RAMANUJ

A NAME OF BOLD APPROACH

CATALOGUE 2022-23



CERTIFIED ISO 9001:2015 COMPANY

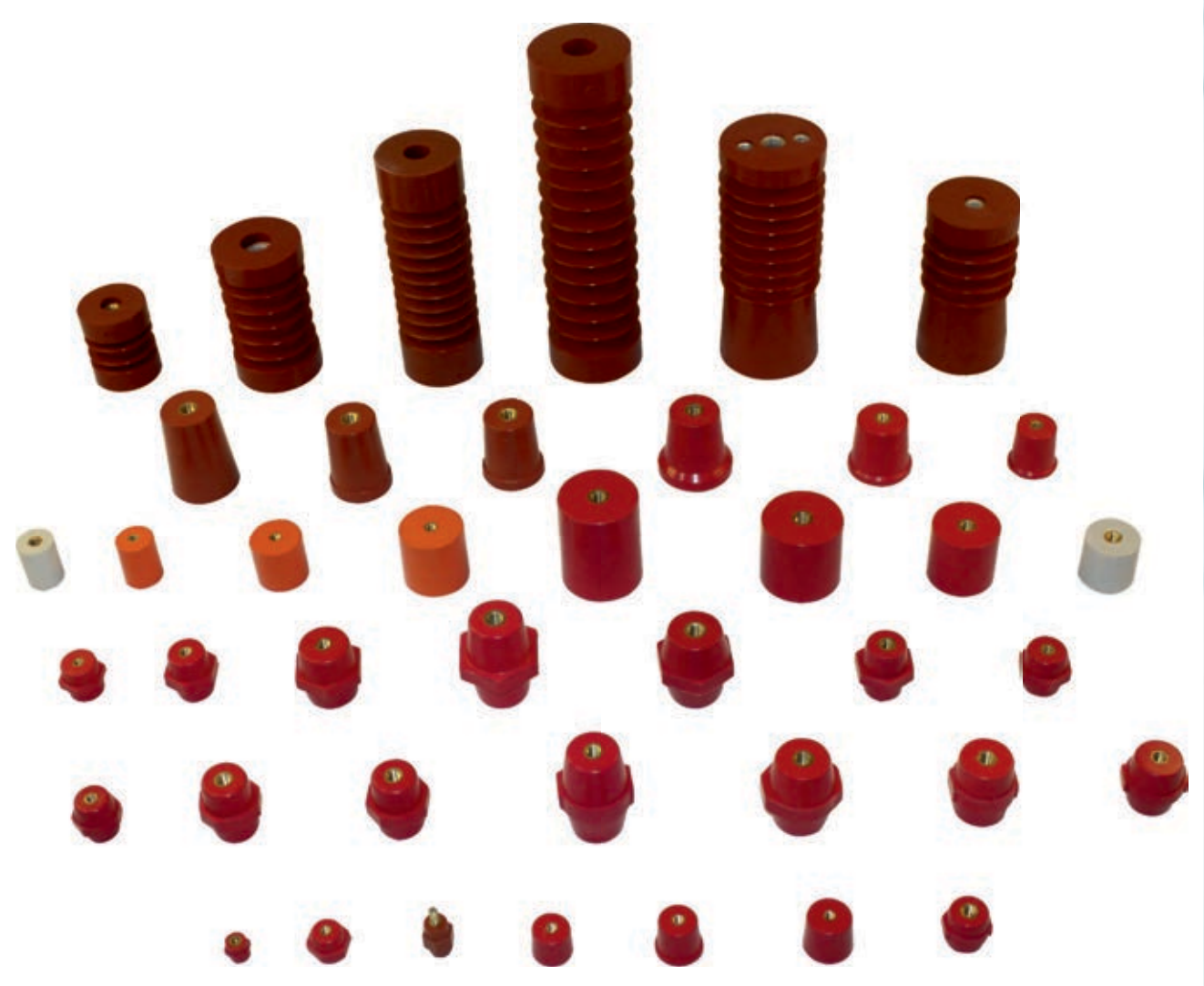
RoHS COMPLIANT

CPRI APPROVED

CE

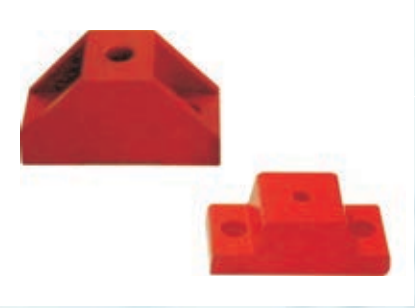
WIDEST RANGE

EPOXY & DMC MOULDED STAND OFF INSULATORS
SMC / DMC MOULDED FINGER, GRIP, EL-TYPE, SINGLE POLE SUPPORTS

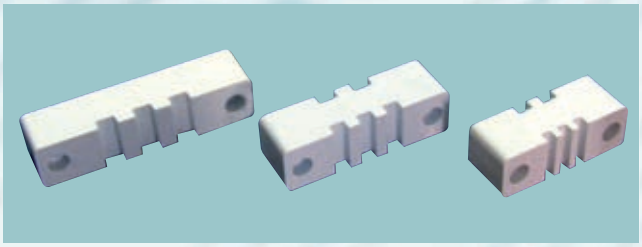












Customised solutions are also provided.

