ISM guide rail | 118702 | silver-coloured |
| Mounting plate guide rail | for ISM / E-ISM guide rail | 118703 | according to RAL |

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 |
|----------------------------|---|-----------|-----------------------|
| 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 | according 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 |

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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. |
|------------------|---|-----------|
| Mounting plate * | for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1 | 083992 |

* 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.