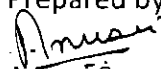
 A4-10	Purchase Specification		PS / 408 / 2080	
					REV: 00	
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Copy Right And Confidential The Information On This Document Is The Property Of Bharat Heavy Electricals Limited . It Must Not Be Used Directly Or Indirectly In Any Way Detrimental To The		<div data-bbox="638 880 1080 992" data-label="Section-Header"> <p style="text-align: center;">PURCHASE SPECIFICATION FOR THERMOSTAT WITH ENCLOSURE</p> </div>				
				Prepared by  Anusri S	Issued by CE-Engg (GCE) - 408	Date 30/3/2021



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Purchase Specification

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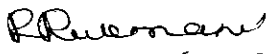
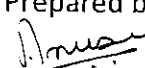
## REVISION HISTORY SHEET

REV No.	DATE	NATURE OF CHANGE	REASON	PREPARED BY	REVIEWED BY
00	30/03/2021	FIRST ISSUE	---	AS	RR

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Revision: 00

Reviewed by: R.Rukmani Prepared by  
  
Anusri SIssued by  
CE-Engg (GCE) - 408Date  
30/3/2021



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Purchase Specification

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**1.0 General:**

This purchase specification is for thermostat which is controlling space heater.

**2.0 Specification:**

Application: This thermostat is used for controlling the anti-condensation heater circuit inside control panels. Thermostatic Bimetallic sensor shall be provided as a temperature sensing element.

Technical Specifications:


Item Description: Thermostat with enclosure

The supplier shall confirm in writing, the complete clause wise compliance with the specification.

SINo	Technical Data	Compliance (Complied/ Not Complied)
1.	Operating Temperature range: Shall include 5 to 55 Deg C	
2.	Power supply: 240VAC	
3.	Sensor Element: Thermostatic Bimetal	
4.	Contact type: Snap Action Contact/Quick break contact	
5.	Contacts: Contacts opening on temperature rise (NC contact)	
6.	Switching capacity: 10A resistive at 250 V AC	
	Construction:	
7.	Terminals: shall be suitable for 1.5 sq mm stranded copper wire	
8.	Material of enclosure: Plastic	
9.	Mounting type: DIN rail 35mm	
10.	Protection Class: IP20	

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		 A4-11	<div>Purchase Specification</div>	<div>PS / 408 / 2080</div> <div>REV: 00</div> <div>Page: 03 of 03</div>
<div>Copy Right And Confidential</div> <div>The Information On This Document Is The Property Of Bharat Heavy Electricals Limited. It Must Not Be Used Directly Or Indirectly In Any Way Detrimental To The</div>		<div>3.0 SUPPLIER DOCUMENT REQUIREMENT SCHEDULE</div> <div>3.1 BIDDING STAGE</div> <p>Supplier shall provide the following information along with the offer. Bids without detailed and point wise compliance statement / documents required, will not be considered for further processing.</p> <ol style="list-style-type: none"> <li>Compliance to this specification and description in the Request For Quotation. List of deviations, if any, with reasons thereof, wherever applicable shall be clearly brought out.</li> <li>Technical Data sheets, Dimensional drawings &amp; Connection diagram.</li> <li>Test report of offered model/type for earlier supplied item.</li> </ol> <div>4.0 Tests to be conducted:</div> <p>Routine and type tests shall be conducted as per IS/IEC/Equivalent standard/ manufacturers standard.</p> <div>4.1 Routine tests (to be conducted on each item &amp; reports to be submitted before dispatch for dispatch clearance)</div> <ol style="list-style-type: none"> <li>Insulation/Dielectric test</li> <li>Functional test: Operation at different set values of temperatures.</li> <li>Operation at different control voltage levels <ol style="list-style-type: none"> <li>Rated control voltage 230VAC</li> <li>Rated control voltage +10%</li> <li>Rated control voltage -15%</li> </ol> </li> </ol> <div>5.0 PACKING</div> <p>The item shall be properly packed to ensure that there are no damages / dislocation of parts during transit.</p> <div>6.0 ACCEPTANCE CRITERIA</div> <ol style="list-style-type: none"> <li>Dispatch clearance by purchaser after verification of routine test reports submitted.</li> <li>On receipt of item at BHEL-EDN final acceptance will be by quality services of purchaser, verifying the conformance of item to this purchase specification and Inspection of item as per specification / drawings / documents at purchaser's works.</li> </ol>		