

# STA

Current transformer output



### Characteristics

- Easy installation
- Pin assignment is retained
- Current transformer output (1A)
- Effective value display

The converter board STA is designed as replacement for the voltage adjuster SRS, pin compatible refitting of the heating control system from actuator to contactor operation by replacing the board.

Pin assignment is retained
Power indicator and current transformer output (1 A) for further processing e.g. as open circuit monitoring in the TRB-P-Ex..
„Rewiring“ via the circuit board for contactor control.

### BASIC EQUIPMENT

-Current transformer output (VDE 0551)
- Effective value display by use of analogue iron vane ampere meter
- Optionally 25/1A, 15/1A or 6/1A
- Connector strip according to DIN 41612 (Mixed socket)
- Pin compatible to constant voltage adjuster type SRS -220/25N
(See operating manual SRS)

### TECHNICAL DATA

Nominal voltage	230 V -500 V~
Nominal current max.	25 A / 15 A / 6 A
Current transformer output	0 - 1 A; R <sub>i</sub> ...1,5Ω
Multipoint connector	DIN 41612 Form H/F (Mixed socket pin compatibke to SRS)
Dimensions euro board	100 x 160 mm
Temperature range	0 - 55 °C
Front panel	Aluminium 14TE; 3 HE

### PIN COMPATIBILITY

The constant voltage adjuster SRS-220/25N and the converter board STA-500/25N are 100% interchangeable without changing the wiring. By using our compatible power plugs, for the first time the retrofitting of a heating control system from actuator to contactor and reverse,, only by exchanging a 19" board, is practicable.

(See also data sheet for SRS -220/25N)

### TYPE CODE

STA 

	/	
1		2

<b>1</b>	500	Nominal voltage 230 V- 500 V
<b>2</b>	6	Measuring range of display (A) 6
	15	Measuring range of display (A) 15
	25	Measuring range of display (A) 25

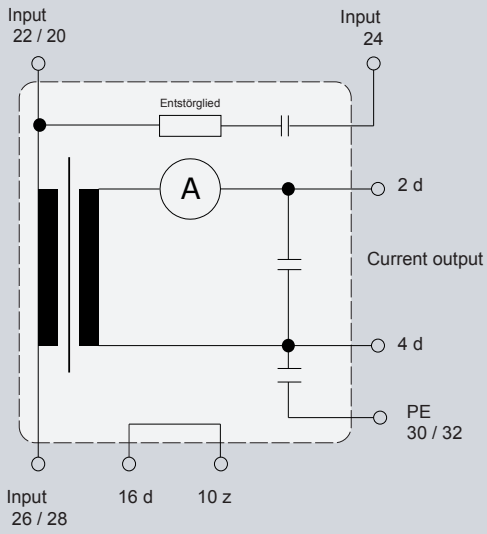
Example:

Measuring range of display 6, Nominal voltage 230 V

STA 

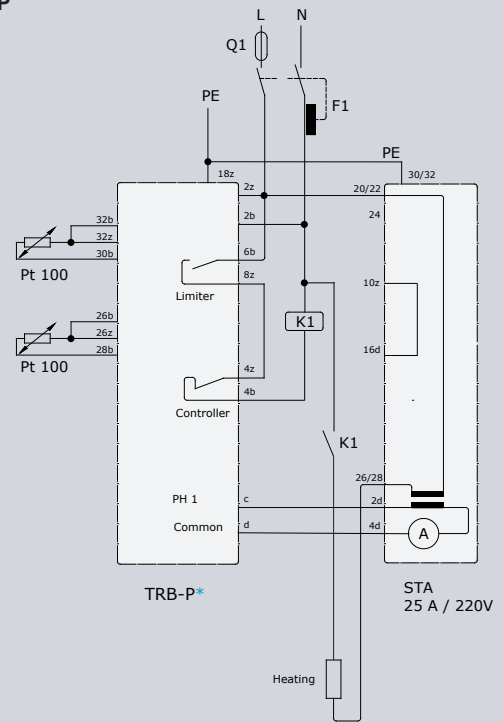
500	/	6
1		2

## 6.0 CONNECTION DIAGRAM STA

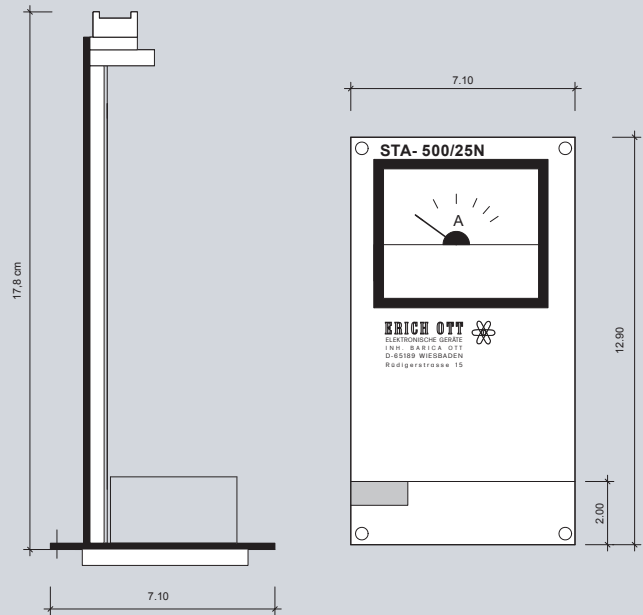


## 7.0 CIRCUIT DIAGRAM STA WITH TRB-P

**STA with TRB-P**  
contact control



## 8.0 DIMENSIONS STA



Please take further information from the operating instructions.  
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