

BCS-1S Series Frost Protection Switch

Overview

The BCS-1S Series Frost Protection Switch is used to give frost protection in safety monitoring systems. It can also be used to detect temperature changes to the target object. When the temperature is higher than (or lower than) the setting temperature, it outputs a switch control signal to turn on or off the target equipment.



Features

- High control accuracy and small minimum temperature difference
- Easy operation and easy installation
- Wide operating temperature range
- Long mechanical life and strong vibration resistance;

Specifications

Reset	Automatic
Switch Type	Single-Pole Double-Throw (SPDT)
Switch Capacity	240VAC 10A; 120VAC 20A
Setting Temp. Range	-30~15°C / -5~30°C
Reset Temp. Range	2~10°C / 2~12°C
Repetitive Error	1°C
Medium Temperature	-40°C~120°C
Operating Environment	-25°C~65°C, 0%~95%RH (non-condensing)
Max Overload Temp.	120°C
Capillary Length	1m
Wiring	
Wire:	Suitable for cables with a diameter of 6~14mm
Connection:	locking Insert, screw washer and terminal through-hole screw
Protection Class	IP44
Weight	NW: 329g, GW: 505g
Material	ABS Shield + Galvanized Steel Plate Base

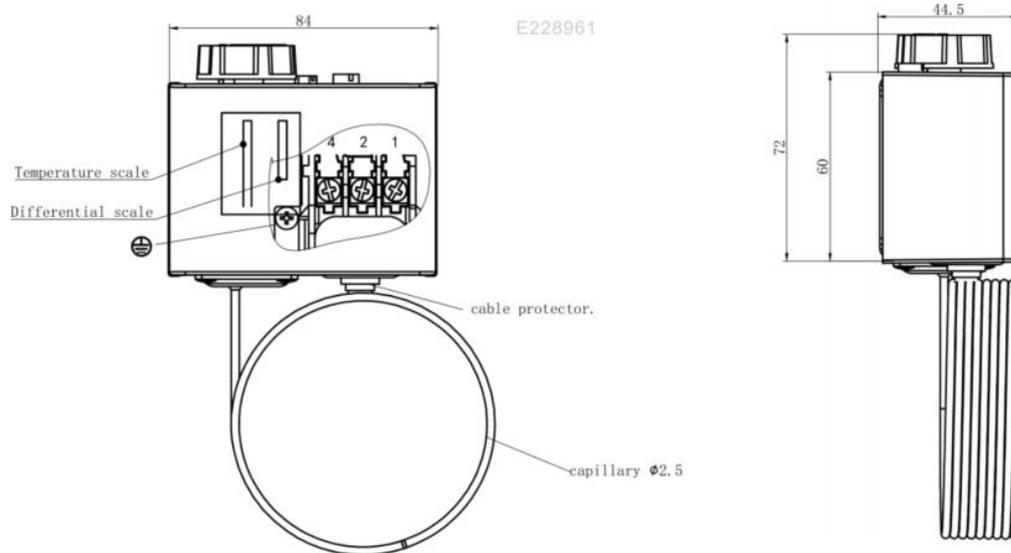
Ordering Information

Model No.	Setting Temp. Range	Reset Difference Range	Factory Settings (Temp. & Temp. Difference)
BCS-1SA0-1	-30°C~15°C	2°C~10°C	7.5°C/1°C
BCS-1SB0-1	-5°C~30°C	2°C~12°C	7.5°C/1°C

Appearance Dimensions

Attention

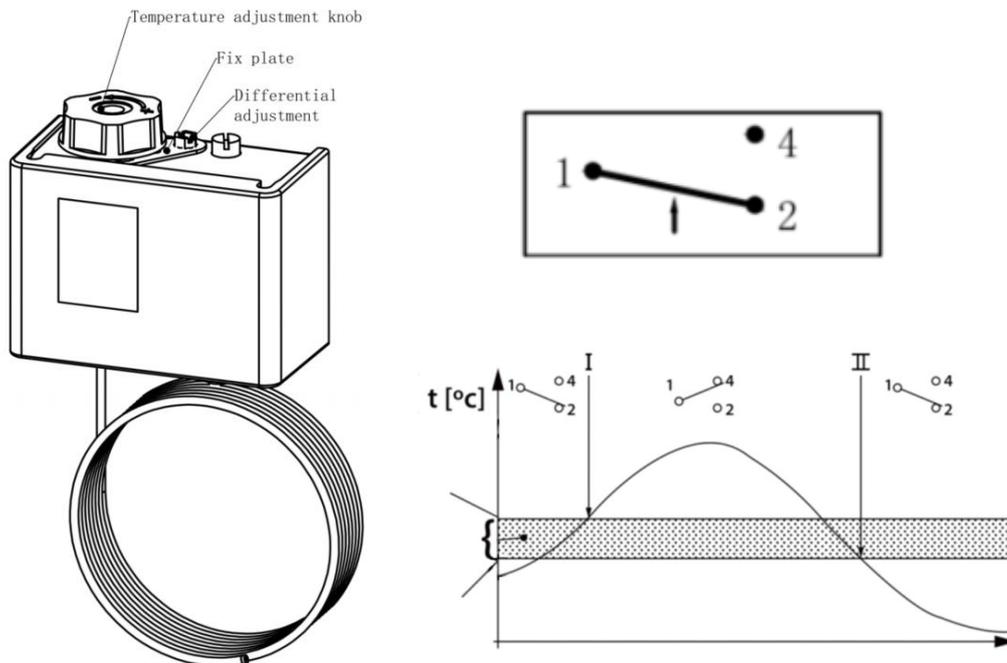
1. Pls remove the temperature adjustment knob and fixing plate before adjust the temperature.
2. Pls fix the temperature adjustment knob and fixing plate after finishing the temperature adjustment.



Dimension in: mm

Attention

1. Low temperature protection, pls connect wire 1-4
3. High temperature protection, connect wire 1-2



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