RAMANUJ Industries was incorporated in the year 1960 to manufacture quality components for Electrical Control Panels, Distribution Boards and Busbar supports. Innovation, Quality and price competitiveness are our key strengths and core values. The company produces a diverse range of products, in effect providing solutions to our customers both in India and overseas. Our range includes Stand Off Insulators and Busbar Supports in DMC,SMC, Polyamide along with HT, HV and LV Insulators and Transformer Bushings in Epoxy. We also manufacture a wide range of precision-built CT/PTs (Current and Potential Transformers). We manufacture CTs in Resin Cast, Tape Wound and ABS Molded Case with different Burden, Ratios and Insulation Class.

Design and innovation happens through careful understanding of the customer requirements. We are constantly developing new products to fill the gap that exists between customer needs and the current market.

Quality has always been the hallmark of every RAMANUJ product. Innovative product design matched with a streamlined manufacturing process, comprehensive testing and the best technology, result in a world class product that has gained the trust and loyalty of the customer over the past 59 years. Our products have been further certified and validated by multiple tests at independent leading laboratories such as ERDA and CPRI. We also have our own in-house compounding and raw material formulations that have been optimized by critical in-house testing and standardized for consistent quality and reliability and conform to international standards.

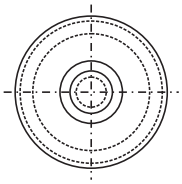
We strive to deliver solutions and not just products. This approach helps us in fulfilling some part of the social responsibility that we all have towards building our nation. Our customers are our partners, and in their success lies ours.

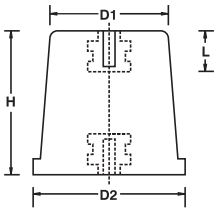
CONICAL SUPPORT

S.No.	Cat.No.	Dimensions D1	D2	H	Insert Size Thread	L	Price	Std. Pack.
1	CC 625	20	25	25	M6	8	14.00	100
2	CC 630	23	30	30	M6 or 1/4"	9	16.00	100
3	CC 635	28	35	35	M6	10	22.00	70
4	CC 830	28	33	30	M8	9	20.50	100
5	CC 835	28	35	35	M8	12	26.00	50
6	CC 840	33	40	40	M8 or 5/6"	12	30.00	50
7	CC 1050	40	50	50	M10	15	50.00	30
8	CC 105060	40	50	60	M10	15	70.00	30
9	CC 125060	40	50	60	M12	18	80.00	18
10	CC 1260	42	60	60	M12	18	90.00	15
11	CC 105070	40	50	70	M10	18	85.00	18
12	CC 125070	40	50	70	M12	18	90.00	18
13	C125575	43	55	75	M12	18.00	110.00	15
14	C125580	43	55	80	M12	21.00	125.00	15

* Introducing Eco Series with MS Inserts



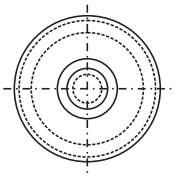


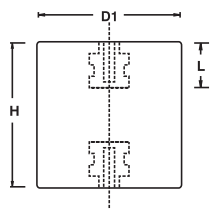


CYLINDRICAL SUPPORTS

S.No.	Cat.No.	Dimensions D1	D2	H	Insert Size Thread	L	Price	Std. Pack.
1	CL 625	25	25	25	M6	10	17.00	150
2	CL 630	30	30	30	M6	10	20.00	100
3	CL 830	30	30	30	M8	10	22.00	100
4	CL 63040	30	30	40	M6	12	25.00	100
5	CL 83040	30	30	40	M8	12	27.00	100
6	CL 840	40	40	40	M8	12	35.00	50
7	CL 1040	40	40	40	M10	13	40.00	50
8	CL 84050	40	40	50	M8	15	42.00	50
9	CL 104050	40	40	50	M10	15	48.00	50
10	CL 1050	50	50	50	M10	15	70.00	25
11	CL 1250	50	50	50	M12	16	85.00	25
12	CL 125060	50	50	60	M12	18	90.00	25
13	CL 1260	60	60	60	M12	18	130.00	20
14	CL 1660	60	60	60	M16	21	150.00	20
15	CL 126080	60	60	80	M12	21	155.00	15
16	CL 166080	60	60	80	M16	25	175.00	15





