

General

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This short manual is just valid in combination with followed user manuals:

- Installation manual AM 830
- Manual for curtain systems SmokePROtec/FirePROtec

1.1 Product description

The service button RSV/FSV makes the programming of the unwind position of automatic curtain systems more easier. It contains the manual control unit and the unwind position generator. The unwind position generator will be set below to curtain to the ground. It stops the unwind of the curtain if the curtain touches it. By use of the manual control unit take care that the labels are on the right hand side and the connection on the top side.

Abbildung 1. Manual control unit

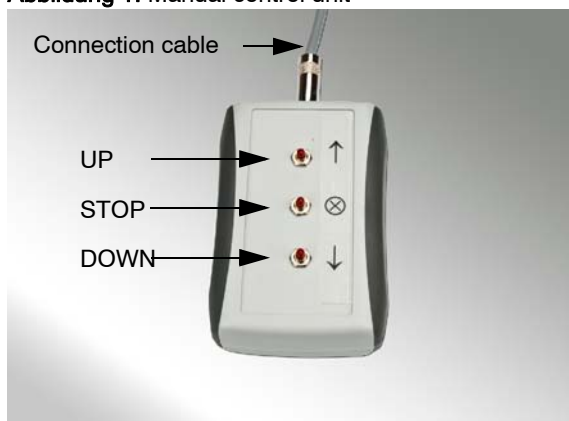
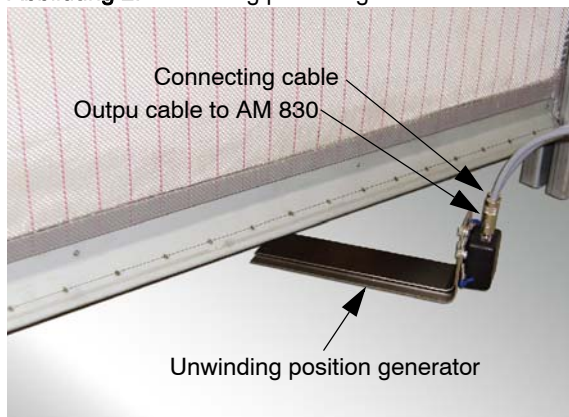


Abbildung 2. Unwinding position generator



1.2 Shipment

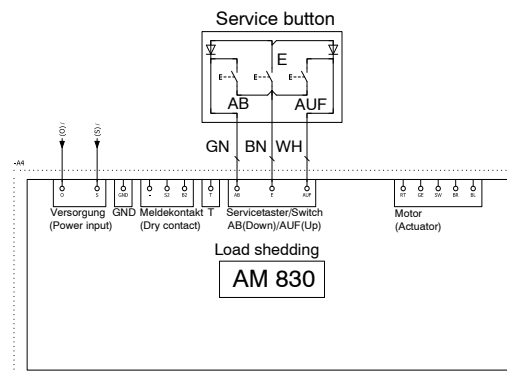
- 1 Manual control unit
- 1 Unwinding position generator
- 1 Connection cable
- 1 Output cable to AM 830

2. Installation

2.1 Connection of the Service button

- Connect the manual control unit with the connection cable.
- Connect it with any of the jack plugs at the unwind position generator.
- Connect the green wire of the output cable with "DOWN" of the AM-380.
- Connect the white wire of the output cable with "UP" of the AM-830.
- Connect the brown wire of the output cable with "E" of the AM-830.
- Connect the open end of the connection cable with the unwind position generator.

Abbildung 3. Connection diagram



Carry out the stroke programming

2.1.1 Service buttons – rewind and unwind (optional)

- The 'OPEN' and 'CLOSE' terminals must be connected to each other in the case of multiple rollers. 'E' is to be fed accordingly to the service button and the two return lines to the AM 830. The supply of voltage to the service button from terminal E can take place from any cut-off in the tandem system. However, only **one** connection may be used, i.e. no parallel connection of the E terminals!

2.1.2 DIP switch SW1

- Switch 1 ON Service button OFF
- Switch 2 ON Stroke programming ON
- Switch 3 ON Service mode ON
- Switch 4 ON Signal contact for unwind procedure 'alarm position'



ATTENTION

If several AM 830 units are connected in parallel, the respective DIP switches in all parallel connected AM 830 units must have the same setting.

2.1.3 Signal contact during unwinding

If switch SW1/4 is set to ON, the signal contact is closed only during the unwinding procedure. This function enables, for example, the connection of an optical or acoustic warning device for warning of unwinding.

3. Carry out the stroke programming

Stroke programming of the curtain system.

- Switch off the power supply to the AM 830
- Set DIP switch 2 of SW1 to ON. Switch on the power supply.
- The curtain winds automatically up to the 'OPEN' end position and stays in this position approx. eight seconds before automatically unwinding.
- When the curtain reaches the desired unwound position, actuate the 'STOP' service button (press the 'OPEN' and 'CLOSE' service buttons at the same time).
- The unwound position is saved.