

AKG Thermotechnik International GmbH & Co. KG

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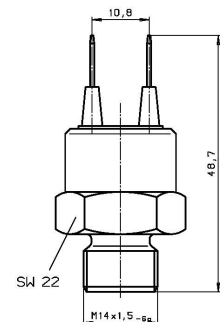
Thermo-Switch for Oil / Air – Cooling Systems

Application

The thermal switches are used for fan control in oil to air cooling systems. Their preferred mounting position is directly into the cooler. Due limited switching capacity thermo switch should not switch motor directly but an adequate relay instead (see wiring diagram).

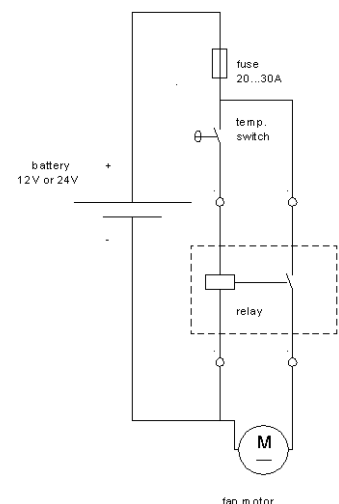
Properties

- operation independent of position
- maintenance free
- fixed switching point
- bi-metal switch – independent of current



Technical Data

voltage:	12V / 24V DC
switching current:	8 A max.
power:	120 W max.
min. switching current:	> 100 mA (ohm resistive load)
electrical lifetime:	25,000 switching cycles
operation temperature:	-30 °C up to +110 °C (-34 °F up to 44 °F)
connection plug:	flat connection 6,3 mm according to DIN 46244
deg. of protection:	inside IP54, blade terminal IP00
mounting torque:	shutter max. 35 Nm, breaker max. 15 Nm



switching temp. [°C]		max. permissible sensor temperature [°C]		wrench-width [mm]	type	thread x pitch	AKG-No.	
high	low	permanent	short term	[SW]	S = shutter B = breaker			
50	45	60	80	22	S	M 14 x 1,5	8060.015.0000	*
55	50	65	85	22	S	M 14 x 1,5	8060.017.0000	*
65	60	75	95	22	S	M 14 x 1,5	8060.003.0000	*

* Standard, stocked switches. Other switching temperature ranges sold only upon request.