

Product data sheet

TS 5000 EFS 3-6



Overhead door closer with guide rail for single leaf doors up to 1400 mm leaf width with electric free swing function

AREAS OF APPLICATION

- Fire and smoke protection doors
- Right and left single-action doors
- Single-action doors up to 1400 mm leaf width
- Door leaf installation hinge side and transom installation hinge side (different variants)
- Hold-open systems with integrated hold-open function with free swing
- Barrier-free access in accordance with DIN 18040

PRODUCT FEATURES

- Closing force with variable adjustment EN3-6
- Operating voltage 24 V DC
- Can be used for right and left hand doors without conversion
- Free swing function makes it possible to pass through the door with little physical force required
- Comfort hold-open function locks the door at the end of the free swing area
- External smoke switch control unit, whose signal closes the door automatically in the event of a fire
- Hydraulic latching action which accelerates the door shortly before it is closed
- Closing speed can be individually adjusted
- Visual closing force display for easy control of the setting
- All functions can be adjusted from the front

TECHNICAL DATA

| | |
|---|---------------------------------------|
| Productname | TS 5000 EFS 3-6 |
| Closing force in accordance with EN 1154 | EN 3 - 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 |
| Opening angle (max.) | 180 ° |
| Input voltage | 24 V DC |
| Suitability for fire protection doors | Yes |
| Free swing area | 85 ° - 160 ° |
| Closing force adjustable | Yes, stepless |
| Adjustable closing speed | Yes |
| Latching action adjustable | Yes, via valve |
| Back check integrated | No |
| Position of closing force adjustment | Front |
| Visual closing force display | Yes |
| Hold-open function | Electrically, for free-swing function |
| Smoke switch integrated | No |

PART**TS 5000 EFS COMPLETE PACKAGE**

Overhead door closer with guide rail EN 3-6 with electric free swing function



| Designation | Description | Ident-No. | Colour | Closing force in accordance with EN 1154 | Dimensions |
|------------------|---|-----------|-----------------------|--|------------------|
| GEZE TS 5000 EFS | Complete package, closing force EN 3-6, door leaf installation hinge side, with electric free swing function, with guide rail and lever with comfort hold-open function | 162084 | Stainless steel optic | EN 3 - 6 | 327 x 47 x 60 mm |
| GEZE TS 5000 EFS | Complete package, closing force EN 3-6, door leaf installation hinge side, with electric free swing function, with guide rail and lever with comfort hold-open function | 155478 | according to RAL | EN 3 - 6 | 327 x 47 x 60 mm |
| GEZE TS 5000 EFS | Complete package, closing force EN 3-6, door leaf installation hinge side, with electric free swing function, with guide rail and lever with comfort hold-open function | 155477 | silver-coloured | EN 3 - 6 | 327 x 47 x 60 mm |
| GEZE TS 5000 EFS | Complete package, closing force EN 3-6, door leaf installation hinge side, with electric free swing function, with guide rail and lever with comfort hold-open function | 162083 | white RAL 9016 | EN 3 - 6 | 327 x 47 x 60 mm |

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 |

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 |

SMOKE DETECTOR WITH DETECTOR BASE *

Smoke detector for GEZE hold-open systems with fail-safe function according to EN2535



| Designation | Ident-No. | Supply voltage | Type of installation |
|-------------------------------------|-----------|----------------|----------------------|
| Smoke detector with detector base * | 192714 | 24 V DC | Ceiling |

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 standard, ECLine, T-Stop and EFS guide rail



| Designation | Description | Ident-No. | Colour |
|---------------------------|---|-----------|------------------|
| Mounting plate guide rail | for standard / ECLine / T-Stop / EFS guide rail | 001512 | silver-coloured |
| Mounting plate guide rail | for standard / ECLine / T-Stop / EFS guide rail | 104515 | according to RAL |
| Mounting plate guide rail | for standard / ECLine / T-Stop / EFS guide rail | 129252 | white RAL 9016 |

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 |

* 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.