

CE

PRIMA TRANSFORMERS PVT. LTD.









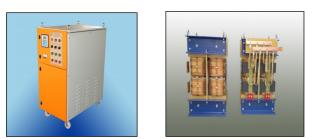


















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ABOUT PRIMA

Prima Transformers Pvt. Ltd is 100% subsidiary of Prima Automation (India) Pvt. Ltd. Incorporated in 2006.

Prima Transformers Pvt. Ltd is renown name in Control transformers. It was established in 2006 and since than playing a leading role in supplying Control Transformers to more than 30 OEMS. The Company's range includes transformers form 50VA to 1500KVA, chokes up to 2000KW, Servo Stabilizers and Distribution transformers.

PRIMA Automation is an organization in the field of manufacturing of control panels with PC, PLC and SCADA based systems for the automation of various plant and machineries of many industries, Micro-Controller based panels and Special panels for hazardous area application like Flameproof, Pressurized and Intrinsically safe and many other control components. As time passes PRIMA has recorded its growth exponentially.

In the professional journey of two decades, PRIMA has expanded to match global vision and progressed forward steadily through up-gradation of technology and consolidation programs to further strengthen its capabilities. The company uses large qty. of Transformers. As a business diversification and backward integration Prima decided to manufacturing of Transformers. In the New Company enjoys capital inputs as well as Technical know how from Prima Automation (India) Pvt. Ltd. The entire set of **Prima Transformers Pvt. Ltd** including manpower is established by Prima Automation (India) Pvt. Ltd..

"Innovation and forward thinking are key words in Business Enterprises, that is why we have chosen the demanding area of Industrial Transformers. An area where challenges are many and solutions difficult.

Main aim of the Prima Transformers Pvt. Ltd is to make quality class Transformers with CE marks.

Prima Transformers Pvt. Ltd has manufacturing unit at Santej having about 5500 Sq. meter plant area with latest manufacturing facility.



PRODUCT RANGE

Product Specification And Range					
SR NO	NAME OF THE STORE	SPECIFICATION TO WHICH STORES ARE MANUFACTURED	QUALITATIVE CAPACITY	CAPACITY PER MONTH SINGLE SHIFT BASIS	
1	Control Transformer	Confirms to IS : 11171 : 1985	50VAto 500KVA		
2	Power Transformer	Confirms to IS : 2026 : 1977	1 KVA to 500KVA		
3	Isolation Transformer	Confirms to IS : 11171 : 1985	1kVA to 500KVA		
4	Energy Saving Lighting Transformer	Confirms to IS 11171 : 1985	Up to 500 KVA		
5	Ultra isolation Transformer	Confirms to IS : 11171 : 1985 Confirms to IS : 11171 :	1 KVA to 500KVA 5HP To		
6	Auto Transformer / ATS	1985	500HP		
7	Line / Load Reactor (Choke)	Confirms to IS 6297 : 1971	5HP To 500HP	3000 No	
8	LT Current Transformer	Confirms to IS 2705 : 1992	230V to 750V		
9	LT Potential Transformer	Confirms to IS 3156 : 1992	230V to 750V		
10	HT Current Transformer	Confirms to IS 2705 : 1992	6.6KV to 33KV		
11	HT Potential Transformer	Confirms to IS 3156 : 1992	6.6KV to 33KV		
12	Distribution Transformer (DRY type VPI , CRT , Oil cooled)	Confirms to IS 1180 : 1989	Up to 1500 KVA		
		As Per Customer	50VA to		
13	Customized Transformer	requirement	1500KVA		
1.4	Installation and commissioning of	As Per Customer	As Per Customer		
14	Transformer	requirement	requirement		



GROWTH PARTNERS

- GE ENERGY
- SIEMENS
- EMERSON
- JYOTI CNC
- BHEL
- ROLLS ROYCE
- VEDANTA GROUP
- ADANI GROUP
- RELIANCE INDUSTRIES LTD
- PRASAD & PRASHANT GROUP
- JINDAL STEEL & POWER
- TATA MOTORS
- WELSPUN LIMITED



