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ELSTEIN

IRE- 070.27E



ISN ROD RADIATOR

Elstein ISN rod radiators are ceramic infrared radiators, designed for surface ratings up to 72 kW/m² and operating temperatures of up to 750 °C.

Within the product group of the ceramic infrared rod radiators only the radiators of the ISN series have the Elstein standard socket. The Elstein standard socket makes a simple fixing to the mounting sheet possible. If required an exchange against other Elstein radiator types with standard socket is possible.

The rod shaped design makes ISN series radiators preferably suitable for linear heating tasks.

Elstein ISN rod radiators are available in two designs and cover the power range from 400 W to 600 W.



Type, weight, wattage 230 v	ISN Ø16 x 245 mm 120	400	600	W
	ISN/2 Ø16 x 122 mm. 75 g	200	300	W
Surface rating		48,0	72,0	KW/ m ²
Typical operating temperature		550	650	°C
Maximum permissible temperature		750	750	°C
Wavelength range		2 - 10		µm

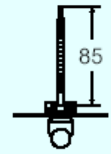
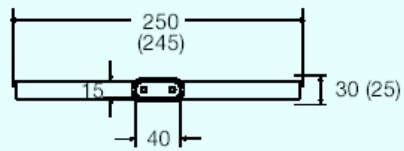
Standard design	Thermocouple radiators	Variants
Operating voltage 230 V White glaze Leads 85 mm Elstein standard socket Mounting set	Designation T-ISN, T-ISN/2 Integrated thermocouple Type K (NiCr-Ni) TC leads 100 mm	Special wattages Special voltages Extended leads Leads with ring terminals

The power can be controlled using thermocouple radiators together with TRD 1 temperature controllers, TSE thyristor switching units and other accessories.
For building IR radiation areas with ISN series radiators the Elstein REO reflectors, REF construction sets, and EBF construction elements are suitable.

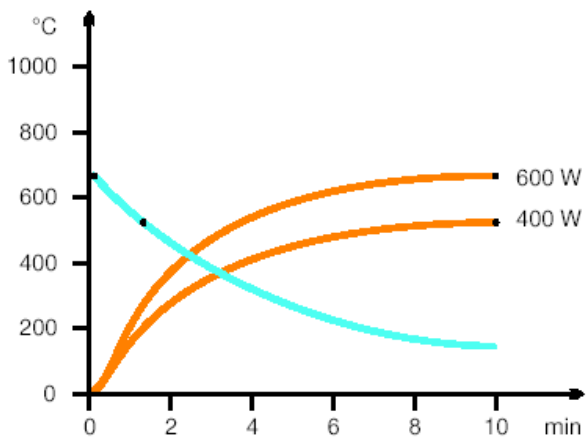
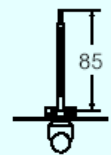
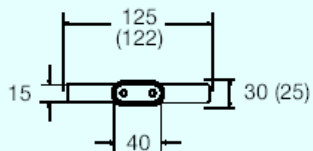
The national safety regulations must be complied with for the respective application, for example, the IEC or EN standard 60519-1, Safety in electrical heating installations.
Our instructions for mounting, operation and safety must be observed.

ISN Mounting dimensions and radiator dimensions () in mm

ISN

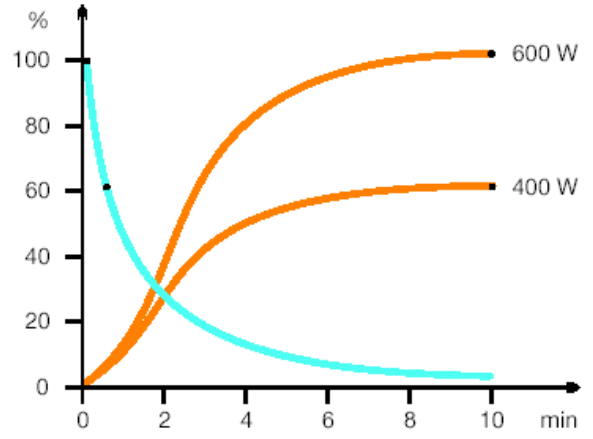


ISN/2



Radiator temperatures

Heating-up: red curves
Cooling-down: blue curve



Radiant powers

Heating-up: red curves
Cooling-down: blue curve