**HIGH-SPEED ROLL-UP DOOR, type “EFA-SRT®-MTL”**  
Manufacture, delivery and installation of  
  
High-speed roll-up door, type „EFA-SRT®-MTL“, with electro-mechanical high-performance drive unit for inside use without wind load as “access prevention” in materials logistics without personal traffic.  
  
The main advantage of this low-maintenance door construction consists of the very slim aluminium frames (anodized (E6-EV1) with clinging door blade guides. Standard door curtain made of 2mm thick PVC, fully transparent, laterally guided and rolled onto horizontally placed shaft; PVC curtains generally come with vertical warning stripes.  
  
The DOOR is driven by a high-frequency motor as direct drive. The positions of the door are permanently detected by means of non-wearing, inductive proximity switches, with the limits being determined electronically. Electro-mechanical limit switches are not permissible here.  
  
**OPENING SPEED: up to approx. 1.5 m/s   
CLOSING SPEED: up to approx. 0.6 m/s  
(depending on door size)**  
The **MICROPROCESSOR CONTROL** is installed together with the integrated frequency converter in a separate plastic switch cabinet, protection type IP 65 with CEE plug. Connection to 230V / 50 Hz power supply on-site.  
  
The scope of delivery includes a bottom section for curtain tensioning made of galvanized steel with sealing lip.   
  
Regulations pursuant to DIN EN 13241-1 are complied with;  
  
  
for clear opening dimensions  
  
Width = ............... mm x Height = ............... mm  
  
Manufacturer:  
EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG  
www.efaflex.com  
  
**OPTIONS for high-speed roll-up door, type “EFA-SRT®-MTL”**  
Equipment package for “access restriction” (with personnel traffic):  
Surcharge for application in areas with persons in the door area, consisting of:  
Aluminium end-shield (E6-EV1) with integrated safety edge in rubber profile. Covered guidance of energy chain to the bottom edge with additional cover on one side of the door frame.  
High-frequency drive with gear protection and absolute encoder, emergency opening via crank, microprocessor control in plastic box (IP 65) with main switch  
  
**Motor and winding shaft covering:**  
Complete covering over motor and shaft  
 **Motor position:**  
Surcharge for space-saving, motor position, drive connection via chain  
  
**Surface:**  
Powder coating of all galvanised steel parts and aluminium parts in a colour according to RAL \_\_\_\_\_\_\_\_\_\_ (pearl, luminous and metallic colours not possible)

**Frame extension:**  
Surcharge for extension of frames on both sides, e.g. for conveyor application at a higher level than floor level (infill between floor and top edge of conveyor to be supplied locally)  
 **Surcharge for conveyor kit:**  
Separate terminals for the following inputs and outputs:  
Inputs: door open / door closed / emergency stop  
Outputs: door opened / door closed / door ready-failure  
(max. with 24V DC)  
  
**Message of positions via mechanical limit switches:**  
Surcharge for mechanical limit switch, roller lever type for additional message door open / door closed to local facility  
  
**Message of positions via safety limit switches:**  
Surcharge for inductive safety limit switch, (category IV) for additional message door open / door closed to local facility. Evaluator for integration in local control supplied loosely.  
  
**Door curtain extension on one side:**  
Surcharge for extension of door curtain on one side (left hand side or right hand side selectable, min. height 350mm / max. height 1200mm, min. width 250mm), e.g. for laterally placed conveyor system.  
  
**Rubber lip extension:**  
Surcharge for extension of bottom rubber sealing lip (max. 300mm) for adaption to protruding parts of the conveyor.  
  
**Special curtains:**  
polyester fibre 2.0 mm thick, transversely stable, FDA approved  
red / orange / yellow: non-antistatic, silicone free   
blue / grey-white: antistatic, silicone-free,  
without vision window  
  
polyester fibre 2.0 mm thick, transversely stable, FDA approved  
red / orange / yellow: non-antistatic, silicone free   
blue / grey-white: antistatic, silicone-free,  
with vision window  
 (in the case of door curtain with window only partly antistatic and partly  
 approved for the food industry)  
  
polyester fibre 2.0 mm thick, black-grey, transversely stable, urethane-impregnated,   
hardly flammable class B1 (SE) according to DIN EN 20340 antistatic, silicone-free  
without vision window  
  
polyester fibre 2.0 mm thick, black-grey, transversely stable, urethane-impregnated,   
hardly flammable class B1 (SE) according to DIN EN 20340 antistatic, silicone-free  
with translucent UV protection window acc. to DIN 1598