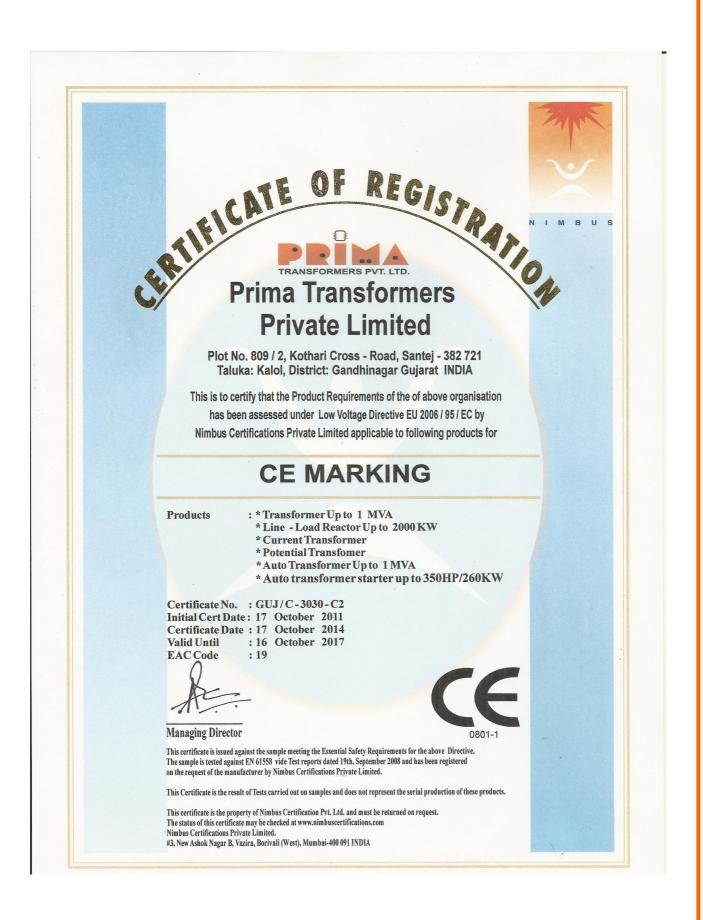
CREDENTIALS OF PRIMA

- ISO 9001:2008 COMPANY
- CE APPROVED
- APPROVED VENDOR OF BHEL
- APPROVED VENDOR OF SUZLON
- APPROVED VENDOR OF RELIANCE INDUSTRIES LIMITED
- APPROVED VENDOR OF VEDANTA GROUP
- APPROVED VENDOR OF ADANI POWER LTD.
- •
- APPROVED VENDOR OF NORTHEN Railway.



