**„Machine protection door“ HIGH-SPEED ROLL-UP DOOR, type “EFA-SRT®-MS USD”**  
Manufacture, delivery and installation of  
  
High-speed roll-up door type “EFA-SRT®-MS”:  
  
The high-speed door EFA-SRT®-MS USD is a Machine protection door - safety component 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, and as a personal-retaining-facility with locking according to DIN EN ISO 14120.  
  
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 looking 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 USD”**  
  
Z4S  
Powder coating of all galvanised steel parts in a colour according to   
RAL \_\_\_\_\_\_\_\_\_\_ (luminous and pearl colours not possible)  
  
**Available curtains:**  
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