

Fiche produit Motralec Ziehl Abegg TS1000 - fiche technique | Motralec

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System components

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Fans for transformer cooling

Monitoring and protective electronics

Trafosafe TS1000 transformer protection relay



We supply products in cooperation with
ZIEHL industrie-elektronik GmbH + Co KG
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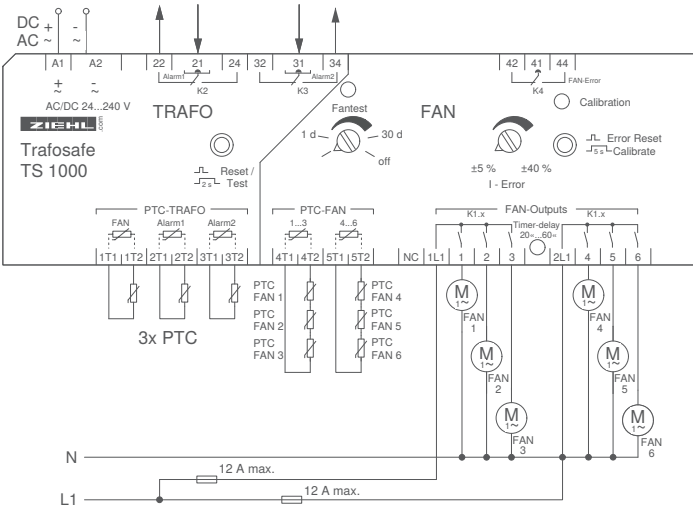
Transformer protection relay, 3 PTC thermistor circuits, with fan monitoring and control

The Trafosafe TS1000 is used on dry transformers with forced cooling. It monitors the temperature of the transformer using 3 PTC thermistor circuits, controls the cooling (up to 6 fans of max. 4A each) depending on the load, reports exceeding of an advance warning temperature and switches off the transformer if the temperature continues to rise. When monitoring the transformer using Pt100 sensors, the TS1000 operates as a pure fan controller.

- Properties:
- Supply: AC/DC 24...240 V 50/60 Hz
 - 1 PTC thermistor circuit for fan control / control with external contact when used only as fan controller
 - Automatic extension of fan running time at high load
 - Monitoring of fans for faults (excess / insufficient current adjustable)
 - Adjustable, automatic fan test (1-30 days)
 - Transformer temperature monitoring: 2 PTC thermistor circuits, 1x each for advance warning and switch-off, 1x with monitoring for short-circuit and disconnection
 - 2 PTC thermistor circuits for PTC monitoring of fans
 - Connectable PTC thermistors: 5 x 1...6 in compliance with DIN 44081 or 44082 below 4,000 Ω
 - Relay (changeover contact) for advance warning in no-load current design = Function monitor and relay (changeover contact) for switch-off in load current design = No fleeting make contact
 - LEDs for: ON, sensor fault, alarms, fan
 - Test button for function

Monitoring and protective electronics							
DC 24...240 / AC 24...240							
Type	Article no.	Installation	Protection class	Minimum ambient temperature	Maximum ambient temperature	Weight	Dimensions (W x H x D)
				°C	°C	kg	mm
TS1000	380082	Rail according to EN 60715 or screw mounting M4	IP30 / IP20	-20	55	0.42	90 x 140 x 58

Connection diagram



Besoin d'un prix ou d'un conseil technique ?

Monitoring and protective electronics Ziehl Abegg TS1000



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