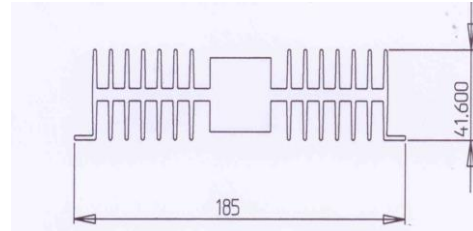




Condor Technology Ltd.

DATASHEET: ELECTRICAL SPACE HEATER - MODEL SP-(*)A



1 Application

Space-heaters for Hazardous locations are designed for

- Freeze protection
- Anti-condensation
- Temperature maintenance

2 Features and Advantages

- Self-limiting heating elements
- Small dimensions
- No maintenance required, no moving parts: 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 semiconductor 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)



or our FixTherm Inline Thermostat (range from 10°C up to 60°C).

Do not cover the fins to guarantee free convection.

4 Range

SP-1A	T3	ca. 115°C Surface temperature	250-25 Watt
SP-2A	T4	ca. 105°C Surface temperature	250-25 Watt
SP-3A	T4	ca. 90°C Surface temperature	250-25 Watt
SP-4A	T4	ca. 70°C Surface temperature	250-25 Watt
High power model:			
SP-0AHP	T3	ca. 130°C Surface temperature	500-50 Watt

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

5 Technical data

Power consumption	:	250-25 Watt or 500-50 Watt
Electrical cable	:	3 x 1 sqmm
Material cable	:	braided silicone (standard), non-braided optional
Standard length	:	ca. 1 mtr. other lengths optional, on request
Other lengths	:	to be specified
Overall dimensions	:	165 x 185 x 41,6 mm (LxWxH)
Weight	:	ca. 1600 g.
Material	:	black anodized aluminium
EX protection class	:	II2G Ex d IIC T3 or T4 : II2D Ex tD A21 IP66 T 135 °C or T200 °C
Certification	:	KEMA 01ATEX2124X and IECEx DEK 11.0017
Protect degree	:	IP 66
Voltage AC/DC	:	110/240
Ambient temp. range	:	- 60°C+ 90°C

