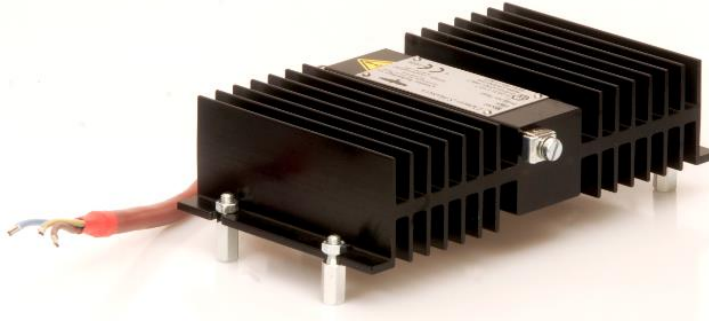




Condor Technology Ltd.

DATASHEET: ELECTRICAL SPACE HEATER - MODEL LP-(*)AF



1 Application

Space-heaters for Hazardous locations, designed for

- Freeze protection
- Anti-condensation
- Temperature maintenance

2 Features and Advantages

- Self-limiting heating elements
- Small dimensions
- No moving parts, no maintenance required, therefore long lifetime
- Suitable for T4 and T3 classifications
- Can be used for 110 / 240 VAC/DC

3 Description

All Cameo Space-heaters are designed around self-limiting heating elements. These self-limiting semi-conductor elements are saving power consumption. Our Cameo Space-heaters are designed to heat the air inside an enclosure and indirectly the installed equipment. If properly selected for freeze protection, no thermostat will be needed.

When required in other applications, e.g. analyzers, it is normal practice to use our Space-heaters in combination with our Fix-Therm96 thermostats (range from 10°C up to 135°C).

Do not cover the fins to guarantee free convection.



4 Range

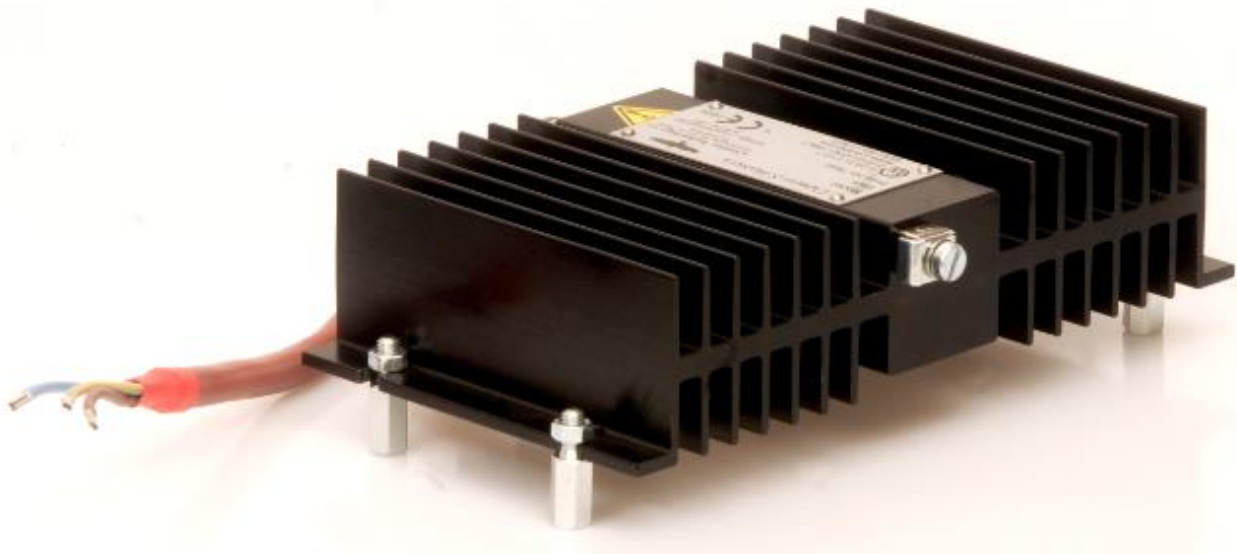
LP-1AF	T3	ca. 115 °C Surface temperature	100-10 Watt
LP-2AF	T4	ca. 105 °C Surface temperature	100-10 Watt
LP-3AF	T4	ca. 90 °C Surface temperature	100-10 Watt
LP-4AF	T4	ca. 70 °C Surface temperature	100-10 Watt

* these temperatures are measured at 20 °C ambient temperature.

5 Technical data

Power	:	100-10 Watt
Electrical cable	:	3 x 1 sqmm, braided std.
Material cable	:	Braided silicone (standard), non-braided optional
Standard length	:	ca. 1 mtr. Other lengths optional
Overall dimensions	:	164 x 100 x 60 mm (LxWxH)
Weight	:	Aluminium heater ca. 886 g
Material	:	Black anodized aluminium (A)
Protection class	:	II2G Ex d IIC T4 or T3
	:	II2D Ex tD A21 IP66 T 135 °C or T 200 °C
Certification	:	KEMA 01ATEX2124X and IECEx DEK 11.0017
IP degree	:	IP 66
Voltage AC/DC	:	110/240
Ambient temp. range	:	- 60 °C ... + 90 °C

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