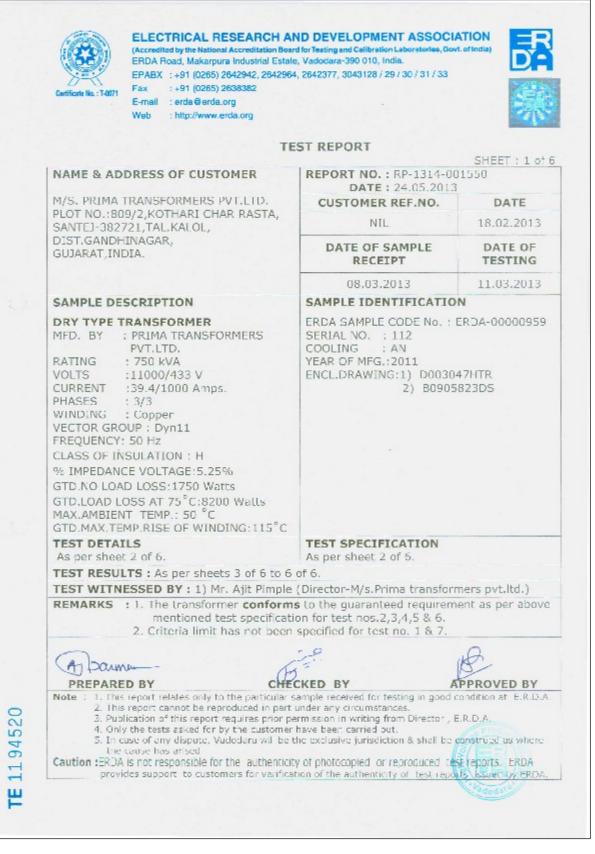








CHAPTER-5 TESTING APPROVAL FROM ERDA AND CUSTOMER





Cartificate No. : T-4071 EPABX : +91 (0265) 2642942, 2542964 Cartificate No. : T-4071 Fax : +91 (0265) 2638382 E-mail : erda@erda.org E-mail : erda@erda.org Web : http://www.erda.org TE:	, 2542377, 3043128 / 29 / 30 / 31 / 33 ST REPORT	SHEET : 1 of	
NAME & ADDRESS OF CUSTOMER	REPORT NO. : HCCT/03/1605 DATE : 22.11.2012		
M/s. PRIMA TRANSFORMERS PVT, LTD. PLOT NO.809/2, KOTHARI CROSS ROAD,	CUSTOMER REF.NO.	DATE	
SANTEJ - 382721, TAL. KALOL,	NIL	08.08.2012	
DIST:GANDHINAGAR, GUJARAT	DATE OF SAMPLE RECEIPT	DATE OF TESTING	
	09,08.2012	13.08.2012 & 14.08.2012	
SAMPLE DESCRIPTION	SAMPLE IDENTIFICATIO	ON	
TRANSFORMER (DRY TYPE VPI) MFD. BY : PRIMA TRANSFORMERS PVT. LTD. RATING : 100 kVA VOLTS : 11000/433 V (at no- load) CURRENT : 5.25/133.34 Amps PHASES : 3/3 FREQUENCY : 50 Hz % IMPEDANCE : 5% WINDING : Copper VECTOR GROUP : Dyn11 GTD. LOAD LOSS AT 75°C :1550 W GTD. NO LOAD LOSS :550 W CLASS OF INSULATION : H MAX. AMBIENT TEMPERATURE : 50°C MAX. TEMP. RISE OF WINDING : 115°C	ERDA SAMPLE CODE No; F SERIAL NO. : 112 COOLING : AN YEAR OF MFG. : 2012 ENCL. DRG NO.: 1. Name plate 2. B0502323	e drawing	
TEST DETAILS As per sheet 2 of 7	TEST SPECIFICATION As per sheet 2 of 7		
TEST RESULTS : As per sheets 3 of 7 to 7 o			
TESTS WITNESSED BY : Mr. Balkrishna B. Dhinora (Production and Design Manager, M/s Prima Transformers Pvt. Ltc REMARKS : 1.The transformer conforms to the guaranteed requirement as per above mentioned test specification for test nos. 2 to 4 & 6 to 8. 2.Criteria limit has not been specified for test no.1 & 5.		ent as per above	
PREPARED BY CHEC	KED BY	APPROVED BY	
PREPARED BY CHECKED BY APPROVED BY Note : 1. This report relates only to the particular sample received for testing in good condition at E.R.D.A. 2. This report cannot be reproduced in part under any dircumstances. 3. Publication of this report requires prior permission in writing from Director , E.R.D.A. 4. Only the tests asked for by the customer have been carried out. C.R.D.A. C.R.D.A.			
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ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

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(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt, of India) P. 3, 780. ERDA Road, Makerpure Industrial Estate, Vedodara-390 010, India Gram, ELECSEAPCH EPABX : +01 (0265) 2642942, 2642964, 2642977, 2642557, 2535300, 2635253, 2657784, 2637785, Fax : +91 (0265) 2638382. E-mail : erda@erda.org , dir@erda.org , adir@erda.org