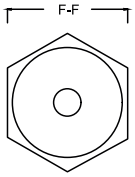


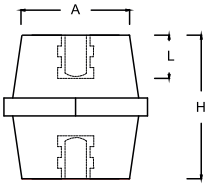
- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free.
- Insert : Brass, M.S. (Zinc Passivated), Alluminium.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

HEXAGONAL SUPPORT

S.No.	Cat.No.	Dimensions A	F-F	H	Insert Size Thread	L	Price	Std. Pack.
1	MH 415*	13	14	15	M4	6	14.00	100
2	MH 620	15	16	20	M6	8	16.00	100
3	H 625	21	25	25	M6	9	16.00	100
4	H 630	25	33	30	M6	9	18.50	100
5	H 830	25	33	30	M8	10	21.00	100
6	H 635	26	35	35	M6	12	25.00	50
7	H 835	26	35	35	M8	12	30.00	50
8	H 1035	26	35	35	M10	13	35.00	50
9	H 840	30	40	40	M8	12	30.00	50
10	H 1040	30	40	40	M10	13	35.00	50
11	H 845	30	40	45	M8	15	36.00	50
12	H 1045	30	40	45	M10	15	44.00	50
13	H 850	35	45	50	M8	15	47.00	25
14	H 1050	35	45	50	M10	15	55.00	25
15	H 1250	35	45	50	M12	16	63.00	25
16	H 1060	38	50	60	M10	18	75.00	20
17	H 1260	38	50	60	M12	18	85.00	20
18	H 1075	38	55	75	M10	21	90.00	15
19	H 1275	38	55	75	M12	21	105.00	15





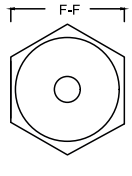


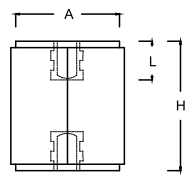
* Available in Polyamide
* Introducing Eco Series with MS Inserts



FULL HEXAGONAL TYPE INSULATORS

S.No.	Cat.No.	Dimensions A	F-F	H	Insert Size Thread	L	Price	Std. Pack.
1	FH 62525	21	25	25	M6	9	14.00	100
2	FH 82525	21	25	25	M8	9	15.00	100
3	FH 63025	21	25	30	M6	9	16.00	100
4	FH 83025	21	25	30	M8	10	17.00	100
5	FH 84035	32	35	40	M8	12	30.00	50
6	FH 104035	32	35	40	M10	13	35.00	50
7	FH 85045	42	45	50	M8	15	57.00	30
8	FH 105045	42	45	50	M10	15	60.00	30
9	FH 125045	42	45	50	M12	16	70.00	30



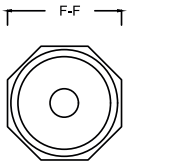


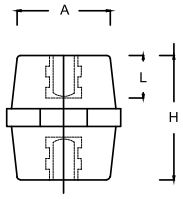
- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free.
- Insert : Brass, M.S. (Zinc Passivated), Alluminium.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.



OCTAGONAL SUPPORT SERIES

S.No.	Cat.No.	Dimensions A	F-F	H	Insert Size Thread	L	Price	Std. Pack.
1	OS 635	25	32	35	M6	12	25.00	50
2	OS 835	25	32	35	M8	12	27.00	50
3	OS 850	31	41	50	M8	15	38.00	30
4	OS 1050	31	41	50	M10	15	48.00	30
5	OS 12100	52	85	100	M12	25	210.00	10

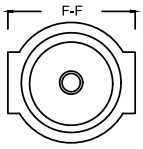


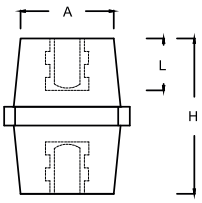


DRUM SUPPORT SERIES

S.No.	Cat.No.	Dimensions A	F-F	H	Insert Size Thread	L	Price	Std. Pack.
1	D 625	16	21	25	M6	9	15.00	100
2	D 630	25	31	30	M6	9	18.00	100
3	D 830	25	31	30	M8	10	21.00	100
4	D 835	26	32	35	M8	12	27.00	50
5	D 840	31	39	40	M8	12	28.00	50
6	D 845	32	41	45	M8	15	36.00	50
7	D 850	36	48	50	M8	15	47.00	25
8	D 1050	36	48	50	M10	15	55.00	25
9	D 1060	38	52	60	M10	18	70.00	20
10	D 1075	41	55	75	M10	21	85.00	15
11	D 1275	41	55	75	M12	21	100.00	15





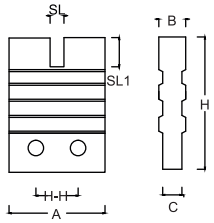


- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free.
- Insert : Brass, M.S. (Zinc Passivated), Alluminium.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

