

TSN1 97

Servo Emergency System

TSN-1 Servo Emergency system

TSN-1 Servo Emergency system is suitable for all Funki ventilation systems.

TSN-1 is a modern controller to control the Linak actuators. The controller will adjust a damper with an actuator into a position according to the input voltage 0 - 10V. This voltage could come from PigCenter/PigMaster or another temperature regulator.

The position of the dampers is determined by the input voltage, measured reference position and max. and min. adjusted inside the controller. The Linak actuator is available in two types, the LA 12 or LA 32.

LA 12 is a quick servo with a current limit of 1,4 Amp. The LA 32 is a slow-running servo with larger moment and a current limit of approx 4 Amp.

- Emergency opening of built-in battery and charging circuit. Automatic stop at maximum opening also on battery-backup.
- Indication of operation mode including fault connection and current limits.
- The battery monitor will indicate by sound and light that the battery needs to be changed (approx 5 years).
- Option for slave operation, ON/OFF function from external controller determines the open/close function.
- Automatic detection of disconnected control signal, opens if the wires are disconnected.
- T41 thermostat in series with supply 230V will ensure emergency opening in case of disconnection.

Linak LA 12P

For dampers in exhausts or for Funki Star diffusors.

Linak LA 32P

For wall inlets or Funki Star diffusors.

EMC tested - CE labeled.



Functions

TSN1 97

- 220V Mains Voltage
- 24V Output (Linak)
- 0 - 10V Control voltage
- 12V Battery-backup
- Buzzer in the event of low Battery Voltage



Functions

Linak LA 12P

- 24V Mains Voltage
- Protected from overload
- Stroke: 100 mm
- Tractive Power: 500 N
- Power Consumption 1,5 amp.



Functions

Linak LA 32P

- 24V Mains Voltage
- Protected from Overload
- Stroke: 330 mm
- Tractive Power: 4000 N
- Power Consumption 4,0 amp.