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ELSTEIN

IRE- 070.40E



ACCESSORIES

1) ELSTEIN TRD 1 TEMPERATURE CONTROLLER

Type:	two point controller with PID performance
No. of switching units:	max. 6 TSE per controller
Temperature sensor:	NiCr-Ni + 16 further types
Control range:	up to 1100 °C
Setpoint setting:	in 1 °C steps, 4 setpoint values, distant access
Outputs:	2 x 0/12 V DC bi-stable load max. 30 mA and 2 relay outputs
Supply voltage:	95 V - 263 V, 48/63 Hz
Measuring circ. monit.:	outputs are switched off in case of break of sensor
Perm. ambient temp.:	0 - 55 °C
Perm. air humidity:	< 90%
Setpoint value display:	LCD 14.0 mm, green
Actual value display:	LCD 19.7 mm, red
Degree of protection:	front side IP 65, rear side IP 20
Connections:	screwed terminals
Installed position:	any
Dimensions:	DIN format 96 x 96 mm

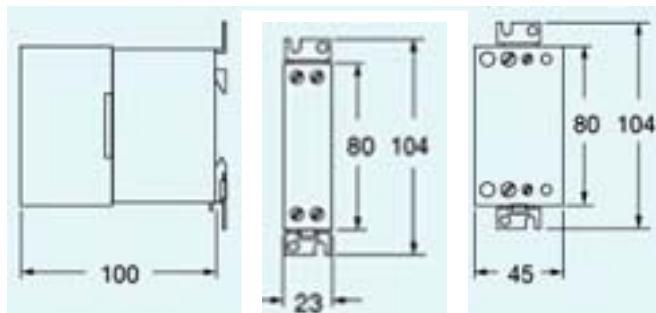


2) ELSTEIN TSE THYRISTOR SWITCHING UNITS

TSE 40 A, max. 40 A = 9.2 kW at 230 V

TSE 20 A, max. 20 A = 4.6 kW at 230 V

The thyristor switching units must be protected against short circuits with super-agile fuses.

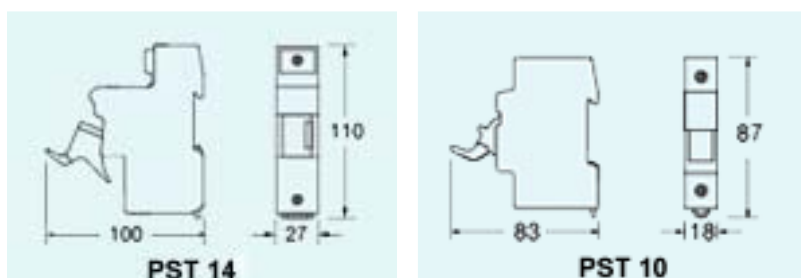


3) ELSTEIN PST FUSE HOLDER

Elstein PST 14 fuse holder for URG 50

Elstein PST 10 fuse holder for URG 20

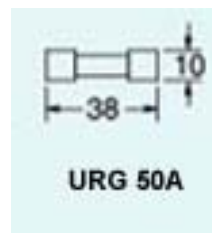
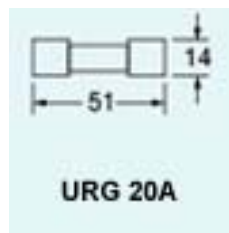
The fuse holders can be clipped onto 35-mm standard rails and make a disconnection from the voltage possible according to the technical rules for safety. When changing the fuses, the front lever only has to be pressed down to expose the fuse shaft.



4) ELSTEIN URG FUSE FOR TSE

Elstein URG 50 A fuse for TSE 40 A
Elstein URG 20 A fuse for TSE 20 A

The super-agile fuses are used to protect the thyristor switching units against short circuits.
Conventional fuses are unsuitable.



WIRING ACCESSORIES

5) ELSTEIN AK TERMINAL CLAMP

bipolar, consisting of steatite socket and stainless steel metal parts for cables with a maximum wire cross-section of 2.5 mm².

6) ELSTEIN NICKEL WIRE

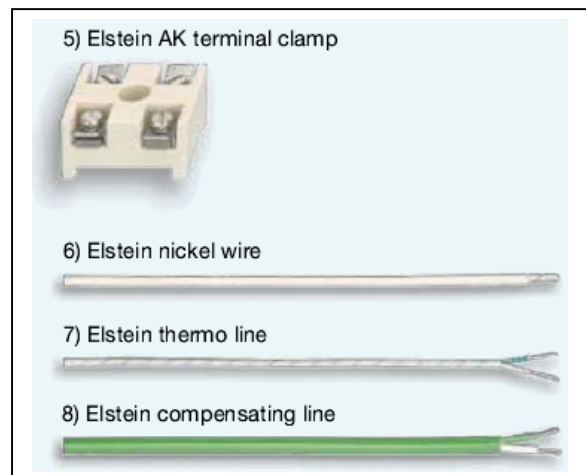
stranded, max. 500 °C, max. 11 A, single core, 2.5 mm² wire diameter, for the electrical connection of the ceramic infrared radiators.

7) ELSTEIN THERMO LINE

NiCr-Ni, max. 400 °C, for connecting the thermocouple integrated in the thermocouple radiator with the temperature controller.

8) ELSTEIN COMPENSATING LINE

stranded, NiCr-Ni, max. 100 °C, for extending the connection thermocouple- controller outside the IR radiation area.



9) ELSTEIN MOUNTING SET

All ceramic infrared radiators, which have a standard Elstein socket are fixed to the reflector or mounting sheet with the help of the mounting set.

The mounting set includes a wave mounting spring and a slide, both made from stainless steel.

The scope of delivery of the radiators with a standard Elstein socket includes one mounting set for each radiator.

