# **INT69 V® Motor Protector**









#### **Application:**

The KRIWAN INT69 V motor protector has been developed for electrical drives which should lock out after a thermal trip and must be reset electri-

#### **Functional description:**

Up to nine PTC sensors (acc. to DIN 44081/082), also with different nominal trip temperatures, can be connected to the measuring circuit input INT69 V. This means that one INT69 V motor protector can thermally monitor a number of measuring on a compressor (discharge gas motor windings, oil sump etc).

If the temperature in one of the parts or sections being monitored rises above the nominal trip temperature of the respective PTC sensor, this becomes

The unit must be connected by trained electrical personnel. All valid standards for connecting electrical equip-

### **Technical Data**

Supply voltage AC 50/60Hz 230V ±10% 3VA Ambient temperature range -30...+70°C Measuring circuit - Type PTC, acc. to DIN 44081/082 - Number of sensors 1...9 in series, < 1,8kΩ - R<sub>25, total</sub> AC 250V, max. 6A, 300VA ind. Relay approx. 1 million switch. cycles Service life ISO-Housing Polystyrol IP54 Protection class acc. to EN 60529 Mounting screw-mounted Dimensions 105 x 88 x 53mm Weiaht approx. 250g Part-No. 52 A 118

Other supply voltages on request

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cally. Suitable for wall mounting, splash-proof in an insulated housing with a cable entry fitting.

high resistive and the INT69 V switches the motor contactor off. It can only be restarted after cooling down if the electronic lock out is deactivated by interrupting the supply voltage.

The relay switch output is designed as a potential free change-over contact. This switching circuit functions according to the closed-circuit principle, i.e. the relay drops back to rest position also in case of sensor or cable failure and shuts off.

ment must be observed. Limit values for the supply voltage of the unit may not be exceeded.

Subject to technical modifications without notice