



FXS Block Heaters

The FXS self-regulating block heaters provide a bespoke solution tailored to suit your requirements. Unlike fixed duty heaters, the FXS does not require a thermostat to operate safely due to their inbuilt ability to reduce the output as the temperature increases. They can operate in ambient temperatures as high as 130°C (T4) or 180°C (T3) and down to -60°C.

The FXS range is certified for use in hazardous areas where the atmosphere is classified as Zone 1 or 2 (Gas groups IIA, IIB, IIC) and Zone 21 or 22 (Dust groups IIIA, IIIB, IIIC).

Block heaters offer a superior alternative to trace heating when either the size of the part being heated or installation time needs to be considered.

When bolted directly to a metal-based product (an aluminium housing for instance) the self-regulating properties of the FXS Block heater are enhanced, as the part being directly mounted on to acts as a heatsink, and draws the energy from the element far quicker than if left in air.

Trace heating may require several meters of cable to achieve the required duty, which will also need careful installation, securing, and splicing to ensure the protection offered by the cable's approval is maintained. With the FXS Block heater, you simply bolt the unit to your intended surface, and connect the supply cable in an appropriate way.

Certification	<p>ATEX</p> <p>Ⓔ II 2 G D Ex db IIC T4 to T3 Db Ex tb IIIC T135°C to T200°C Db</p> <p>IECEX</p> <p>Ex db IIC T4 to T3 Gb Ex tb IIIC T135°C to T200°C Db</p>
Voltage	100 to 140VAC or 200 to 265VAC
Output	Up to 1000W (subject to design, mounting and ambient conditions)
Ambient	-60 to +130°C: T4 heaters -60 to +180°C: T3 heaters
T Class	T4 (135°C) or T3 (200°C)
Mounting	Directly bolted
Cabling	3m standard (up to 10m available on request)
IP Rating	IP66 / IP68

FEATURES

- Hard anodised aluminium housing suitable for onshore and offshore applications
- Can be directly mounted to the component that requires heating
- Compact and efficient
- Suitable for ambient temperatures as low as -60°C and up to +180°C
- Available in T3 and T4 temperature classes