SHEET: 1 OF 4

	NAME & ADDRESS OF CUSTOMER	REPORT NO. : PHV / 03 (26/ DATE (25.05.2007		
	PRIMA TRANSPORMERS PVT. LTD	CUSTOMER REF. NO.	DATE	
	PLOT No. 809/2, KOTHARI CHAR RASTA, SANTEJ-382721	Nil	31.03.2007	
	TAL KALOL DIST. GANDHINAGAR	DATE OF SAMPLE RECEIPT	DATE OF TESTING	
	GUTARAT.	14:05:2007	14.05.2007 & 15,05.2007	
	SAMPLE DESCRIPTION	SAMPLE IDENTIFI	CATION	
~	DRY TYPE CONTROL TRANSFORMER MFD. BY : Prima Transformers Pvt. I.44 RATING : 25kVA VOLTS : 690/230 V (at no load)	TRANSFORMER SR NO : 33- PART CODE: OXRD34HOX	050307	
	PHASES : 3 FREQUENCY 50 Fz VECTOR GROUP : Dyn S INSULATION CLASS. F	ERDA ID NO. : PHV-219		
	TEST DETAILS). EFFICIENCY OF TRANSFORMER. 2. REGULATION OF TRANSFORMER. 3. TEMPERATURE RISE TEST (CI no.17 & customer's roy.)	TEST SPECIFIC AS PER 15 : 11171 - 198 AND CLISTOMER'S REQU	5, IS: 2026-1935	
	TEST RESULTS : As per sheet 2 to 4		,	
	REMARKS : The above mentioned test were as pei sheet 2/to 4.	conducted as per above mentioned spec	fication and results are	
	NOTE : Only the tests asked list by the c	ustomer have been parried out.	1	
94 194	PREPARED BY CHECKED		3 BY	
	Note : 1. This report relates only to the particulat E.R.D.A. 2 This report cannot be reproduced 3 Publication of this report requires prior	dar sample received for testing it g	ood condition	

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TEST DATE	F REPORT NO : PHV/03/26/ E : 25.05/2007	SHEET: 2 OF 4	
TEST	FRESULTS:	19870	
[1]	EFFECTENCY OF TRANSFORMER :		
	1) At 0.6 power Factor	: 95.88 %	10
	2) At Unity power Factor	: 96.67 %	- 22
[2] R	RECTATION OF TRANSFORMER :		
	1) Percentage Regulation at 0.8 (Lag) power Factor	: 1.909 %	
	2) Percentage Regulation at Unity power Factor	1.766 %	
	· · · · · · · · · · · · · · · · · · ·		
PREI	AREA HY CHECKED BY		

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 B. 766, ERDA Road, Makapura Industrial Estate, Vadodara 300 010, India Gram : ELECSEARCH LPABX -91 (0265) 2512042, 2612964, 2642377, 2642557, 2335300, 2635253, 2657784, 2667785.
 Fax -91 (0265) 2638982, F-mail: arch:Starda org., dir Rouda.org., adir Rouda.org.



DATI	EREPORT NO: PHV/03/267 E 25.05.2007		SHEET: 5 OF 4
dec 1 c s	RESULTS :		
	EMPERATURE RISE TEST (Customer's requirements requirements) simulated load method	iremen	is)
[A]	Tomporature rise test by application of rated o	oltage:	
sleady of trai	Rated voltage was applied to the LV windi open circuited, till steady state temperature was r state condition of temperature. RTDs: Thermos isformer:	attaine	d. For the purpose of determining the
	 Center of top yoke on core. Innormost low voltage winding conductor at . 	he top c	f winding an middle obase
The id down cateal		achievi	ng the steady state condition, shut
The is down calcul OBSI	was taken to measure the het HV, LV winding t atec. ERVATION : nined results are recorded below]	achievi	ng the steady state condition, shut is and temperature rise were
The fo down calcal OBSI [Obt	was taken to measure the het HV, LV winding t later. ERVATION :	achievi esistano	ng the steady state condition, shut to and temperature rise were 38.77 °C
The fo down calcal OBSI [OBU a)	was taken to measure the het HV, LV winding t latex. ERVATION : hined results are recorded below] Temperature rise of core	achieve existance above r	ng the steady state condition, shut to and temperature rise were 38.77 °C rentioned condition no.1) of winding on
The fo down calcal OBSI [OBU a)	was taken to measure the het HV, LV winding t later. ERVATION : timed results are recorded below] Temperature rise of core (Measured by using the Thermocomple as per Innerrests high voltage winding conductor at middle phase.	achievi existanc above r the top	ng the steady state condition, shut to and temperature rise were 38.77 °C rentioned condition no.1) of winding on 27.27 °C
The is down calcul OBSI	was taken to measure the het HV, LV winding t atex. ERVATION : timed results are recorded below] Temperature rise of eoro (Measured by using the Thermocomple as per Innerexist high voltage winding conductor at	achievi existanc above r the top	ng the steady state condition, shut to and temperature rise state 38.77 °C rentioned condition no.1) of winding on 27.27 °C
The to down calcal OBSI [Obta a) b)	was taken to measure the het HV, LV winding t later. ERVATION : timed results are recorded below] Temperature rise of core (Measured by using the Thermocomple as per Innerrests high voltage winding conductor at middle phase.	achievi existanc above r the top	ng the steady state condition, shut to and temperature rise were 38.77 °C rentioned condition no.1) of winding on 27.27 °C
The fo down calcal OBSI [OBU a)	was taken to measure the het HV, LV winding t later. ERVATION : hined results are recorded below] Temperature rise of core (Measured by using the Thermacouple as per Innerestst high voltage winding conductor at middle phase. (Measured by using the Thermacouple as per	achievi existanc above r the top	ng the steady state condition, shut to and temperature rise were 38.77 °C tentioned condition no.1) of winding on 27.27 °C tentioned condition no.2)





