



SAN-SMLP Ex Heater Electrical Smart Heater for Space Heating

Application

Space-heaters for Hazardous locations, this compact model is designed for

- Anticondensation
- Freeze protection
- Temperature maintenance
- Small spaces

Features and Advantages

- Certified to meet the requirements of the ATEX Directive 94/9/EC, Gost and IECEx.
- 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

Description

All SMART Space-heaters are designed around self-limiting heating elements. These semi-conductor elements are saving power consumption.

Our SMART 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.

In other situations, if the equipment may not exceed a maximum temperature value, you can add our Fix-Therm96 thermostat as a maximum temperature protection, in the system.

When required in other applications, e.g. analyzers, it is normal practice to use our SMART Space-heaters in combination with our FixTherm96 thermostats (range from 10°C up to 135°C).

Do not cover the fins to guarantee free convection..

Range

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

High power model:

SMLP-0AHP	T3	ca. 130°C Surface temperature	200-20 Watt
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* these temperatures are measured at 20 °C ambient temperature.



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Technical data

Power consumption	:	100-10 Watt or 200-20 Watt
Electrical cable	:	3 x 1 sqmm
Material cable	:	braided silicone, optional: non-braided cable
Standard length	:	ca. 1 mtr. Other lengths optional, on request
Weight	:	ca. 350 g.
Overall dimensions	:	100 x 54 x 54 mm (LxWxH)
Material	:	black anodized aluminium
EX protection class	:	II 2G Ex d IIC T4 or T3 : II 2D Ex tD A21 IP66 T 135°C or T200 °C
Certification	:	KEMA 01ATEX2124X and IECEx DEK 11.0017
Protect degree	:	IP 66
Voltage	:	110/240 VAC/DC
Ambient temp. range	:	- 60°C ... + 90°C