

Supplementary Operating Instructions for Air Curtain Equipment

DST 2 Controller Unit

Translation of the original

Serial Number:

Year: _____

In case of contact please quote this number to
customer services.



Operating Instructions DST 2

The controller unit DST 2 is a 2-stage speed controller that enables the air capacity to be adjusted according to different weather conditions.

- switch for on/off and different stages
- plastic surface-mounted housing



Please also note the safety instructions in the main operating manual of the air curtain!

Only sufficiently trained persons who satisfy the requirements of the main operating instructions are allowed to work on the air curtain. The main power supply must be disconnected before starting all work.



Indicating lamps on the controller unit

■ Status signal lamp

This indicating lamp signals the operating status of the system, i.e. the motors are supplied with voltage by the speed controller and the system runs at the selected stage.

Terminals of the air curtain system

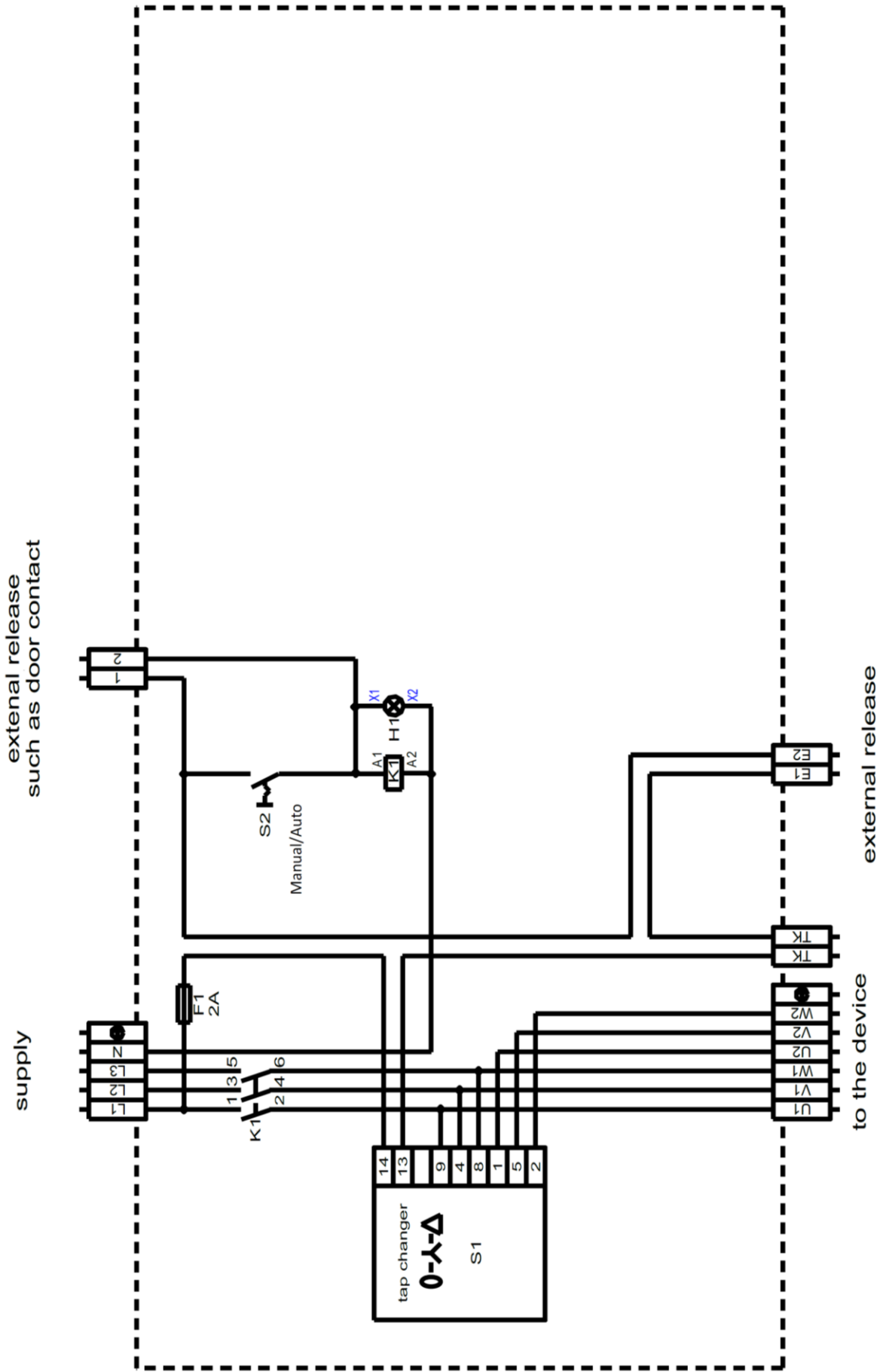
- Terminals U1, V1, W1, U2, V2, W2, PE:
Supply voltage of the motors, to be connected with terminals U1, V1, W1, U2, V2, W2, PE of the speed controller.
- Terminals T, T:
Thermal contacts of the motors, to be connected with terminals TK, TK of the speed controller.

