

„Machine protection door“ HIGH-SPEED ROLL-UP DOOR, type “EFA-SRT®-MS”

Manufacture, delivery and installation of

High-speed roll-up door type “EFA-SRT®-MS”:

The high speed door EFA-SRT®-MS is an EC type-tested safety component according to Machinery Directive 2006/42/EG with functional safety performance level “d” for safety relevant function according to DIN EN ISO 13849. It is suitable for use as a movable separating safety guard according to DIN EN 14120:2016-05.

The standard door curtain is to be made of 2 mm transparent flexible PVC with warning stripes and reinforcing wind buttons and suitable for locations where paint or adhesives are applied.

The high-performance controller with frequency-converter allows together with the functionally adjusted drive a very dynamic door operation. The locking device for secure “door closed” message (limit switch: Pilz) enables a connection to machines in Cat. 4 / PL e acc. to DIN EN ISO 13849-1).

OPENING SPEED: up to approx. 1.3 m/s
Max. DOOR LEAF SPEED: up to approx. 1.8 m/s
(depending on the lifting height)
CLOSING SPEED: up to approx. 0.8 m/s
Max. cycles per minute: 7

The **MICROPROCESSOR CONTROL** is installed together with the integrated frequency converter in a separate plastic switch cabinet, protection type IP 54. Connection to 3~/N/PE 400V power supply on-site.

The scope of delivery includes an electric Safety contact edge, self-monitoring according to DIN EN 12453: Its connection cable must be guided in a protective energy chain within the door frame.

Regulations pursuant to DIN EN 13241-1 are complied with;

for clear opening dimensions

Width = mm x Height = mm

If a site specific execution according to an existing product specification is required, please provide us those documents for technical examination!

Manufacturer:

EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG

www.efaflex.com

OPTIONS for high-speed roll-up door, type “EFA-SRT®-MS”

KAMS

complete covering for motor and shaft

MS-AM

Additional output model: in control box with 4 outputs
(maximum 4 units selectable)

- Ready / failure
- Photo cell occupied
- Contact edge triggered

- Door closed
- Red traffic light
- Green traffic light

Z4S

Powder coating of all galvanised steel parts in a colour according to RAL _____ (luminous and pearl colours not possible)

MOA-SRT

Self-supporting construction for free-standing installation

Available curtains:

PVC Fully transparent PVC with vertical warning stripes, 2mm thick
Colours; blue , orange, red, yellow, green, grey, white

TO1 polyester fibre 2.0 mm thick, transversely stable, FDA approved
red / orange / yellow: non-antistatic, silicone free
blue, silicone-free,
without window

TS1 polyester fibre 2.0 mm thick, transversely stable, FDA approved
red / orange / yellow: non-antistatic, silicone free
blue, silicone-free,
with window (made of fully transparent PVC)

TO5 polyester fibre 2.0 mm thick, transversely stable, FDA approved
grey-white: antistatic, silicone-free,
without window

TS5 polyester fibre 2.0 mm thick, transversely stable, FDA approved
grey-white: antistatic, silicone-free,
with window (made of fully transparent PVC)

TO3 polyester fibre 2.0 mm thick, black-grey, transversely stable, urethane-impregnated,
fire resistance class B1 (SE) according to DIN EN 20340
antistatic, silicone-free