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DAT	TREPORT NO: FHV/03/267 E 25:05:2007		SHEET: 6 OF 4
-	TRESULTS		
[B]	Temperature rise test by short circuit run with	rated	current :
stare trans {	Applying the voltage to the HV winding of winding and LV winding was kept short circuite condition of temperature, KTDs/Thermocouple former: 1) Center of top yoke on core. 2) Innermost low voltage winding conductor at :	d. For t is were	the purpose of determining the stead mounted on the following parts of
down	temperature of various parts were recorded. After r was taken to measure the hot HV, LV winding flated.		
	ERVATION: aimed results are recorded during the test [
R)	Temperature rise of core (Measured by using the Thermocouple as per	: atove i	34.44 ℃ rentioned condition no.14
b)	Intermost High voltage winding condu- on middle phase. (Measured by using the Thermocouple as per-	1	58. 4 °C
cì	Ambient temperature	17	30.16 °C
đ۶	Windling Temperature Rise of HV windling (Resistance method)	а,	73.35°C
e)	Windling Temperature Rise of LV winding (Resistance method.)	3	77.16 ^s C
	Final calculated temperature rise of winding f Of above mentioned procedure [A] & [B]	מלו דרמי	obtained results
a)	Temperature Rise of HV Winding (Resistance method).	4	89.45.°C
b)	Temperature Rise of LV Winding	:	89.78 °C
_			v
6).~?. Br		
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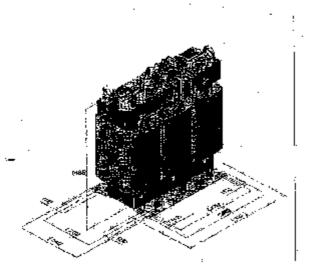
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PRIMA TRANSFORMERS PVT LTD

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3 PHASE 25 KVA AUTO TRANSFORMER 911 PITCH AUTO (3:1 STV)



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TECHNICAL DATASHEET

CUST PART CODE	XREPLIY
PTPL PART CODE	exebsatiox
Rated Supply Voltage (P)	[V AC] 3 X 690
Rated Supply Voltage (S)	[V AC] 3 X 230
Rated Prequency	[HŽ] 50/60
Rated output current	[A] 3 X 62,8
Raled output power	[VA] 25000
Phase	3 PN
Vector Group	Byn5
Insulation Class	F
Temperature Class	1F
Profection Index	19 09
Rated maximum amblant temper	ratu [°C] 40 (at rated output)
Dimension	320 X 242 X 435 mm
Mounting Olmension	250 X 210 mm
Total Weight	99.9 Kg
Efficiney	5 95%
Voltage Regulation	< 4%
Referance Standard	15 11171 & EN61558