FINGER TYPE INSULATORS

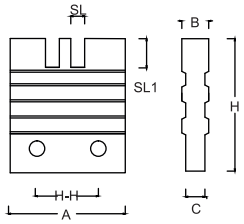


S.No.	Cat.No.	Slot		Dimensions					Price		Std. Pack.
		SL	SL1	A	B	C	H	H-H	DMC	SMC	
ONE WAY											
1	W 106	7.20	15	60	14	10	70	32	23.00	30.00	40
2	W 110	11.00	15	60	14	10	70	32	23.00	30.00	40
3	W 112	13.20	15	60	14	10	70	32	23.00	30.00	40
4	K 106	7.20	15	70	20	16	70	40	35.00	48.00	25
5	K 110	11.00	15	70	20	16	70	40	35.00	48.00	25
6	K 112	13.20	15	70	20	16	70	40	35.00	48.00	25



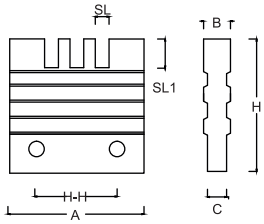
TWO WAY

1	W 206	7.20	15	60	14	10	70	32	23.00	30.00	40
2	W 210	11.00	15	60	14	10	70	32	23.00	30.00	40
3	W 212	13.20	15	60	14	10	70	32	23.00	30.00	40
4	K 206	7.20	15	70	20	16	70	40	35.00	48.00	25
5	K 210	11.00	15	70	20	16	70	40	35.00	48.00	25
6	K 212	13.20	15	70	20	16	70	40	35.00	48.00	25



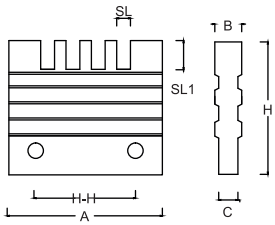
THREE WAY

1	K 306	7.20	15	70	20	16	70	40	35.00	48.00	25
2	K 310	11.00	15	100	20	16	70	50	48.00	70.00	18
3	K 312	13.20	15	100	20	16	70	50	48.00	70.00	18



FOUR WAY

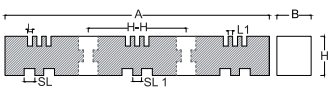
1	K 406	7.20	15	100	20	16	70	50	48.00	70.00	18
2	K 410	11.00	15	130	20	16	70	80	70.00	100.00	15
3	K 412	13.20	15	130	20	16	70	80	70.00	100.00	15



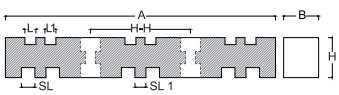
* Also Available in 5 way and 6 way.

- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free, SMC (Sheet Moulding Compound).
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

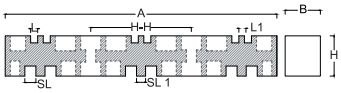
GRIP SUPPORT



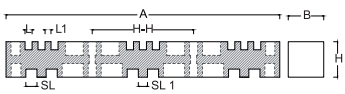
GS 32 P 306/211



GS 32 P 211/214



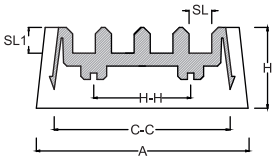
GS 61P 207/211

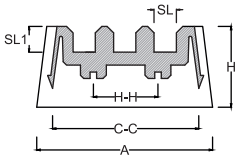


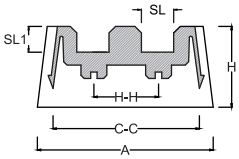
GS 61 P 211/307

S.No.	Cat.No.	Dimensions A	B	H	H-H	L	Slot L1	SL	SL1	Price	Std. Pack.
1	GS 31P 306/211	270	35.4	40	100	5	4.5	11	9	210.00	10
2	GS 32P 211/214	270	35.4	40	100	11	9	13.5	12.5	210.00	10
3	GS 61P 207/211	270	35	35	100	7	5.5	11	9	180.00	10
4	GS 61P 211/307	270	35	35	100	7	5.8	11	9	180.00	10
5	GS 32PN 306/211	370	35.4	40	105	11	9	7	6	250.00	10
6	GS 44P 207/211	410	40	45	187	7	6	11	10	390.00	10

GRIP SUPPORT*





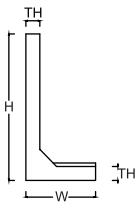


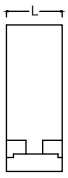
S.No.	Cat.No.	Dimensions A	B	H	H-H	C-C	SL	Price	Std. Pack.
1	PGS 407 (6mm x 4run)	65.5	60	25.5	30	54.5	6.87	32.00	60
2	PGS 307 (6mm x 3run)	54.4	48.3	25	20	45.3	6.87	30.00	60
3	PGS 210 (10mm x 2run)	54.4	48.3	25	29	45.3	10	30.00	60

