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ELSTEIN

IRE- 070.26E



## IRS/K ROD RADIATOR

Elstein IRS/K rod radiators are ceramic infrared radiators, which are available in different lengths of up to 300 mm and surface ratings of up to 75 kW/m<sup>2</sup>

Unlike the IRS series radiators, which have the leads running through the mounting sockets on each side, the leads of IRS/K series lie only on one side .

Thus IRS/K radiators make the heating of the interior of hollow bodies like tubes or bottles possible.

Linear heating tasks that need one-sided leads can be solved, too.If required IRS/K rod radiators are available with double sided leads.

Elstein IRS/K rod radiators cover the power range from 125 W to 750 W.



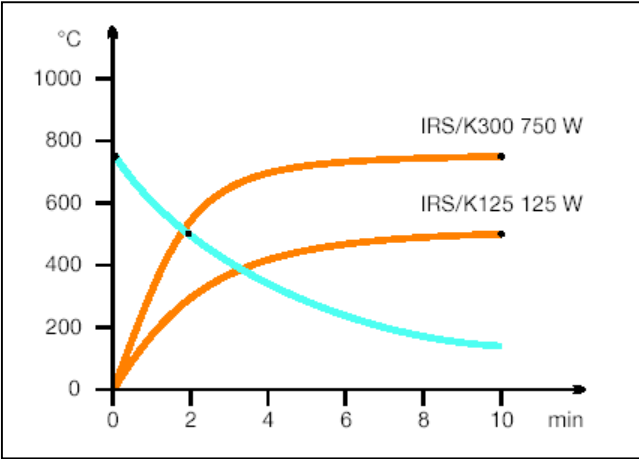
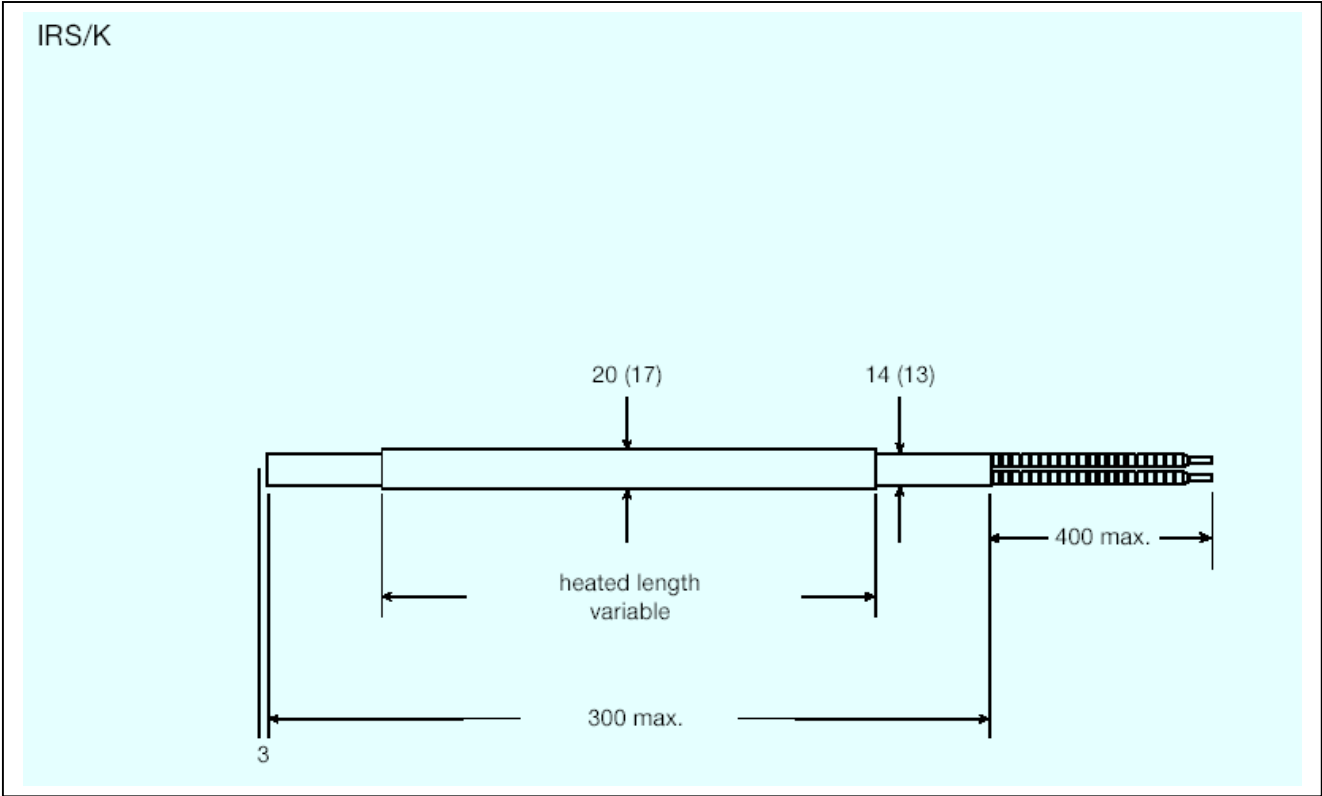
Type, weight, wattage 230 v	IRS/K	300 mm	100 g	300	a	750	W
	IRS/K	125 mm	40 g	125	a	300	W
Surface rating				30,0	a	75,0	KW/ m <sup>2</sup>
Typical operating temperature				400	a	700	°C
Maximum permissible temperature				750		750	°C
Wavelength range				2 - 10			µm

Standard design	Thermocouple radiators	Variants
Operating voltage 230 V White glaze Single sided leads Leads up to 400 mm Rod heated completely or partly	Designation T-IRS/**K Integrated thermocouple Type K (NiCr-Ni) TC leads up to 400 mm *** Length specification (e. g. T-IRS/125 K 300 W 230 V)	Special lengths Special wattages Special voltages Extended leads Double sided 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.

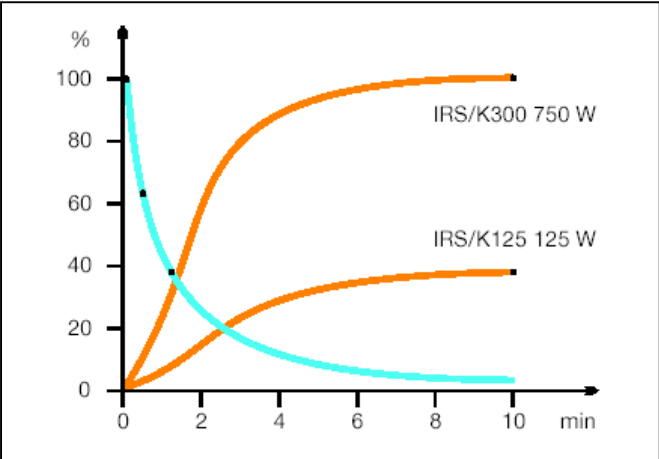
The national safety regulations must be complied with for the respective application, for example, the IEC or EN standard 60519-1, Safety in electrical heating installations.  
Our instructions for mounting, operation and safety must be observed.

IRS / K MOUNTING DIMENSIONS AND RADIATOR DIMENSIONS ( ) IN MM



**Radiator temperatures**

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



**Radiant powers**

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