

## **Tender Text**

### **Record System 20– automatic linear sliding door**

#### **Description Record System 20**

Automatic Record System 20 sliding door system with fine-framed profile system and glass door leaf. Low-noise drive including presence sensors and electronic display operating unit.

Record System 20 is an aesthetic, comfortable room closure and is also suitable for particularly heavy applications weighing up to 2 x 200 kg - also available for escape and rescue route applications.

Interactive communication of electronic components is done via a proprietary BUS system. This allows a continuous monitoring of the electronic control and components, during which they are subjected to a plausibility check. This increases the safety and protection level of the entire system. Thanks to the door system's ability to learn, possible malfunctions are reduced to a minimum.

The doors can be operated via a remote control with a graphic display. Navigation is carried out in a simple and intuitive way in the desired language and status information (status codes) is shown in plain text. Additional key switches are optionally available.

- Permanent monitoring of all safety relevant components
- Interactive communication capability with all Record door system peripherals through CAN bus technology
- Vibration isolated track and low-noise roller technology
- Low maintenance toothed belt drive
- Self-learning 32 bit microprocessor control
- Creep function and automatic reversal in open and close directions, programmable
- Acceleration and deceleration in open and close directions, programmable

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- 1**      **Certification / approval / tested according to**  
System corresponds to the currently valid state of the art and the required standards and guidelines:

- EN 16005
- EN ISO 13849-1
- EN 60335-2-103
- DIN 18650-1/-2
- AutSchR for sliding doors for use in escape and rescue routes

#### Dimensions

Clear passage width A	<input type="text"/>	mm
Total width	<input type="text"/>	mm
Clear opening height G	<input type="text"/>	mm
Operator height (150 or 200mm)	<input type="text"/>	mm
Total height	<input type="text"/>	mm

#### Surface treatment of the visible aluminium parts

<input type="checkbox"/> Anodized	Colour:	<input type="text"/>
<input type="checkbox"/> Powder coating	RAL / NCS:	<input type="text"/>

**2**      **Versions**

Linear classic sliding door Record System 20 (single or double leaf)

- |   |  |
|---|--|
| <input type="checkbox"/> Bi-parting     |  |
| <input type="checkbox"/> One-sided left | <input type="checkbox"/> One-sided right |

Linear telescopic sliding door Record System 20 (double or four leaf)

- |   |  |
|---|--|
| <input type="checkbox"/> Bi-parting     |  |
| <input type="checkbox"/> One-sided left | <input type="checkbox"/> One-sided right |

**3**      **Version for escape and rescue routes**

- ☐ RED (redundant design)
- ☐ CO48 (mechanical energy store – France only)

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- |          |                          |  |                                |
|----------|--------------------------|--|--------------------------------|
| <b>4</b> | <input type="checkbox"/> | <b>Profile / Glass / Sealing</b>                     |                                |
|          | <input type="checkbox"/> | Moving leaf with ESG / VSG 10mm                      |                                |
|          | <input type="checkbox"/> | Moving leaf with customer infill 10mm                |                                |
|          | <input type="checkbox"/> | Moving leaf with ISO 24mm ESG (optional ESG / VSG)   |                                |
|          | <input type="checkbox"/> | Moving leaf with customer specific infill 24mm       |                                |
| <b>5</b> | <input type="checkbox"/> | <b>Side parts</b>                                    |                                |
|          | <input type="checkbox"/> | Left   | <input type="checkbox"/> Right |
| <b>6</b> | <input type="checkbox"/> | <b>Installation type</b>                             |                                |
|          | <input type="checkbox"/> | Lintel mounting (on-wall mounting)                   |                                |
|          | <input type="checkbox"/> | Passageway mounting (unsupported)                    |                                |
| <b>7</b> | <input type="checkbox"/> | <b>Drive cover</b>                                   |                                |
|          | <input type="checkbox"/> | fold-out (Standard)                                  |                                |
|          | <input type="checkbox"/> | hinged (ceiling installation)                        |                                |
|          | <input type="checkbox"/> | lockable   |                                |
| <b>8</b> | <input type="checkbox"/> | <b>Floor rail</b>                                    |                                |
|          | <input type="checkbox"/> | Door leaf guide (Standard)                           |                                |
|          | <input type="checkbox"/> | Continuous recessed stainless steel floor rail (CNS) |                                |

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#### 9 **Operation**

Placement:

- ☐ Surface-mounted ☐ Flush-mounted
- ☐ Electronic control unit BDE-D (standard)  
with display and multilingual plain text display for user and menu guidance, with a wide range of programming functions. With electronic operating lock.
- ☐ Key switch BDE-M  
Operating modes: Automatic / manual operation / permanently open / locked
- ☐ Operating lock switch with lock cylinder

#### 10 **Sensors**

Record sensor 290, self-learning through intelligent bus communication with the door control, from our own development and production in Switzerland, in the versions

- ☐ Combination sensor RIC 290 (standard)  
Consisting of radar motion detector as pulse generator and infrared safety sensor for contactless protection of the area near the door
- ☐ Infrared motion detector and safety sensor AIR 290  
as a pulse generator and for contactless protection of the area near the door

#### 11 **Protection of secondary closing edge:**

- ☐ Safety clearances (Standard)
- ☐ Protective wing (pivotable)
- ☐ Infrared safety sensor AIS 290 for non-contact protection

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#### 12 Locking Device

- ☐ Electromechanical bolt lock, VRR 20 (Standard)
- ☐ Motorised multi-point locking, MPV 20
- Mech. Manual Release:
  - ☐ Inside ☐ Outside
  - ☐ Key switch, mounting on the outside of the building
  - ☐ External lock monitoring
  - ☐ Optical locking indicator

#### 13 Options

- Emergency module / Rechargeable battery:
  - ☐ for emergency operation ☐ for emergency movement
  - ☐ Door leaf monitoring
  - ☐ Sluice control for 2 door systems
  - ☐ Redundancy in the escape route

#### 14 Assembly and commissioning

Complete assembly ready for operation, commissioning of the system and instruction of the operating personnel after installation. Mains connection and wiring must be carried out by the customer in accordance with the project-specific wiring plan prepared by Record

#### 15 Warranty

Typical for the country

#### 16 Service

Typical for the country

#### 17 Technical requirements / Connected loads

Connected load: 230 V 50 Hz max. 330 W rated power

All empty conduits and wiring according to the wiring lan are provided by the customer