DICTION DICTAMAT 560 and DICTAMAT 570 door operators keep fire protection sliding doors open and close them automatically.

An electromagnetic hold-open system keeps the door in the desired position with help of a revolving steel rope until the power supply is interrupted by a smoke detector or a hand release switch (with relay) or an emergency switch.

The closing speed is controlled by the integrated magnetic brake system.

The door can be closed automatically by a separately installed DICTATOR spring rope pulley or a counter weight.

The DICTAMAT 560 and DICTAMAT 570 components have been tested for use on fire protection sliding doors by the National Material Testing Office in Dortmund, Germany. Independent quality control of the product performance is monitored through the same Institute (contract no. Do.15.4).

**Technical Data**

- Electromagnet to hold door open in desired position (24 VDC / 92 mA)
- Revolving steel rope, easy to install and fail-safe
- Adjustable closing speed (0.08 to 0.2 m/sec)
- Wear-proof and frictionless magnetic brake system, approx. 300 N holding force
- Mounting bracket for easy installation on rail
- Small size allows for installation in front of the door
- 160 N and 320 N spring rope pulleys available (6.5 m working distance)
Semi-Automatic Fire Protection
Sliding Door Operators
DICTAMAT 560/570

Damping Characteristics and Dimensions

The damping force can be adjusted by turning the adjustment ring. Turning it clockwise will reduce gap X, thus increasing the damping force. Force [N] and speed [m/s] are only valid in connection with the Ø 95 drive wheel.

Braking Moment

Hold-Open and Damping System

Rope Tensioner with Fixing Bracket and Idler Pulley with Mounting Bracket

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Semi-Automatic Fire Protection
Sliding Door Operators
DICTAMAT 560/570

DICTAMAT 560
With Spring Rope Pulley for Sliding Fire Doors up to 6.5 m Width

The DICTAMAT 560 door operator provides a hold-open and closing system for fire protection sliding doors. The integrated adjustable magnetic brake system controls the closing speed of the door and keeps it constant. A steel rope provides the connection between the hold-open system and the door.

The DICTAMAT 560 closes the door with a spring rope pulley that can be supplied with 160 N or 320 N force. A power diagram and dimensions can be found on page 05.048.00.

Order Information

DICTAMAT 560 with 160 N spring rope pulley part no. 700301
DICTAMAT 560 with 320 N spring rope pulley part no. 700311

Components Included

Hold-open and damping system (electromagnet, magnetic brake system)
Mounting bracket for fixing of operator on rail
25 m steel rope with cable eye stiffener, 2 rope clamps and tensioner
Idler pulley with mounting bracket for fixing on rail
Spring rope pulley (160 N or 320 N) with bracket and 10 m steel rope

Accessories

Hand release switch "Close fire protection door" part no. 700132
Cutoff relay, alarm and RESET switch see Fire Door Control Solutions
Power pack E 450, 0.45 A / 24 VDC part no. 040545
DICTATOR RM 2000/RM 3000+ smoke detectors with base see Fire Door Control Solutions
DICTATOR EDH final dampers from page 05.065.00
Free-running system (door catch and special rope tensioner) see special leaflet

Functioning

The door is opened by hand (the magnetic brake system has a free-wheel in the opening direction) and is kept open in the desired position by the hold-open system.

Please see the diagram on the preceding page for the electrical wiring (24 VDC). The spring rope pulley automatically closes the door when the power supply is interrupted by a smoke detector or manually by a release and Reset switch or an alarm switch (part no. 700132).
**DICTAMAT 570**

For Fire Protection Sliding Doors with Counter Weight

The DICTAMAT 570 door operator provides a hold-open system for fire protection sliding doors. The integrated adjustable magnetic brake system controls the closing speed of the door and keeps it constant.

A revolving steel rope provides the connection between hold-open system and the door. Please see diagram on page 05.042.00 for the electrical wiring (24 VDC).

### Functioning

The door is opened by hand (the magnetic brake system has a free-wheel in the opening direction) and is kept open in the desired position by the hold-open system.

The counter weight automatically closes the door when the power supply is interrupted by a smoke detector or a hand release switch (cutoff relay and reset switch or alarm switch part no. 700132).

### Order Information

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<td>Hold-open and damping system (electromagnet, magnetic brake system)</td>
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<td>Mounting bracket for fixing operator on rail</td>
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### Accessories

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