Safety and Operating Equipment for
DICTAMAT Door Operators

On the following pages you will find a number of operating and safety equipment to go with the DICTATOR fire protection door operators. In case of special requirements please ask for an offer. When choosing the safety equipment you should observe the requirements of the relevant directives.

Please observe the maximum capacity of the binders in the control system. The power consumption of the connected devices must not exceed this value. An additional power pack should be ordered, if necessary. (Please see the chapter Fire Door Control Solutions in the DICTATOR catalogue).

More safety and operating elements can be found beginning on page 04.049.00 in the chapter Door and Gate Operators of the DICTATOR catalogue.

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**Push Button Switches**

**Functioning**

DICTATOR furnishes a range of different push button switches to operate the door drives DICTAMAT. Normally a switch with two or three push buttons is used (OPEN/CLOSE or OPEN/STOP/CLOSE). The hand switches shown on this page are provided with the following contacts:

- **OPEN, CLOSE** make contact (NO)
- **STOP** break contact (NC) or make contact (NO) (depending on the type of control system used)

**Dimensions**

![Diagram of push button switches]

**Technical Data**

- **IP rating**: IP 67
- **Operating temperature**: -25 °C to +70 °C

**Order Information**

- Push button switch OPEN (make contact, NO) part no. 700185
- Push button switch OPEN · CLOSE, (2 make contacts, NO) part no. 700117
- Push button switch OPEN-STOP-CLOSE (STOP = break contact, NC) part no. 700142
- Push button switch OPEN-STOP-CLOSE (STOP = make contact, NO) part no. 700147
Key Switch

Functioning

A **key switch** is used whenever the use or the operation of the door is restricted to certain persons. The key switches offer only two operating possibilities: **OPEN** and **CLOSE**. If the key switch part of a locking system the key switches can be furnished with a half cylinder lock, to be replaced with one belonging to the locking system.

Contacts:

| OPEN, CLOSE | make contact (NO) |

Dimensions Key Switch

- **IP rating key switch**: IP 67
- **IP rating key switch with half cylinder lock**: IP 54
- **Operating temperature**: -25 °C to +70 °C

Order Information

- **Key switch OPEN - CLOSE, surface type**: part no. 700113
- **Key switch OPEN - CLOSE with half cylinder lock, surface type**: part no. 700114
- **Key switch OPEN - CLOSE with half cylinder lock, flush mounting**: part no. 700115
Large Surface Switch, Pulling Switch

Functioning

Large surface switches are recommended when the persons using the door either do not have empty hands and should be able to operate the switch with their elbow, or to facilitate their use to handicapped persons.

The pulling switch is mainly used in combination with the automatic closing when fork lift trucks frequently use the doors.

Contacts:

- Make contact (NO)

Dimensions

Large Surface Switch

[Diagram of Large Surface Switch]

Pulling Switch

[Diagram of Pulling Switch]

Technical Data

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Order Information

- Large surface switch, flush mounting, stainless steel appearance part no. 700194
- Pulling switch (for alternating impulse OPEN-CLOSE) part no. 700164
Special Operating Elements for Fire Protection Doors

Functioning

Fire protection doors have to close automatically in case of alarm. The alarm can be triggered by a smoke detector or by a hand release switch. In case of the semi-automatic door operators DICTAMAT 560, 570 and 650 a push-to-lock key is required. For the fully automatic door operators the standard hand release switch, part no. 040005 or 040053 (see chapter Fire Door Control Solutions) is sufficient.

After every alarm the control system requires a RESET command to resume normal operation.

Contacts:

| OPEN     | 2 x make contact (NO) |
| CLOSE    | break contact (NC)    |
| STOP     | make contact (NO)     |

Dimensions

Push-to-Lock Hand Switch

Dimensions RESET

Technical Data

- IP rating: IP 67
- Operating temperature: -25 °C to +70 °C

Order Information

- Push-to-lock hand release switch (break contact - NC) part no. 700132
- RESET switch (make contact - NO) part no. 700112
Other Switches:
Emergency-STOP, Limit Switch, Main Switch

Functioning
For large sliding doors an emergency-stop switch should be provided for safety reasons. Limit switches are necessary for all door operators without integrated position control system. In order to be able to cut off the power supply completely, a main switch should be installed directly in the power supply of the control system.

Dimensions
Emergency-STOP Switch

Limit Switch

Main Switch

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