* Polyamide Series

EL-SERIES



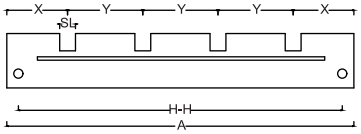




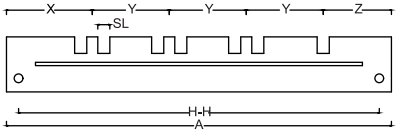
S.No.	Cat.No.	Dimensions W	L	H	TH	Price DMC	SMC	Std. Pack.
1	L 60	45	51	70	10	20.00	30.00	50
2	L 85	50	40	85	10	26.00	37.00	40
3	L 105	50	40	105	10	30.00	44.00	35
4	L 125	50	40	125	10	33.00	50.00	35

- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free, SMC Sheet Moulding Compound.
  * Engineering Grade Glass filled thermoplastic.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

TPN for SINGLE BUSBAR EACH PHASE



TPN 114/30



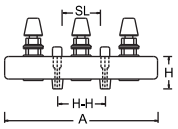
TPN 211/35

S.No.	Cat.No.	Dimensions A	B	H	H-H	SL	X	Y	Price	Std. Pack.
1	TPN 114/30	300	10	47	280	13.7	52.5	65	110.00	15
2	TPN 114/35	350	10	50	328	11	78	70	140.00	15

THREE PHASE CONNECTORS WITH FITTED BOLTS plus CAPS

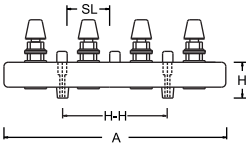
THREE PHASE CONNECTORS





TP1



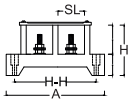


TPN1

S.No.	Cat.No.	Type	Bolt size	Dimensions A	B	H	H-H	SL	Price	Std. Pack.
1	TP 1	TP	1/4" X 30mm	90	24	32	30	25	48.00	25
2	TPN 1	TPN	1/4" X 30mm	120	24	29.5	58	25	60.00	20

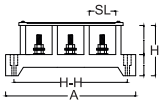
THREE PHASE CONNECTORS WITH MOULDED BOLTS plus COVER





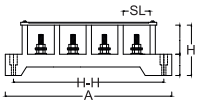
TSB 26/ 28





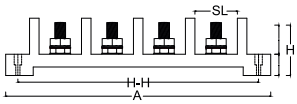
TSB 36/ 38





TSB 46/48





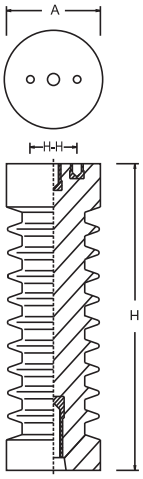
TSB 410/412

S.No.	Cat.No.	Connector Type	Bolt size	Dimensions A	B	H	H-H	SL	Price	Std. Pack.
1	TSB 26	DP	M 6 X 25	95	28.5	16 + 25	80	25	65.00	30
2	TSB 28	DP	M 8 X 30	95	28.5	16 + 25	80	25	70.00	30
3	TSB 36	TP	M 6 X 25	123	28.5	18 +28	107	25	80.00	20
4	TSB 38	TP	M 8 X 30	123	28.5	18 +28	107	25	95.00	20
5	TSB 46	TPN	M 6 X 25	160	28.5	18 +28	143	25	100.00	20
6	TSB 48	TPN	M 8 X 30	160	28.5	18 +28	143	25	125.00	20
7	TSB 410	TPN	M 10 X 30	250	35	26 + 34	215	25	285.00	7
8	TSB 412	TPN	M 12 X 30	250	35	26 + 34	215	25	310.00	7

* Also available in high tensile bolts

- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free, SMC (Sheet Moulding Compound).
- Caps : Polypropylene, Cover : Polycarbonate, PP Glass filled.
- Insert : Brass, M.S. (Zinc Passivated), Alluminium.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.





