# **Accessories**

# temperature switches 50°C, 60°C, 90°C, IP69K



According to the cooler type and size, our temperature switches fit on all coolers and connectors with BSP  $\frac{1}{2}$ " threads. Please contact us for the compatibility of the products. IP69K switch types (ILLZTH5069K, ILLZTH6069K and ILLZTH9069K) work in combination with our temperature control units ILLZTC12-2K (12V) and also with ILLZTC24-2K (24V). This is a simple on/off mode, according to the switch temperature. The control unit benefit is the soft start curve, extending the life time of the fan motor.

On request we offer various other bi-metal temperature switches with different temperature settings, protection classes and connection makes.

#### Protection IP69k





#### **Technical Data**

order number	description	connection	protection	switch temperature	difference	weight
				[°C]	[°C]	[kg]
ILLZTH5069K	temperature switch 50°C	AMP superseal 1,5	IP69K	$50 \pm 5$	$10 \pm 5$	0,10
ILLZTH6069K	temperature switch 60°C	AMP superseal 1,5	IP69K	60 ± 5	$10 \pm 5$	0,10
ILLZTH9069K	temperature switch 90°C	AMP superseal 1.5	IP 69K	90 ± 5	$10 \pm 5$	0.10

### Characteristics

screw part material	brass	
mounting	any position	
max. tightening torque	40Nm	
number of cycles	100.000	
counter connector	included	

### **Combinations**

all coolers and connectors with BSP  $\frac{1}{2}$ " threads

### Measurement Output

contact	N.O. (normal open)
maximum current	12V AC: 10 (4)A
	24V AC: 10 (3)A
	125V AC: 12 (2)A
	250V AC: 10 (1)A
Use power relay for switchin	ng!

## **Ambient Conditions**

oil temperature range	-20°C to +100°C	
ambient temperature range	-20°C to +80°C	
storage temperature range	-60°C to +110°C	

This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually, as a assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. Any cooling performances and general technical values indicated in this catalogue are measured at a test bench according to as a testing procedure, tests used by other manufactures could have tests. Due to different conditions in testing and application environments the performance may also vary by + 15%. Because there is no standardized testing procedure, tests used by other manufactures could have the subject of the procedure is a set of the procedure in the state used by other manufactures could have the subject of the procedure is a set of the procedure of the procedure is a set of the procedure in the procedure of the procedure is a set of the procedure. The procedure is a set of the procedure of the procedure is a set of the procedure of the procedure of the procedure is a set of the procedure of the procedure is a set of the procedure of the