**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

**dimensions of the clear opening**

Width = ............... mm

Height = ............... mm