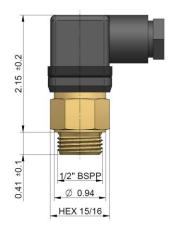
Thermal Systems / Accessories Accessories





According to the cooler type and size, our temperature switches fit on all coolers and connectors with ½"BSPP threads. On request we offer various other bi-metal temperature switches with different temperature settings, protection classes and connection makes.





Technical Data

order number	description	connection	protection	switch temperature	difference	weight
				[°F]	[°F]	[lbs]
ILLZTH4765KU00	temperature switch 122°F	3-pole connection	IP 65	122 ± 9	50 ± 9	0.20
ILLZTH6065KU00	temperature switch 140°F	3-pole connection	IP 65	122 ± 9	50 ± 9	0.20

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 1/2 "BSPP 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 switching!		

Ambient Conditions

oil temperature range	-4°F to +212°F		
ambient temperature range	-4°F to +176°F		
storage temperature range	-76°F to +230°F		

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 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 asa testing procedures or calculated, based on such 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 manufacturers could have different results. Therefore we recommend all products to be checked under the system operating conditions. This is also true for vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to DIN ISO 2788-vL. General tolerances for casted parts according EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3302-1 (class M4-F+C). The tolerances of welding seams are defined by quality group D according to EN ISO 10042, if it is not specified on the actual scale drawing or data sheet. In addition to that we point out that any data sheet and corresponding scale drawing is no substitution for the manual.

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