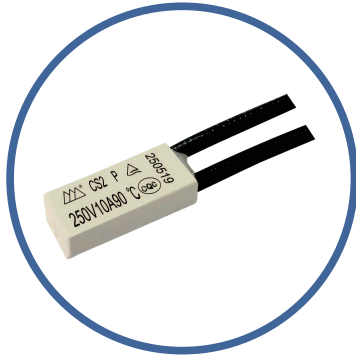


CS2 SERIES

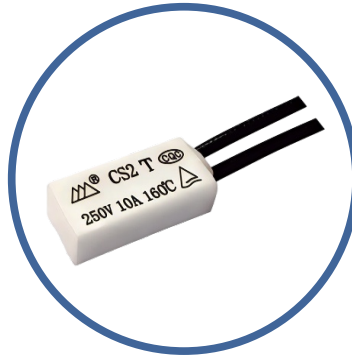
Overcurrent Protector

Introduction

CS2 series is a thermal protector with dual protection functions of over temperature and overcurrent, The product is ultra-thin, and small in size, large capacity and fast in tripping.



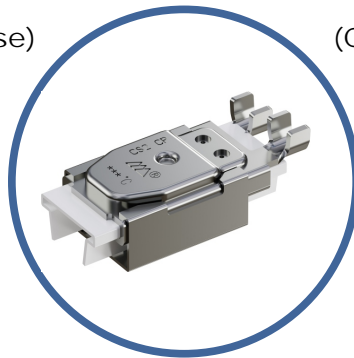
CS2-P
(Plastic case)



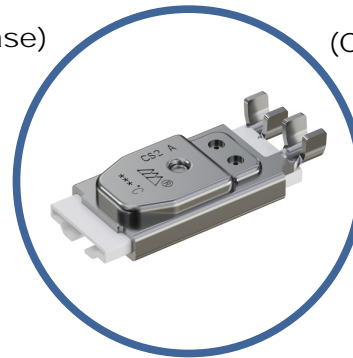
CS2-T
(Ceramic case)



CS2-T1
(Ceramic case)



CS2-CP



CS2-A

CS2-P/T/T1/CP/A SPECIFICATIONS

Application Range

This product can prevent the following equipment from overheating.

- (1) Motor
- (2) Water pump, air compressor, cleaning machine
- (3) Fluorescent lamp electronic ballast, HID ballast, lighting fixture
- (4) Electric pad, carelectric blanket, medical hot compress pad
- (5) Glue machine, power tools, charger, transformer

