



# MicroCAS

Supervision Relay



**motralec**

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX

Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48

Demande de prix / e-mail : [service-commercial@motralec.com](mailto:service-commercial@motralec.com)

[www.motralec.com](http://www.motralec.com)

Flygt



ITT Industries

# TECHNICAL DATA

The MicroCAS is an electro-mechanical supervision relay intended for monitoring the stator temperature in Flygt sewage pumps.

The thermal contacts mounted inside the stator winding are connected to the MicroCAS. If the temperature

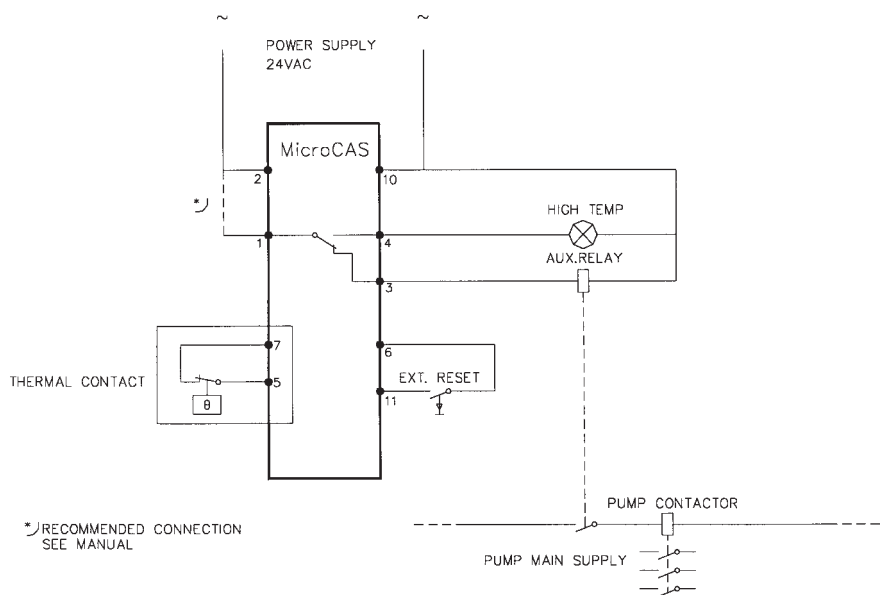
should exceed the limit value set for the thermal contacts, the built-in interlock relay will change over, and the red alarm LED will light up at the same time. The interlock relay will stop the pump.

**N.B.** The MicroCAS is not interchangeable with the MiniCAS II without electrical reconnection of the 11-pole base. See the wiring diagram on the side of the relevant product.

**Caution: Isolate the power supply before carrying out work on the MicroCAS. The relay base may be live at 250 V AC.**

**\* Note:**

Avoid inadvertent starting of the pump: In the event of an alarm (thermal contacts open) and inadvertent loss of power supply (24 V AC), the alarm interlock will open (the pump will start) if there are different voltages at the power supply (10-2/24 V AC) and at the alarm relay output (1-4-3/220 V AC). It is therefore recommended that a common source of power supply (24 V AC) should be used for the power supply (2-10) and the auxiliary relay (1-3-4).



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