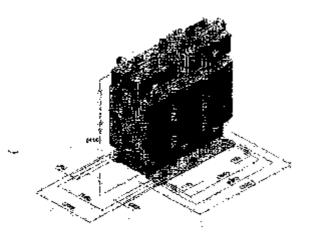


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PRIMA TRANSFORMERS PVT LTD

3 PHASE 16 KVA AUTO TRANSFORMER SUPPOCHAUTO (2.1 STV)



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TECHNICAL DATASHEET

GUST PART COBE	XRGPLTW
PTPL PART CODE	OXROJIHOX
Rated Supply Voltage (P)	[V AC] 3 X 690
Rated Supply Voltage (S)	[V AC] 3 X 230
Rated Frequency	[HZ] 50/60
Rated output current	[A] 3 X 41.7
Rated output power.	[VA] 16000
Phase	3 P.H
Vector Group	Dyn5
Insulation Claus	F
Temperature Class	F
Protection Index	IP 08
Rated maximum arabient tem	perstui[°C] 40 (at rated output)
Dimension	1320 X 200 X 410 mm
Mounting Dimension	250 X 160 mm
Total Weight:	69.750 Kg
Efficeincy	> 95%
Voltage Regulation	< 4%
Reterance Standard	IS 11171 & ENG1558

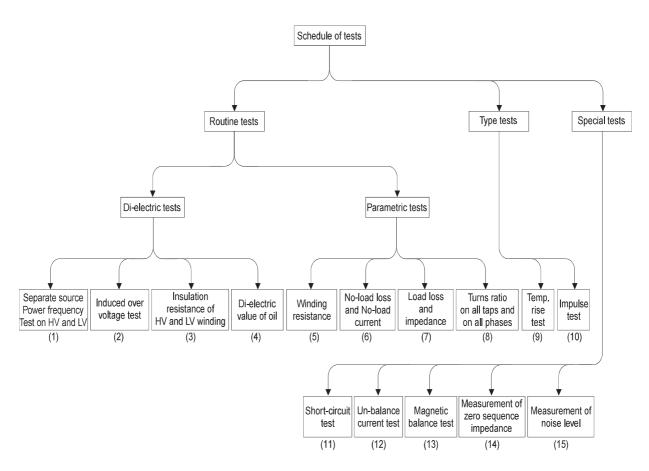
GERMAN 観察 2007 - 10 - 0. Plate



बीएच ईए	Gram : BHARATELEC
	Fax : 080-26740137, PHONE : 080- 26998443 Email : sdc@bheledn.co.i
	ಭಾರತ್ ಹಎ ಎಲಕ್ಟ್ರಕಲ್ಸ್ ಲಿಮಿಟಡ್
	भारत हेवी इलेक्ट्रिकल्स लिमिटेड
	Bharat Heavy Electricals Limited (A Government of India Undertaking) ELECTRONICS DIVISION P.B. No 2606, MYSORE ROAD, BANGALORE - 560 026. INDIA An ISO 9001, ISO 140001 & OHSAS 180001 Company
	<i>TO</i> <i>M/s PRIMA TRANSFORMERS PRIVATE LIMITED</i> <i>PLOT NO.809/2, KOTHARI CROSS-ROAD</i> <i>SANTEJ - 382721</i>
	Dear Sir,
	SUB: SUPPLIER REGISTRATION
	We are pleased to inform you that your company has been registered as a supplier with
	our unit of BHEL vide Supplier Code: <i>S386614</i> For the supply of : <i>CONTROL & POWER TRANSFORMERS</i>
	You are requested to quote the above supplier code for all correspondence with us.
	Please note the following:
	1. You can access the details of purchase enquiries, purchase orders and payment from the web. A brief write up along with login ID & password is enclosed.
944	 Payments are made only thro' <i>Electronic Fund Transfer</i> (EFT). Hence, you are requested to fill up the enclosed EFT form and submit to us immediately.
	3. Also, please intimate us if any change in address, phone, fax, email ID etc., in future to update our records.
	With best wishes,
	BANGALORE Truly yours,
	DATE :24.09.2011 (DHARMARAJU BK)
÷	Sr. Manager (Supplier Development Cell)
	पंजीकृत कार्यालय : ' भेल हाउस ' , सिरी फोर्ट , नई दिल्ली – 110 049 Regd. Office : BHEL House, Siri Fort, New Delhi – 110 049 Website: www.bhel.com



TEST CARRIED OUT BY PRIMA



Schematic diagram indicating the schedule of tests



CUSTOMER GUIDELINE TO ORDER

A transformer is a static piece of electrical equipment which transfers power from one voltage system to another by means of electromagnetic induction. The reason for using a transformer is to match the voltage of the load to line voltage supplied by the utility.

