

Rittal – Enclosure heaters



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Enclosure heaters

Efficiency by design



Energy-efficient PTC technology and design optimisation on the basis of **computational fluid dynamics (CFD)** permit improved heating outputs from units of the same size compared to the previous product versions. New features such as the **double quick-fit terminals** and **quick-assembly system** save time and unnecessary costs.



Without fan, continuous thermal output 10 – 150 W

Model No. SK	3105.310	3105.320	3105.330	3105.340	3105.350	3105.360	3105.370
Dimensions mm	W 45 H 120 D 46	45 120 46	64 155 56	64 155 56	64 230 56	90 165 75	90 180 75
Rated operating voltage Volt, Hz	110 – 240 V, 50/60 Hz						
Continuous thermal output at $T_u = 10^\circ\text{C}$	8 – 10 W	18 – 20 W	23 – 30 W	49 – 50 W	63 – 75 W	86 – 100 W	130 – 150 W
Pre-fuse T	2 A		4 A				
Accessories	Packs of						SK (hardcover), page
Thermostat	1	3110.000					178
Hygostat	1	3118.000					178
Temperature indicator/controller	1	3114.200					–

Special voltages available on request. We reserve the right to make technical modifications.

With fan, continuous thermal output 250 – 800 W

Model No. SK 110 V		3105.210	3105.220	3105.230	
Model No. SK 230 V		3105.180	3105.190	3105.200	
Dimensions mm	W	142	142	142	
	H	170	170	170	
	D	101	101	101	
Rated operating voltage Volt, Hz		110 or 230 V, 50/60 Hz			
Continuous thermal output at T _u = 10°C		250 W ¹⁾	400 W ¹⁾	800 W ¹⁾	
Pre-fuse gG for 110 V		4 A	6 A	10 A	
Pre-fuse gG for 230 V		4 A	6 A	6 A	
Accessories		Packs of			SK (hardcover), page
Thermostat		1	3110.000		178
Hygostat		1	3118.000		178
Temperature indicator/controller		1	3114.200		–

¹⁾ Output with fan.

Special voltages available on request. We reserve the right to make technical modifications.

Supply includes:

PTC heater with quick-fit terminal and assembly parts.

Note:

- Thermostat SK 3110.000 (see accessories) is recommended for precise temperature control in the enclosure.
- In order to prevent condensation on assemblies, hygostat SK 3118.000 (see accessories) is recommended to regulate heating.

- In larger enclosures, even heat distribution is best achieved by installing several low-output heaters.
- The installation of heaters is generally advisable, even when using heat exchangers and cooling units, in order to prevent condensation.



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