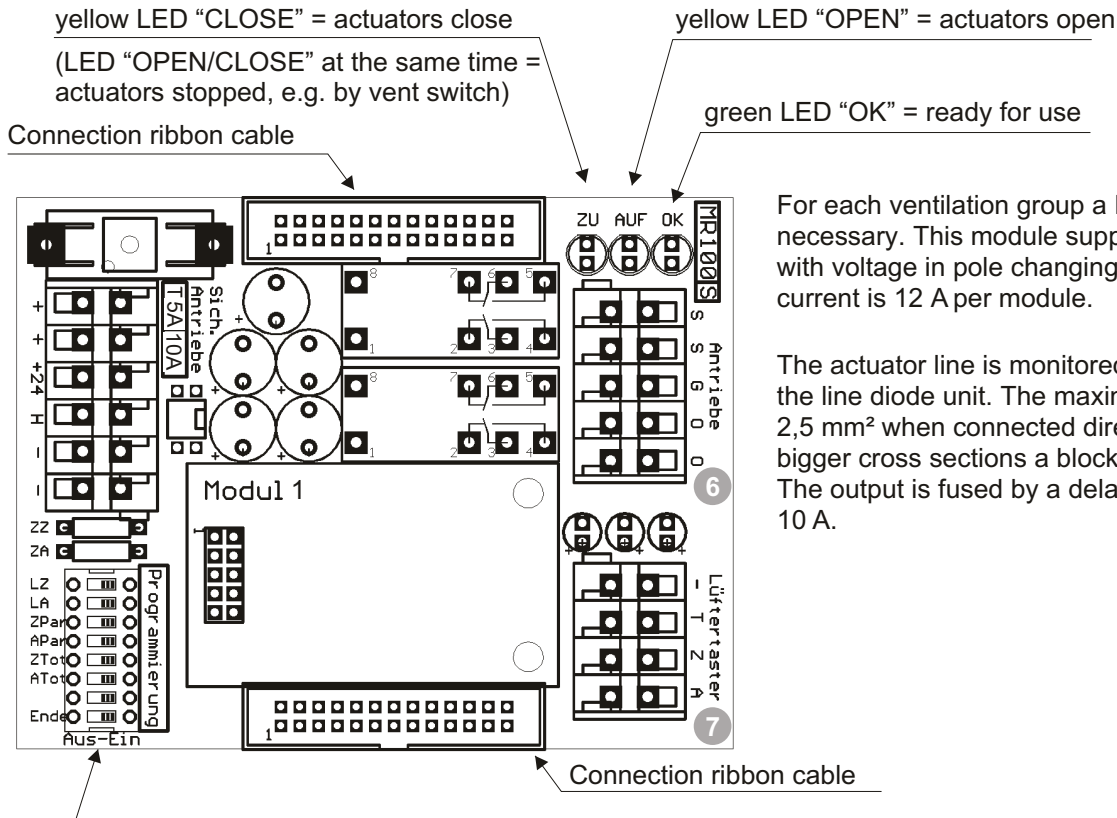


Ventilation group module, type ES-MR-100



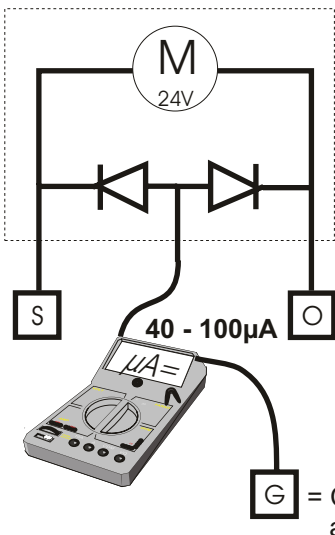
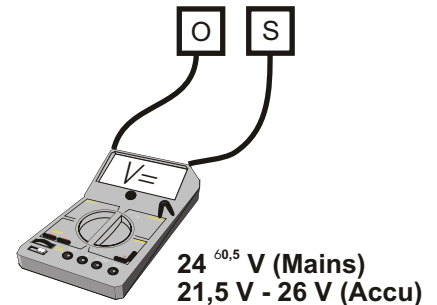
DIP-switches (adjustment samples)

	OFF	ON	
LZ			Central vent command in closing direction is active for this vent group.
LA			Central vent command in opening direction is active for this vent group.
Z PAR			Parallel connection of this vent group module in closing direction to the foregoing vent group
A PAR			Parallel connection of this vent group module in opening direction to the foregoing vent group
Z TOT			Dead man operation for vent function in "close" switched off.
A TOT			Dead man operation for vent function in "open" switched off.
			Switch not used
END			Closes the monitoring loop and consequently the collective failure indication of the SHEV group (must be in "EIN" position at the last vent module). All groups between must be switched off.

Connection Ventilation group module, type ES-MR-100

6 | | | | | | |---|---|---|---|---| | S | S | G | O | O | |---|---|---|---|---| Connection for actuators

Actuator output, 24 Volt DC, max. 12 A
per ES-MR-100 Short time operation. Please don't forget to install the fuses!
Triggered or not installed fuses are indicated as failure!
Attention !! Only delayed-action fuses may be applied.



6

Polarity changes between "S" and "O" in case of open or close. At switching position "OPEN" "S" has plus and "O" has minus potential. At "G" the monitoring loop is connected. If the actuator lines are without failure you can measure a closed current in the line "G" of 40 - 100µA

The enclosed diodeblock must be installed at the last connection point as shown in the connection diagram. If there is a failure at the line, in the main station will appear a failure indication! **Attention!!** If the diode block is installed in the control panel there will be no failure indication but the actuator lines will not be monitored!

Notice: Do not connect contact "F" of the actuator with "G" in the control panel. This would cause a short circuit at the actuator lines.

7 | | | | |---|---|---| | T | Z | A | |---|---|---| Terminal for vent switch

The terminal for the vent switch supplies a plus potential at "T" when wind/rain detector and SHEV have not been triggered and if there has been no mains failure. Switching the potential at "Z" or "A" causes a "close" or "open" function of the connected actuators. If both terminals were connected with "T" the actuators would stop and all position indications would go out!

Fuses

Fuse actuator: 5 or 10 A delayed-action (at vent group module)
Attention!! Only use delayed-action fuses.

Triggering resp. a lack of this fuse is indicated as a failure
(at the specific modules of the electrical control panel and in the main station.)

