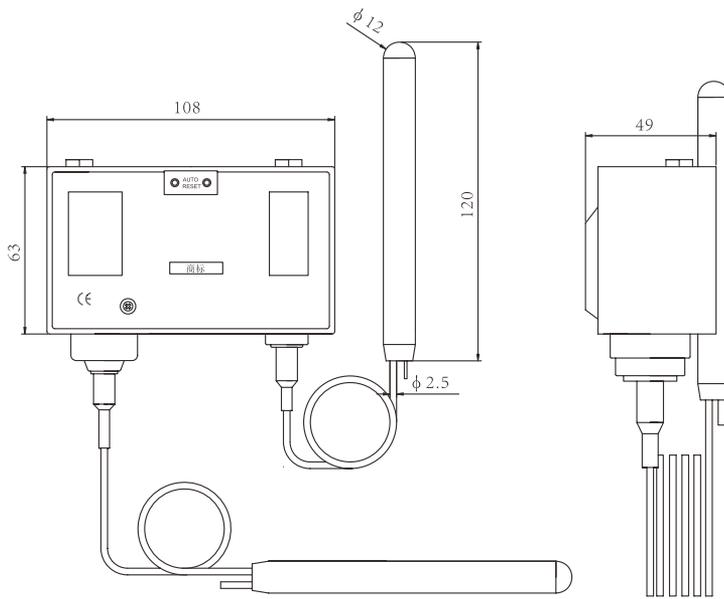


TSH

Dual temperature controller



Dimension (unit: mm)



TSH is dual temperature controller with two independent temperature control functions. It's used in refrigeration equipment to prevent high temperature of compressor's discharge, at the same time to ensure proper temperature of compressor oil. One of high temperature thermo-bulb(HT) is put in pipe of compressor discharge, another one(OIL) is in compressor's oil sump. Protective shutdown will be performed when any one of thermo-bulbs is over temperature limit.

Specification

Model	Low side			High side		
	Temperature setting range	Differential temperature adjustable range	The highest temperature of thermo-bulb	Temperature setting range	Differential temperature adjustable range	The highest temperature of thermo-bulb
TSH160	50°C ~ 110°C	10°C ~ 30°C	130°C	80°C ~ 160°C	≤15°C	180°C
TSH160HM	50°C ~ 110°C	10°C ~ 30°C	130°C	80°C ~ 160°C	Manual reset	180°C
TSH160LHM	50°C ~ 110°C	Manual reset	130°C	80°C ~ 160°C	Manual reset	180°C

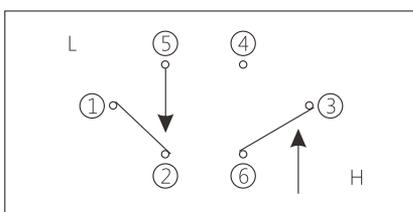
Environment temperature: -20~70

Wire connection: Diameter of wire entrance hole: 15mm

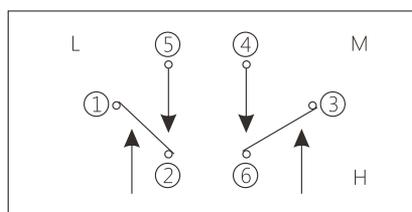
Electrical Rating

Rated Voltage (V)		A.C.110		A.C.220	
		Rated Current (A)		Rated Current (A)	
Non-induced current		20A		10A	
Induced current	Full load current	15A		8A	
	Instantaneous current	72A			

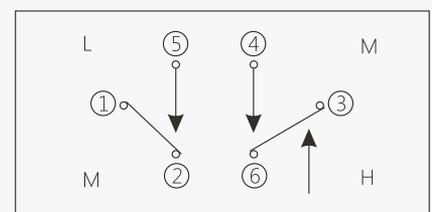
Contact Form



TSH160



TSH160HM



TSH160LHM