Terminals in speed controller DST 2

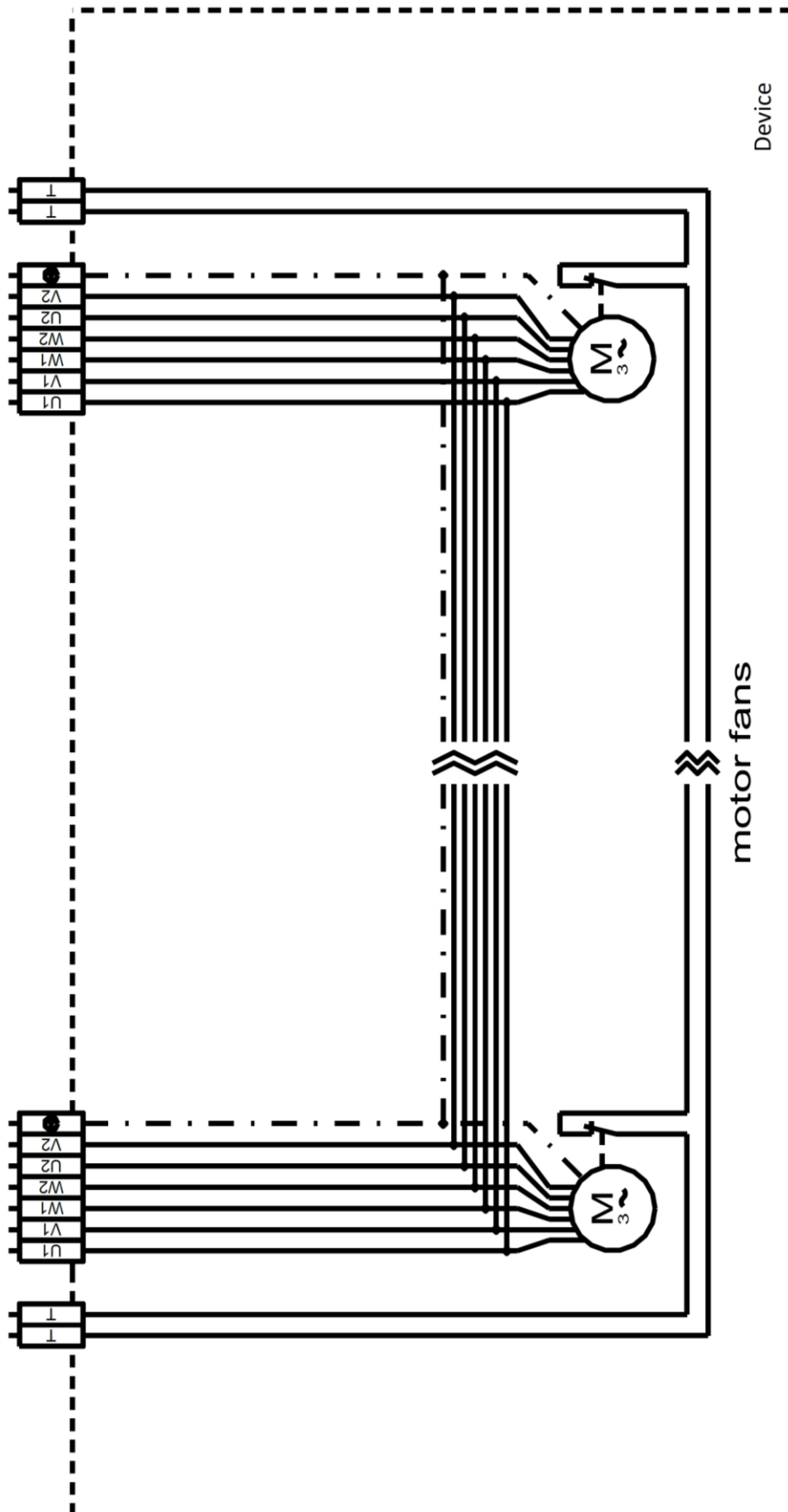
- Terminals L1, L2, L3, N, PE:
Connection for supply voltage, to be connected with sub-distribution with separate fusing.
- Terminals U1, V1, W1, U2, V2, W2, PE:
Outgoing line of supply voltage for motors, to be connected with terminals U1, V1, W1, U2, V2, W2, PE of the air curtain system.
- Terminals TK, TK:
Input of thermal contacts of motors, to be connected with terminals T, T of the air curtain system.
- Terminal 1, 2:
Input of potential-free external automatic contact, e.g. door-contact, clock, room thermostat, etc.
- Terminal E1, E2:
Input of potential free external release.
The external release switches the air curtain free for stand-by.

- Safety functions:
The safety functions are safeguarded at all times, irrespective of the operating mode of the system.
- Switch for on/off and different stages:
On/off-switch, switch for 2 different stages, adjustable according to different situations and weather conditions.
- Switch for manual/automatic operating mode:
In manual operating mode the motors operate permanently in the selected stage, the stage can be selected using the switch for different stages.

In automatic operating mode the motors operate in the selected stage only if the external contact (e.g. door contact), terminal 1, 2 is closed. The stage can be selected using the switch for different stages.



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Notes:

www.teddington.de

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