MINIMUM SPECIFICATION REQUIRED TO ORDER				
Transformer	Reactor / Inductor	СТ		
No of Phase (1,2,3 PH)	No of Phase (1,2,3 PH)	No of Phase (1,2,3 PH)		
VA Rating / Load Current	KW / HP rating	VA Burden		
Frequency	Frequency	Frequency		
Primary voltage	System Voltage AC/DC	System Voltage		
Secondary voltage	Inductance / % Voltage Drop	Current Ration in AMP		
Vector Group	AMP	Accuracy class		
Туре	Туре	Туре		
Application	Application	Application (Metering/ Protection)		
IP	IP	IP		



INFORMATIION DESK FOR CUSTOMER.

WHAT IS AN ISOLATION TRANSFORMER ?

An isolation transformer, also referred to as an insulating transformer, is one where the primary and secondary windings are separate, as opposed to an autotransformer where the primary and secondary share a common winding

The Isolation transformer will offer you several advantages listed below.

- Ensures consistent control voltage, as it is derived from 2 phases, rather than a phase & neutral
- Since primary is isolated from secondary; any disturbance on main line is not reflected on control voltage
- Disturbances like welding strikes, lightning will not damage panel.
- Voltage control is possible by changing tapings, where grid voltage is low or high.
- Flexibility to select 110V/220V for export market.
- Ultra isolation is available for very sensitive electronics.

An **isolation transformer** is a transformer, often with symmetrical windings, which is used to decouple two circuits. An isolation transformer allows an AC signal or power to be taken from one device and fed into another without electrically connecting the two circuits. Isolation transformers block transmission of DC signals from one circuit to the other, but allow AC signals to pass. They also block interference caused by ground loops. Isolation transformers with electrostatic shields are used for power supplies for sensitive equipment such as computers or laboratory instruments.

In electronics testing, troubleshooting and servicing, an isolation transformer is a 1:1 power transformer which is used as a safety precaution. Grounded objects near the device under test (desk, lamp, concrete floor, oscilloscope ground lead, etc.) may be at a hazardous potential difference with respect to that device. By using an isolation transformer, the bonding is eliminated, and the shock hazard is entirely contained within the device.

Isolation transformers are also used for the power supply of devices not on ground potential Isolation transformers are commonly designed with careful attention to capacitive coupling between the two windings. This is necessary because excessive capacitance could also couple AC current from the primary to the secondary. A grounded shield is

Commonly interposed between the primary and the secondary. This greatly reduces the coupling of common-mode noise present on supply conductors.



Differential noise can magnetically couple from the primary to the secondary of an isolation transformer. This requires other measures, such as a filter, to block differential noise from the secondary of an isolation transformer.

Galvanic isolation is the principle of isolating functional sections of electric systems so that charge-carrying particles cannot move from one section to another, i.e. there is no electric current flowing directly from one section to the next. Energy and/or information can still be exchanged between the sections by other means, however, such as by capacitance, induction, electromagnetic waves, optical, acoustic, or mechanical means.

Galvanic isolation is used in situations where two or more electric circuits must communicate, but their grounds may be at different potentials. It is an effective method of breaking ground loops by preventing unwanted current from traveling between two units sharing a ground conductor. Galvanic isolation is also used for safety considerations, preventing accidental current from reaching the ground (the building floor) through a person's body.

WHY ISOLATION TRANSFORMER????