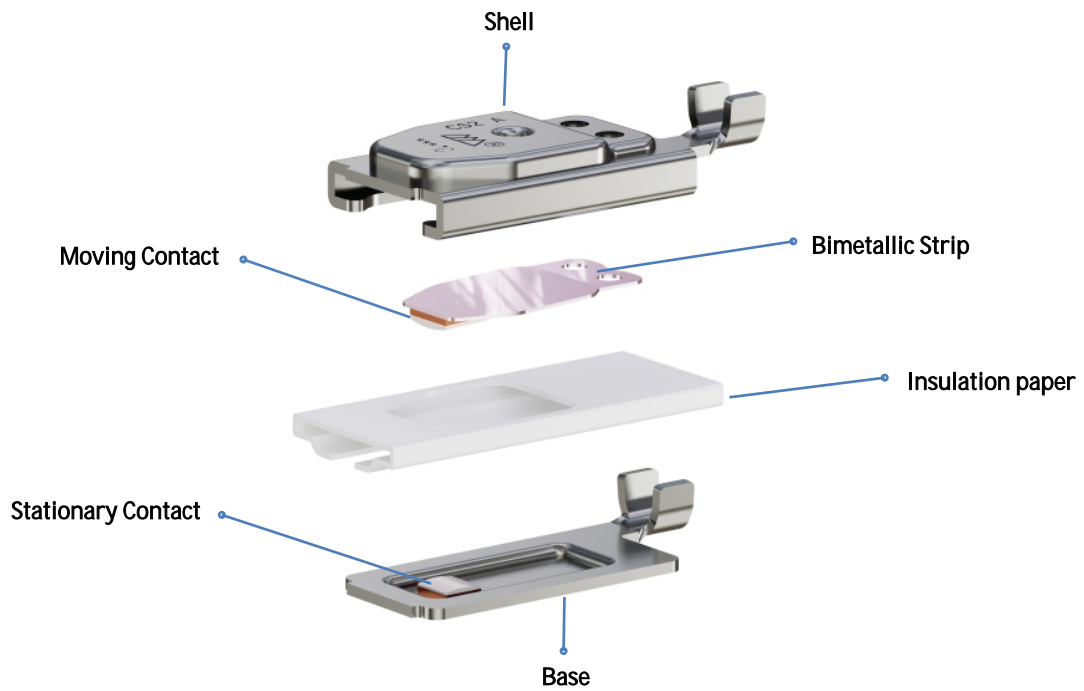
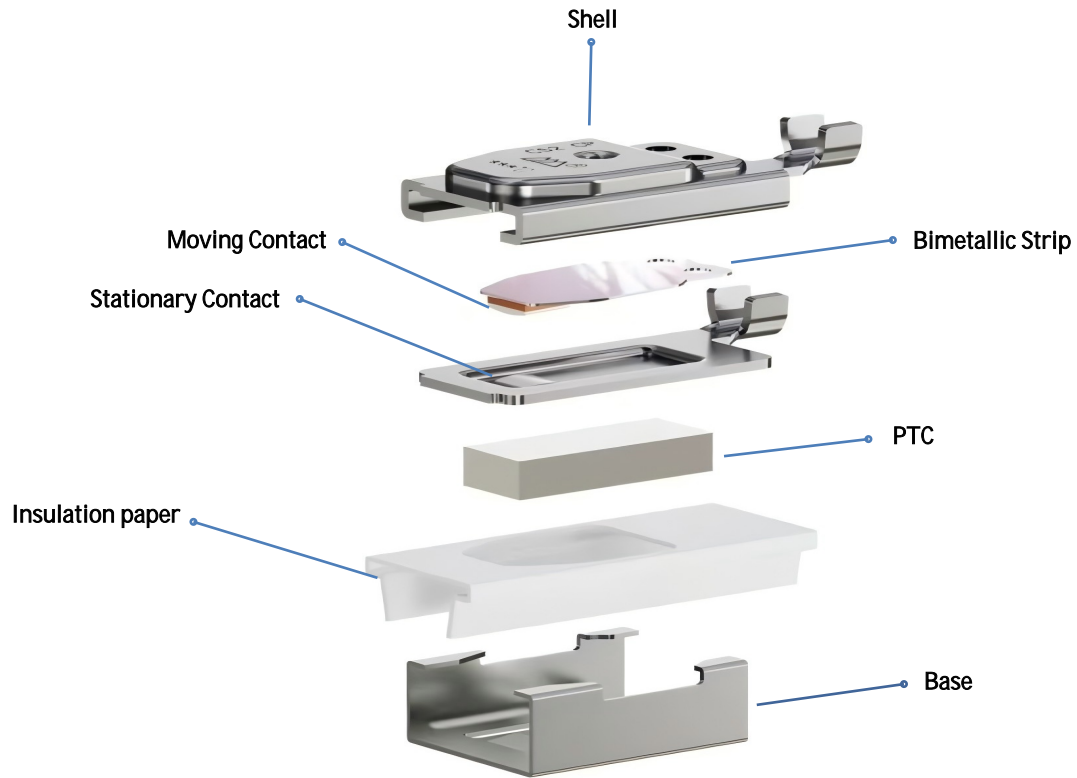
Double protection design

Dual protection for temperature and current sensing ;tripping temperature are strictly calibrated and tested.

Highly customized

Could according to customer requirements riveting various specifications and length of wire.

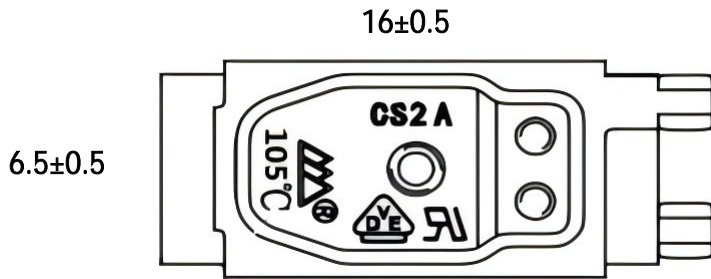
CS2 SERIES STRUCTURE



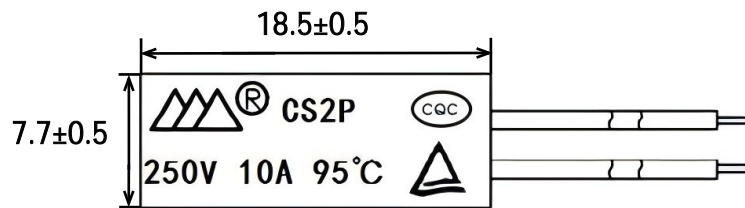
DIMENSION AND DIAGRAMS

Dimensions in mm (Inches)