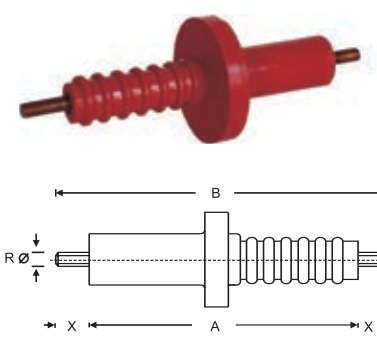
HT SUPPORT INSULATORS

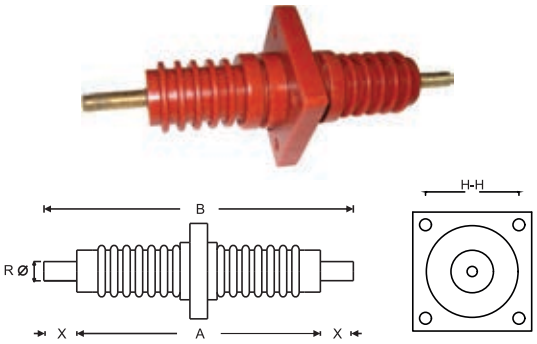
S.No.	Cat.No.		Voltage Rating	Dimensions AØ	H	H-H	Ribs (Nos)	Creepage	Insert Thread & Length			Price	Std. Pack.
1	HT 6175	Brass	3.5 Kv	61	75	36	2	100	M12 X 18	M10 X 18	M6 X 10	230	10
2	HT 6175	MS	3.5 Kv	61	75	36	2	100	M12 X 22	M10 X 20	M6 X 15	220	10
3	HT 6190	Brass	6.8 Kv	61	90	36	3	132	M12 X 18	M10 X 18	M6 X 10	320	10
4	HT 6190	MS	6.8 Kv	61	90	36	3	132	M12 X 22	M10 X 20	M6 X 15	295	10
5	HT 61130	Brass	12Kv	61	130	36	5	175	M16 X 37	M10 X 18	M6 X 12	410	6
6	HT 61130	MS	12Kv	61	130	36	5	175	M16 X 37	M10 X 22	M6 X 15	375	6
7	HT 68130	MS	12 Kv	68	130	38	5	210	M16 X 37	M10 X 22	-	520	6
8	HT 75130	Brass	12 Kv	75	130	46	5	175	M20 X 40	M16 X 30	M10 X 16	640	6
9	HT 75130	MS	12 Kv	75	130	46	5	175	M20 X 40	M16 X 37	M10 X 20	560	6
10	HT 75150	Brass	12 Kv	75	150	-	5	190	M12 X 22	M16 X 37	-	670	6
11	HT 75150	MS	12 Kv	75	150	-	5	190	M12 X 22	M16 X 37	-	575	6
12	HT 70210	MS	22 Kv	70	210	36	9	310	M16 X 37	M10 X 30	M6 X 15	645	1
13	HT 70220	MS	22 Kv	70	220	36	9	320	M16 X 37	M10 X 30	M6 X 15	670	1
14	HT 85210	MS	22 Kv	85	210	46	8	300	M20 X 40	M16 X 30	M10 X 20	950	1
15	HT 80300	MS	35 Kv	80	300	36	12	450	M16 X 60	M10 X 30	M6 X 15	1100	1
16	HT 100300	MS	35 Kv	100	300	47	11	410	M24 X 60	M16 X 60	M10 X 25	1900	1

*Also available in Cycloaliphatic Epoxy Resin suitable for outdoor use (Prices for Cycloaliphatic Epoxy on request)

- All Dimensions are in MM.
- Material : Epoxy Resin
- Insert : Brass, M.S. (Zinc Passivated), Alluminium.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

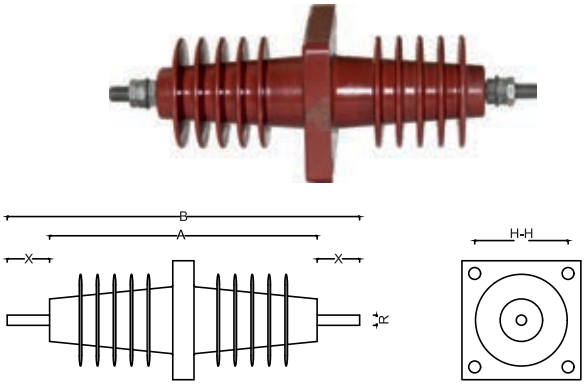
HV TRANSFORMER BUSHINGS WITH BRASS ROD





S.No.	Cat.No.	Voltage Rating	Dimensions A	B	Rod Ø	X	H-H	Creepage	Price
1	HV 2006	11Kv	155	200	M6	210	-	210	230.00
2	HV 2008	11KV	155	200	M8	210	-	210	320.00
3	HV 27012	11Kv	185	270	M12	295	55	295	850.00
4	HV 27016	11KV	185	270	M16	295	55	295	1350.00

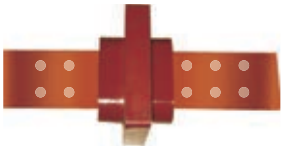
HV TRANSFORMER BUSHINGS WITH COPPER ROD

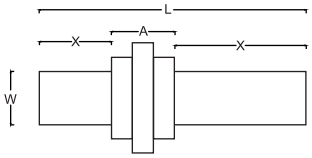


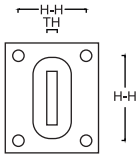
S.No.	Cat.No.	Voltage Rating	Dimensions A	B	Rod Ø	X	H-H	Creepage (Each Side)	Price
1	HV Bushing 320A	11 Kv	315	415	12	50	110	360	3550.00
2	HV Bushing 400A	11 Kv	315	415	16	50	110	360	4000.00
3	HV Bushing 850A	11 Kv	315	435	24	60	110	360	6500.00
4	HV Bushing 1250A	11 Kv	315	445	30	65	110	360	9300.00

