

HIGH-SPEED SPIRAL DOOR, Type „EFA-SST®-MS“

The “EFA-SST®-MS” is an **EC type-tested safety component** in accordance with the **Machinery Directive 2006/42/EC** with a proven performance level ‘d’ for **safety-related functions** in accordance with **DIN EN ISO 13849**. It is a **single-acting power-operated separating protective device** with interlocking in accordance with **DIN EN 953**.

TECHNICAL FEATURES

- The basic design is based on **EFAFLEX's proven spiral door technology**. The **durable door leaf** of the EFA-SST® MS high-speed spiral door **consists of sturdy, anodised, double-walled aluminium laths**. Optionally, **single-shell, transparent laths made of impact-resistant polycarbonate** can also be used to provide a view of the machine area.
- The **powerful frequency converter control**, in conjunction with the functionally adapted drive, enables particularly **dynamic door operation**. The **locking device for detecting the safe closed position (limit switch: ifm)** enables connection to the machine in **Cat. 4 / PL e according to DIN EN ISO 13849-1**.
- Opening speed up to 2.2 m/s; closing speed up to 0.6 m/s
- The **MICROPROCESSOR CONTROL** is installed together with the integrated frequency converter in a separate steel control cabinet, protection class IP 54. Connection to 3~/N/PE 400 volt power supply provided by the customer.

PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- Resistance to wind load: DIN EN 12424, Class 4
- Air permeability: DIN EN 12426, Class 0
- Sound insulation: DIN EN ISO 717-1, 23 dB

Manufacturer: EFAFLEX Tor- und Sicherheitssystem GmbH & Co. KG | www.efaflex.com

Stand 04/2025 – Subject to technical changes

DIMENSIONS OF THE CLEAR OPENING

Width = mm

Height = mm