The marked side of the housing is the thermal sensing surface

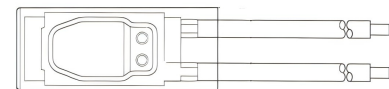


CS2 A

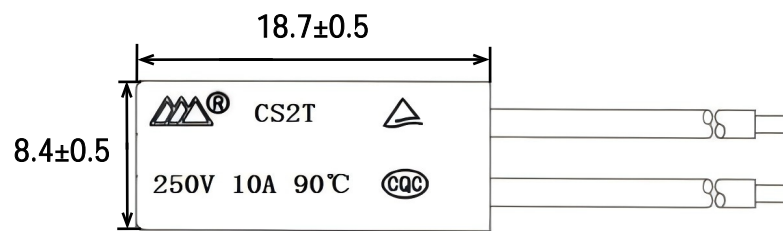


Plastic shell seal

3.8 ± 0.5



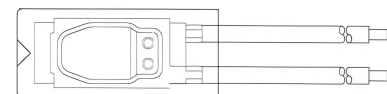
CS2 P



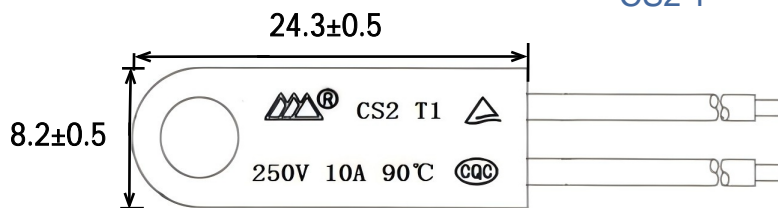
Ceramic shell seal

4.7 ± 0.5
(Common type)

5.1 ± 0.5
(Thickened type)

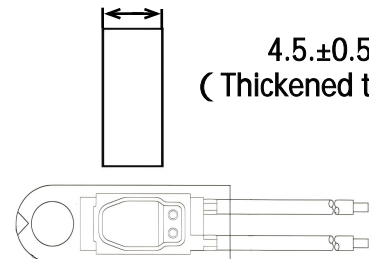


CS2 T



Ceramic shell seal

4.5 ± 0.5
(Thickened type)



CS2 T1

The side with the mark is the temperature-sensitive side

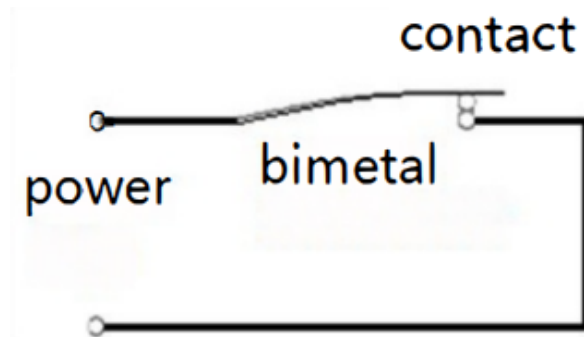


NOMINAL PERFORMANCE

CS2 A/CS2 CP			
Rated current	Acting Temperature	Temp. Range	Acting Life
AC 250V/8A AC 125V/12A	40-175 °C	±5	Greater than or equal to 10000 Cycles
The Lead wire based on the customer's requirement			

CS2 T/CS2 T1			
Rated current	Acting Temperature	Temp. Range	Acting Life
AC 250V/10A	40-175 °C	±5	Greater than or equal to 10000 Cycles
The Lead wire based on the customer's requirement			

CS2 SERIES ELECTRICAL SCHEMATIC DIAGRAM



Working principle: The current through the terminals, bimetal, two contacts, the bimetal; Once the electrical equipment is not working normally, the surrounding temperature or current will be higher, and once the temperature up to the thermal protector's stripping temperature value, the bimetal will act quickly, and cut off the circuit; If cooling down to the safe working temperature, the bimetal resets quickly, and the contact will close automatically, and the power is restored.