- Any change in prices of Brass and Copper may effect the prices. Hence it is advisable to ask for a fresh qoutation at the time of order.
- All Dimensions are in MM.
- Material : Epoxy, Brass & Copper
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

LV TRANSFORMER BUSHINGS WITH COPPER FLAT*



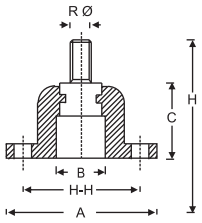




S.No.	Cat.No.	Voltage Rating	Dimensions			Copper Flat			Price
			A	X	H-H	L	W	TH	
1	LV Bushing 600 A	1.1 KV	75	65/85	80/100	225	50	10	3950
2	LV Bushing 1000 A	1.1 KV	75	65/85	80/100	225	50	12	4750
3	LV Bushing 1250 A	1.1 KV	75	85/155	80/100	315	63	12	7550
4	LV Bushing 1200 A	1.1 KV	75	85/155	80/100	315	63	19	10800
5	LV Bushing 3150 A	1.1 KV	75	85/155	90/100	315	75	25	16000
6	LV Bushing 4000 A	1.1 KV	85	110/155	90/100	350	150	20	29600
7	LV Bushing 5000 A	1.1 KV	85	110/155	90/100	350	150	25	35800

LV TRANSFORMER BUSHINGS WITH BRASS ROD*

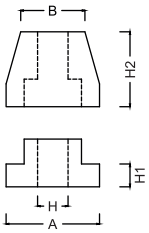




S.No.	Cat.No.	Voltage Rating	Dimensions						Stud/ Insert	Price
			A	B	C	H	H-H	R Ø		
1	LV Cup Type	1.1	88	30	42	42+25	65	22	M12	105.00

MALE FEMALE BUSHING



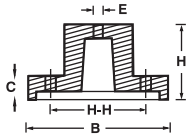


S.No.	Cat.No.	Voltage Rating	Dimensions				Sheet Cut Ø	Price
			A	B	H1 + H2	Hole Ø		
1	BCT 323810	1.1	32	22	8+30	11	21.5	19.00
2	BCT 374012	1.1	37	25	10+30	13	23	24.00

- *Any change in prices of Brass and Copper may effect the prices. Hence it is advisable to ask for a fresh qoutation at the time of order.
- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free Epoxy Resin, Brass & Copper.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.



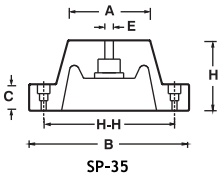




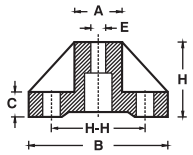
SP-30

SINGLE POLE BUSBAR SUPPORTS

S.No.	Cat.No.	Dimensions A	B	C	H	H-H	E	Price	Std. Pack.
1	SP 30	25	55	10	30	40	6	10.00	100
2	SP 35	40	88	15	35	65	7 & 8	19.00	30
3	SP 55	50	110	16	55	70	12	70.00	15
4	SP 65	52	110	27	65	70	16	100.00	10
5	SP 100	55	155	40	100	105	173	375.00	5



SP-35

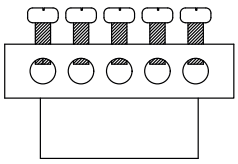


SP-55/65

NEUTRAL BARS

NEUTRAL BARS*

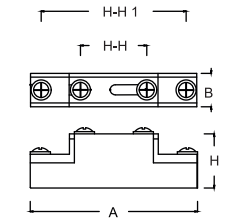
S.No.	Cat.No.	Current Rating	Screw Size	No. of Ways	Price	Std. Pack.
1	NB 16/32/4	32 Amps	M3	5	23.00	100
1	NB 32/4	32 Amps	M4	5	44.00	50
2	NB 32/6	32 Amps	M4	7	61.50	50
3	NB 32/8	32 Amps	M4	9	79.10	50
4	NB 32/12	32 Amps	M4	13	114.50	50
5	NB 63/12	63 Amps	M4	13	185.00	50
6	NB 63/16	63 Amps	M5	17	240.00	50
7	NB 63/36	63 Amps	M5	37	520.00	50



