

INT69®

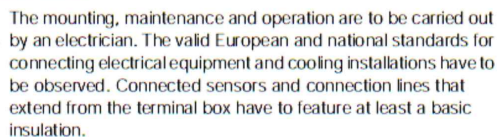
Motor protection based on PTC sensors is one of the most effective and reliable protective measures against thermal overload in electrical machines. The protection unit is composed of the INT69 motor protector and the PTC sensors. Due to its compact construction, the INT69 is suitable for installation in electrical devices or in the terminal boxes of electrical machines.

At the measuring circuit input of the INT69, it is possible to connect up to nine DIN 44081, DIN 44082 conform PTC sensors. Sensors with different nominal response temperatures may be used. Thus it is possible to monitor several measuring points with only one INT69 motor protector.

The device switches itself on again after cooling back down.

The relay's switching output is a potential-free changeover contact. This circuit works in accordance with the closed-circuit principle, i.e. even in the event of a sensor or cable break, the relay returns to its rest position and switches off.

The sensor, relay and supply current circuits are galvanically isolated from each other.



See back side for further specifications

INT69® Motor protector

Technical specifications

Supply voltage	AC 50/60Hz 115/120V-230/240V ±10% 3VA
Permitted ambient temperature	-30...+70°C
Temperature measuring circuits	
- Type	1-9 PTC sensors acc. to DIN 44081, DIN 44082 in series
- $R_{25, total}$	<1.8kΩ
- R_{trip}	4.5kΩ ±20%
- R_{reset}	2.75kΩ ±20%
- Max. length connection line	30m
Relay	
- Contact	AC 240V 2.5A C300 at least AC/DC 24V 20mA
- Mechanical service life	Approx. 1 million switching cycles
Protection class acc. to EN 60529	IP20
Connection type	Screw type terminal
Housing material	PA glass-fibre-reinforced
Mounting	Can be snapped onto 35mm standard rail acc. to EN 60715 or screw mounted
Dimensions	Refer to dimensions in mm
Weight	Approx. 150g
Check base	EN 61000-6-2, EN 61000-6-3 EN 61010-1 Overvoltage category II Pollution level 2
Approval	UL File No. E75899 cURus

Order data

INT69 Motor protector	22 A 460 S22
Accessories and application information	see www.kriwan.com