Standard operating / reset temperature

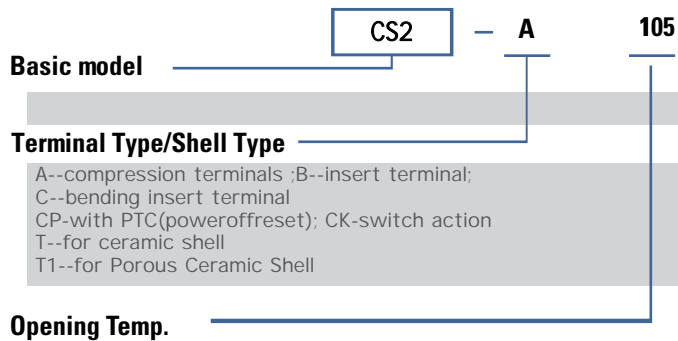
No.	Spec.	Acting Tempt.	Reset Tempt.	Remark
1	40°C	40±5°C	≥25°C	
2	45°C	45±5°C	≥27°C	
3	50°C	50±5°C	≥30°C	
4	55°C	55±5°C	≥30°C	
5	60°C	60±5°C	45±10°C	
6	65°C	65±5°C	48±10°C	
7	70°C	70±5°C	50±13°C	
8	75°C	75±5°C	50±15°C	
9	80°C	80±5°C	55±15°C	
10	85°C	85±5°C	60±15°C	
11	90°C	90±5°C	60±15°C	
12	95°C	95±5°C	65±15°C	
13	100°C	100±5°C	70±15°C	
14	105°C	105±5°C	70±15°C	
15	110°C	110±5°C	75±15°C	
16	115°C	115±5°C	80±15°C	
17	120°C	120±5°C	80±15°C	
18	125°C	125±5°C	85±15°C	
19	130°C	130±5°C	90±15°C	
20	135°C	135±5°C	95±15°C	
21	140°C	140±5°C	100±15°C	
22	145°C	145±5°C	100±15°C	
23	150°C	150±5°C	105±15°C	
24	155°C	155±5°C	110±15°C	
25	160°C	160±5°C	110±15°C	
26	165°C	165±5°C	115±15°C	
27	170°C	170±5°C	115±15°C	
28	175°C	175±5°C	120±15°C	



PRODUCT NAMING METHOD

Example : CS2 – A 105

CS2 Series



PRODUCT SAFETY CERTIFICATION



CS2 A Thermostat Series

	CQC		TUV	UL	
File	CQC20002262462	CQC18002209862	R50425317	E465826	
Temp. Range	40-175	40-175	40-175	40-175	
Contact Rating	AC 250V 3A	AC 250V 8A	AC 125V 5/6/8A	AC 250V 12A	

CS2 A Thermal Protector Series

	CQC	UL	TUV		
File	CQC20002262462	E465826	R50425317		
Temp. Range	40-175	40-175	40-175		
Contact Rating	AC 250V 3A	AC 250V 12A	AC 125V 5/6/8A		





CS2 P Thermostat Series

	CQC	TUV	UL		
File	CQC20002264044	R50425317	E465826		
Temp. Range	40-175	40-175	50-170		
Contact Rating	AC 250V 5/6/10A	AC 250V 10A	AC 250V 5/6/8/12A		

CS2 P Thermal Protector Series

	CQC				
File	CQC20002264044				
Temp. Range	40-175				
Contact Rating	AC 250V 5/6/10A				

CS2 T Thermostat Series

	CQC	TUV			
File	CQC20002264045	R50425317			
Temp. Range	40-175	40-175			
Contact Rating	AC 250V 10A	AC 250V 10A			

CS2 CP Thermal Protector Series

	CQC				
File	CQC18002210108				
Temp. Range	40-175				
Contact Rating	AC 250V 5/6/8A				



This product specification only puts forward the minimum technical requirements and not applicable to all technical requirements and standard. The seller shall provide the high-quality products and corresponding services that meet the requirements in this Technical Agreement.

The requirements of national compulsory standard concerning safety and environmental protection shall also be met.

In case the supplier not raise any objection to the terms of this specification, the supplier shall provide products that completely meet the requirements that description in the specation

If the standards used in this specification are inconsistent with those used by the supplier , the higher standards shall be applied

Standards to follow

GB/T14536.1 " Automatic Electrical Controllers for House hold and Similar Use Part1: General Requirements "

GB/T14536.10 《Automatic Electrical Controls-Part10:Particular Requirements For Temperature Sensing Controls》

UL60730-2-9 《Automatic Electrical Controls For House hold and Similar Use;Part2 Particular Requirements For Temperature Sensing Controls》

ENIEC60730-2-9 《Automatic Electrical Controls For House hold and Similar Use; Part2:Particular Requirements For Temperature Sensing Controls》

CONTACT US

CHINA

TEL:+86760-22235360

Fax:+89-760-2225 1380

Email:chuancheng@cccjm.com

Add:NO.3, Shengfeng Xiangsheng North Road, Xiaolan Town,Zhongshan City, Guangdong Province, China