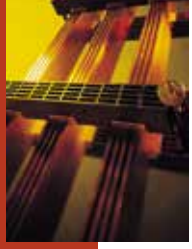

Heating resistors

Thermal regulation

res_007

Fan ventilation

res_008

Natural ventilation - Class II

res_001

Natural ventilation

The solution for

> Power distribution

Strong points

> Compact design
> Long service life
> Maintenance-free
> Rapid fixing

Conformity to standards

> EN 55014
> EN 50082-1
> EN 60335-1

Function

The heating resistor is designed to maintain the enclosure temperature above the dew point.

Models

- Natural ventilation.
- Natural ventilation - Class II.
- Fan ventilation.

Range

- Heating power from 15 to 400 W.

General characteristics

- Terminal connections.

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References

Heating power (W)[1]	Natural ventilation Reference	Natural ventilation Class II Reference	Fan ventilation Reference
15	5190 **0041**		
30	5190 **0042**		
45	5190 **0043**		
50		5190 **0143**	
75	5190 **0044**		
100		5190 **0144**	
150		5190 **0145**	
250			5190 **0146**
400			5190 **0147**

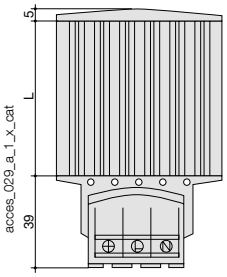
(1) For an ambient air temperature of 20°C.

Characteristics

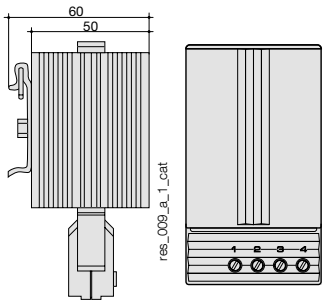
	Natural ventilation / Natural ventilation - Class II								Fan ventilation	
Heating power (W)	**15**	**30**	**45**	**50**	**75**	**100**	**150**	**150**	**250**	**400**
Air flow (m^3/h)									45	45
Power supply voltage (VAC)	110…265	110…265	110…265	110…265	110…265	110…265	110…265	110…265	230	230
Frequency (Hz)	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Startup current (A)	1.5	3	3.5	2.5	4	4.5	9	8		
External IP	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Protection class	Class I	Class I	Class I	Class II	Class I	Class II	Class I	Class II	Class I	Class I
Figure	1	1	1	2	1	2	1	2	3	3
Length L (mm)	65	65	65	110	140	110	220	150	182	222
Connection cross-section (mm^2)	0.5…2.5	0.5…2.5	0.5…2.5	0.5…2.5	0.5…2.5	0.5…2.5	0.5…2.5	0.5…2.5	1.5	1.5

Dimensions

Natural ventilation



Natural ventilation - protected against direct contact



Fan ventilation