Most of the panel manufacturers are using phase & neutral as control voltage. This can have many problems like,

- In industry, neutral is not provided by electricity boards. The neutral is generated by local earth pits, which are not maintained.
- Due to this neutral does not guarantee perfect zero voltage with reference to earth.
- As a result the control voltage keeps on changing depending on load connected. The voltage many a time reduces below contactor holding voltage, resulting in mal functioning of panel.
- At many locations neutral and earth are not separate and are freely interchanged. Let us say some one connects welding transformer to the neutral/earth. Now the high striking voltage goes to control circuit, damaging PLC, control cards and costly electronics.
- Even a lightning passing through common earth/neutral will damage entire electronics.

To avoid frequent failure of electrical and electronics, we strongly recommend to us Prima's specially designed Isolation transformers.

The Isolation transformer will offer you several advantages listed below.

- Ensures consistent control voltage ,as it is derived from 2 phases, rather than a phase & neutral
- Since primary is isolated from secondary ,any disturbance on main line is not reflected on control voltage
- Disturbances like welding strikes, lightning will not damage panel.
- Voltage control is possible by changing tapings, where grid voltage is low or high.
- Flexibility to select 110V/220V for export market.
- Ultra isolation is available for very sensitive electronics.

CASE STUDY:

Prima Automation Pvt.Ltd. our group company is a leading Control Panel manufacturers and renowned name in Control Panels. More than 5000 control panels supplied by them are working



with isolation transformers. Their panel failure rate is just negligible. They use isolation transformer for all the panels they make.

WHY VPI DRY TYPE TRANSFORMER??

PRIMA (VPI) dry type transformers are ideal for most industrial and commercial applications. These transformers provide excellent mechanical and short-circuit strength, no danger of fire or explosion, no liquids to leak, less weight than comparable cast coil units, low total ownership costs and low initial costs

ADVANTAGES OF VPI OVER CAST RESIN TRNASFOMER (CRT)

SR		
no.	VPI Dry type Transformer	Resin Encapsulated Transformer
1	Zeroing corona generation is possible ,so to enable the transformer, not to fail prematurely	Zeroing corona generation is not possible, causing failure in coils during operation.
2	Economic to repair, since part of coil & copper can be easily replaced /rerived.	Impossible to repair the transformer, since recovery of copper & lamination not possible
3	The VPI /Epoxy shielded design has benefits of unequal environmental protection, high impulse level, low sound & superior short circuit strength.	Cracking of epoxy mould due to thermal cycling.
4	Less weight ,smaller dimension for easier handling & installation, fire resistance & no bursting of Tank	Heavier in weight, bigger dimensions hence, difficult in handling & installation.
5	VPI / Epoxy shield transformer are maintenance free	Less resistance to cracking, hence regular maintenance required.



WHY PRIMA TRANSFORMERS PVT. LTD.???

There are many benefits that Prima Transformers Pvt. Ltd. boasts of. Here is an account of some of them:

- EXPERIENCE: Being in existence for more than 5 years now and having the large number of clients that it has, Prima Transformers comes across as your time tested partner for the manufacturing of control transformers. Not only this but even its founders, i.e. A.B. Products and Prima Automation, have been in the business of manufacturing and marketing for more than two decades. Therefore, there is a large amount of experience that comes along with the company.
- 2. **SKILLED MANPOWER**: We hire experts from various fields to enhance the quality of work which is being delivered to our clients. The training of these recruits are also maintained at the highest level. All of this culminates into the sustenance of high quality product offering.
- 3. **ECONOMICA**L: The Company's products are economical when compared to the competitors' which are available in the market.
- 4. CUSTOMER SAFETY: Even the customers gain many advantages by working with Prima Transformers. Firstly, they can relieve themselves of the risk of sub standard quality and low rating products. The company comes across as a high quality product in all counts. The use of modern technology leads to the manufacturing of contemporary product models. Lastly, the manufacturing processes of the company are such that standard output of confirmed specifications is assured.
- 5. **ONE OF ITS KINDS MANUFACTURING FACILITY**: Prima Transformers has more 5500 square meters plant area, which is the largest in Gujarat in its kind of control transformers.
- 6. **DEDICATION TOWARDS QUALITY**: The Company leaves no stone unturned to make sure that the promised quality is being delivered to the customers.



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