TC-9106

TEST REPORT

Test Report No:	QVC/TR/20260224/002	**Page 1 of 7**
		Issue Date: 24/02/2026

ULR No:-	**TC910626000000073F**		
Applicant Name & Address:-	**S.S. SON CONTROLS** 105,Daulat Udyog Bhavan , Wadavli Village Road,Chembur Mumbai-400074 ,Maharashtra , India		
Test Item:-	Probe Type Heat Detector SET AT 200 Deg C		
Identification:-	Nil		
Discipline:-	Electrical	**Group:-**	Environmental Test Facility
Job order no:-	QVC/SAMPLE/260209/002	**Date of receipt:-**	09/02/2026
Serial no:-	**26SM02**		
Testing Laboratory Name & Address:	**QVC Certification Services Pvt. Ltd.** **2-B, Civil Lines, Yukti business centre, Jail Road, Ambala City-134003, Haryana, India.**		
Test specification:	IEC 60068-2-2:2007		
Test Result/ Statement of conformity:	***The test item passed the test specifications.***		
Other Aspects:-	The EUT is tested in the condition, it is received by the laboratory.		
Note:- This test report relates to the submitted test sample and list of documents attached. Without permission of the testing laboratory this test report is not permitted to be duplicated in extract.			

Tested by:	**Reviewed by:**	**Approved by / Authorized Signatory:**	**Issued by:**
Vikram Singh (Testing Engineer)	**Vikas Kaushal (Technical Manager)**	**Amandeep Singh (Lab Head)**	**Abhishek Bhardwaj (CSC)**
Date: 24/02/2026	**Date: 24/02/2026**	**Date: 24/02/2026**	**Date: 24/02/2026**

Test Report IEC 60068-2-2:2007 ENVIRONMENTAL TESTING – Part 2-2: Tests- Test B- Dry heat	
Report Reference No.:	QVC/TR/20260224/002
Date of issue:	24/02/2026
Total number of pages:	07
Testing Location:	☐ **Onsite** ☒ **At Lab**
Testing Location Address:	**QVC Certification Services Pvt. Ltd.** 2-B, Civil Lines, Yukti business centre, Jail Road, Ambala City-134003, Haryana, India.
Manufacturer 's Name:	**S.S. SON CONTROLS**
Manufacturer's Address	105,Daulat Udyog Bhavan , Wadavli Village Road,Chembur Mumbai-400074 ,Maharashtra , India
Test specification(s)	IEC 60068-2-2:2007
Test procedure:	Compliance Report
Non-standard test method:	N/A
Test item description:	Probe Type Heat Detector SET AT 200 Deg C
Trade Mark:	S S SON CONTROLS
Model/Type reference:	Nil
Ratings	2 AMP at 24VDC(As specified by customer)

Tested by:	Reviewed by:	Approved by / Authorized Signatory:	Issued by:
Vikram Singh (Testing Engineer)	Vikas Kaushal (Technical Manager)	Amandeep Singh (Lab Head)	Abhishek Bhardwaj (CSC)
Date: 24/02/2026	Date: 24/02/2026	Date: 24/02/2026	Date: 24/02/2026

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ULR no: TC910626000000073F		**Issue Date:** 24/02/2026

Copy of Marking plate/label:
Marking engraved on EUT:- **SET AT 200 °C 26SM02**

TEST ITEM PARTICULARS	Probe Type Heat Detector SET AT 200 Deg C
Sample Received Condition	Good
Equipment orientation	As per manufacturer's instruction
Equipment Classification	Non Heat-Dissipating specimen

Table – List of Attachments

Attachments	Attachment description	No of pages in attachment
Attachment-1	Photo-Document	01(Page No. 07)

General remarks:
The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the issuing testing laboratory. The laboratory is responsible for all the information provided in this Test Report, except for the information provided by the customer. The laboratory claims no responsibility for validity of test results against information supplied by the customer.
The Applicant/Manufacturer address, technical ratings, Product description, Model no. /Type Reference and Serial no. have been provided by customer in Service request, product label, technical specifications or instruction manual.

Possible test case verdicts:	
- test case does not apply to the test object :	N/A
- test object does meet the requirement :	P (Pass)
- test object does not meet the requirement :	F (Fail)
Testing :	See Below
Date of receipt of test item :	09/02/2026
Date(s) of performance of tests :	11/02/2026
Laboratory conditions:	See Below
Ambient Temperature:	15 to 35°C
Ambient Humidity:	45 to 75% RH

General Product Information:-
The Equipment Under Test (EUT) is a Probe Type Heat Detector operated at 200°C.

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❖ SUMMARY OF TESTING:-

The EUT is visually inspected after the test. No deformation or damage is observed after the test. The functionality test is done before and after the test. The EUT is found operational as intended.

❖ LIST OF INSTRUMENTS USED IN TESTING

S.No.	Instrument Name	Equipment ID	Range & L.C
1.	Hot Set Apparatus	QVC/TEST/HOTSET-01	25°C to 300°C
2.	Digital Multimeter	QVC/TEST/DMM-01	Voltage: 3V to 1000V Current: 3mA Resistance: 300Ω to 3MΩ

❖ Abbreviation:

EUT- Equipment under Test

❖ Additional Information:

- **Following test conditions are provided by the customer ;**
  1. Test Temperature: 200°C
  2. Duration: 1h.
  3. The functional check to be performed by checking the continuity of the connecting leads at claimed temperature.

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clause	Requirements	Result-Remark	Verdict
5	**Test description**		
5.1	General		
	EUT is subjected to one of the following defined test:	See below	----
	--- Test Bb: Dry heat for non-heat dissipating specimens with gradual change of temperature	Complies	P
	--- Test Bd: Dry heat for heat dissipating specimens with gradual change of temperature that are not powered during the conditioning period		N/A
	--- Test Be: Dry heat for heat dissipating specimens with gradual change of temperature that are required to be powered throughout the test.		N/A
6	**Test procedure**		
6.5	Severities		
	The severities, as indicated by temperature and duration of exposure, shall be prescribed by the relevant specification. They shall be:	See below	--
a)	Choose the temperature value from table 6.5.2	Temperature: 200°C	--
b)	Choose the time duration from table 6.5.3	Duration: 1h	--
6.7	Initial measurements		P
	The initial state of the specimen shall be known.	Complies	P
6.8	Conditioning		--
6.8.1	The specimen shall be exposed to the low temperature conditions for the duration.	Complies; The EUT is exposed to the following conditions for the specified duration: Set temperature: 200°C Duration: 1h.	--

6.8.2	Absolute humidity		-
	The absolute humidity shall not exceed 50 %.	Complies	P
6.9	Intermediate measurements		P
	The relevant specification may call for loading and/or measurements during or at the end of conditioning while the specimen is still in the chamber.	Complies; The intermediate check is conducted, while the EUT remains inside the Chamber. The functionality test is performed. The EUT is found operational as intended.	P
6.11	Recovery		--
	The specimen shall be remain under standard atmospheric conditions for recovery for a period of minimum 1 h.	Complies; The recovery is carried out by positioning the EUT in standard atmospheric conditions for a duration of one hour.	--
6.13	Final measurements		P
	The specimen shall be visually inspected and such performance checks as are required by the relevant specification.	Visual inspection is done, No damage observed.	P

Attachment No.1:

PHOTOGRAPHS:



EUT (Equipment Under Test) VIEW

***** END OF TEST REPORT*****