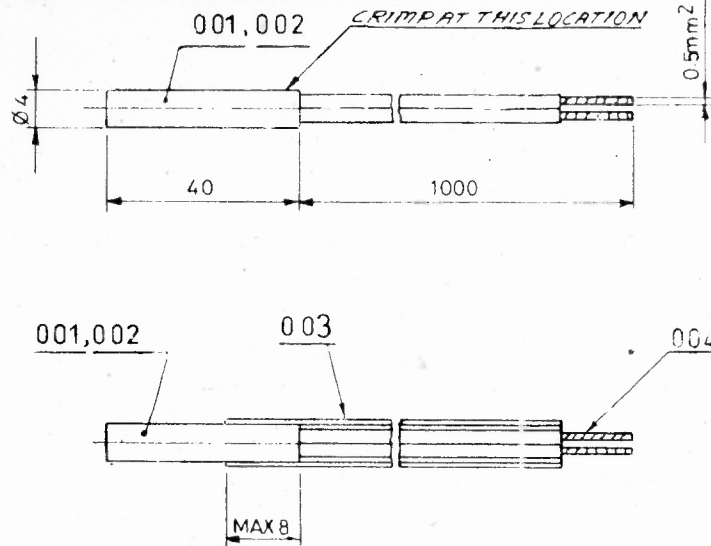


FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG NO. 3 445 01 64052



NOTES -

- TO BE MADE AS PER ABB TYPE TRT P100/B/2 ACCORD TO DIN/IEC 751 CL B SUPPLIER DESIGNATION E2 40-1-2.
- OPERATING TEMPERATURE RANGE 260° DEG C.
- SENSOR SOCKET TO BE MADE BY STAINLESS STEEL SOLID TUBE.
- CU STRAND 0.5mm² OF ITEM 004 TO BE NICKEL PLATED AND PTFE INSULATED AS PER DIN/IEC 751-3-6 LENGTH OF CU STRAND TO BE 500mm.
- RESISTANCE ELEMENT TO BE TESTED AS PER ABB SPEC HTAY 620331.
- TESTING VOLTAGE - 500V, 50HZ, 1MIN.
- ABB SUPPLIER - ALL METRA AG
TEMPERATUR - MESSTECHNIK
GLATTALSTR - 159
8052 ZUERICH.
- EACH UNIT TO BE SEPARATELY PACKED CARE TO BE TAKEN WHILE TRANSPORTATION.
- RESISTANCE ELEMENT TO BE PT 100, SIMPLEX, TWO WIRE WITH ±1% ACCURACY.

001	001			004	RESISTANCE ELEMENT 0.5mm ²						
001	001	ABB SPEC BT 401118 0016		003	FLEX TUBE 4X0.5 - SI/GL					TM 97249	
001				002	SOCKET Ø4 X 40					AR 10724	
	001			001	TEFLON Ø4 X 40					BP 22199	
VAR.	59	64, 65	75, 78, 79, 25	27	29	58	59	60	77	29, 31, 32, 33, 34	34
01	VAR 00		REMARKS	VAR NO.	ITEM NO.	DESCRIPTION	STD	DRAWING NO		34	MATL CODE
										32, 33, 34	MATL SPECN

28 → CARD TYPE - 3

28 → CARD TYPE - 1

28 → CARD TYPE - 2

ADDITIONAL INFORMATION SIM COMP DRG HMMT 410-349		उपरोक्त का प्रकार का ग्रहक/प्रोडक्शन का नाम TYPE OF PRODUCT OR NAME OF CUSTOMER / PROJECT INDUCTION MOTOR FOR AC LOCO		6 EPA 6068	
STATUS OF DRAWING		DISTRIBUTION OF PRINTS TME - 1 TXM - 3 TNY - 3		भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल BHARAT HEAVY ELECTRICALS LTD BHOPAL	
REV DATE ALT CHD APPD		REV DATE ALTERED CHECKED APPROVED		DEPT UNTO L DIMS GR T.M 200 / 9 GR 'M'	
ZONE		DEPT UNTO L DIMS GR T.M 200 / 9 GR 'M'		SCALE 2:1	
शीट/ TITLE RESISTANCE ELEMENT		ड्राइंग नं. 3 445 01 64052		ड्राइंग नं. 004	

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REF. DRG. NO. SIGN & DATE ENTORY NO.

(A)

TME/437A /PI #120522478

Date: 07.09.13

**Technical Pre Qualification Requirement for Resistance Element of 6FRA6068
Traction Motor**

The Pre-Qualification Criteria for **6FRA6068** Traction Motor are as under:-

1. Resistance Element should be as per BHEL drawing no. 34450164052 Rev. 00
2. The suppliers must be registered with CLW as Part-1 or Part-2 approved source and their names should appear in latest CLW vendor directory (CLW/MLAS/3-PHASE) for this items.

Weblink of latest CLW vendor directory (valid from 01/07/2013 till 31/12/2013):

[http://www.clw.indianrailways.gov.in/works/uploads/File/3Phase%20Loco%20Items\(3\).pdf](http://www.clw.indianrailways.gov.in/works/uploads/File/3Phase%20Loco%20Items(3).pdf)


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