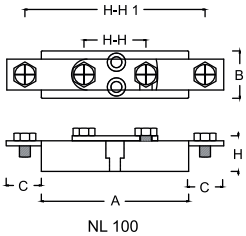
NEUTRAL LINKS

NEUTRAL LINKS*

S.No.	Cat.No.	Current Rating	Dimensions A	B	H	H-H	H-H1	Price	Std. Pack.
1	NL 16	16 Amps	77.61	8.5	28	42	55	47.00	60
2	NL 32	32 Amps	77.61	8.5	28	42	55	49.00	60
3	NL 63	63 Amps	77.61	13.5	28	42	55	142.00	30
4	NL 100	100 Amps	90	-	-	-	-	225.00	20



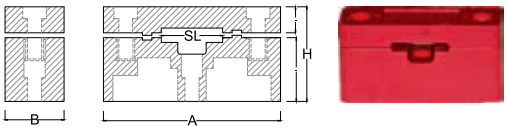
NL 16/32/63



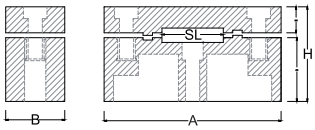
NL 100

- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free.
  * Base : Engineering grade glass filled thermoplastic, Bars : Nickle plated brass with MS Zinc passivated screws, Contacts : Brass with tinned finish.
- Insert : Brass, M.S. (Zinc Passivated), Alluminium.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

EARTHING STRIP INSULATORS



BC 325



BC 625/632



S.No.	Cat.No.	Dimensions A	B	H	SL	Suitable For Strip Size/Rod	Price	Std. Pack.
1	BC 325	75	25	27 + 11	26 x 3.5	25 x 3, 6mm dia	35	40
2	BC625/632	75	25	24.5 + 14	33 x 6	25 x 6, 32 x 6	40	25

*Also available in Eco Series.

HEAT SHRINKABLE SLEEVES

(For LT application, 160-170 Microns, Di-Electric Strength 2.5 to 5KV, Shrinkage 25% at 150oC)

S.No.	Layflat Size	Suitable for Busbar Sizes (MM)	Price/ Mt.	Std. Roll
1	15	6x4, 6x6	12.25	50 Mt.
2	17	10x3	12.52	50 Mt.
3	20	10x6, 12x3	10.80	50 Mt.
4	25	12x6, 15x3	10.65	50 Mt.
5	30	16x3, 18x6, 20x3	12.00	50 Mt.
6	35	20x6, 25x3	12.30	50 Mt.
7	41	25x6, 25x9	14.20	50 Mt.
8	48	25x12, 30x6, 30x10	16.80	50 Mt.
9	55	30x12, 38x6	18.95	50 Mt.
10	61	38x12, 40x6, 40x10	21.10	50 Mt.
11	73	50x6	25.60	50 Mt.
12	81	50x10, 50x12	28.00	50 Mt.
13	93	75x6	32.40	50 Mt.
14	103	75x12	37.90	50 Mt.
15	110	90x6, 90x12	40.45	50 Mt.
16	128	100x6, 100x9	47.00	50 Mt.
17	140	100x12	51.35	50 Mt.
18	170	125x6, 125x12	62.75	50 Mt.
19	190	150x6, 150x10, 150x12	70.00	50 Mt.
20	210	175x6, 175x10, 175x12	77.40	50 Mt.
21	230	200x12	84.50	50 Mt.



- All Dimensions are in MM.
- Material : DMC (Dough Moulding Compound) Hologen free, PVC.
- Insert : Brass, M.S. (Zinc Passivated), Alluminium.
- All Products are CE certified.
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.



BUILT WITH HIGH PRECISION & HIGH QUALITY MATERIALS TO PROVIDE HIGH MEASURING ACCURACY, PROTECTION & LIFE

Instrument Transformers are the most vital link for isolation in any power distribution system. The fact now recognized by industry is, that good quality, precision built CT/PTs are ultimately much more economical & provide trouble free efficient service for a longer period at minimum operational cost.

DESIGN, CHARACTERISTICS & RAW MATERIAL SPECIFICATIONS

The Current Transformer design and the Core must be carefully selected for its accuracy as excitation current is essentially subtracted from metered current and thus affects the ratio & phase angle of output current. In other words, “More the excitation current, less the accuracy of the CT”.

Keeping in view the above, we use low loss, high permeable, non ageing & non deteriorating CRGO Core. MUMETAL core is used where High Metering Accuracy is required.

Core winding is also calculated to evenly spread the stress and avoid concentration at any one point.

High quality insulation material and sufficient layers of PVC/fiberglass/cotton tape are provided to ensure optimum insulation. ABS covers used are fire retardant, mechanically strong with high di-electric strength and protect the CT's from humidity and dust.

Resin cast CTs are processed by hot curing method under completely controlled vacuum conditions. Sufficient curing period in the oven is allowed after molding to ensure perfect setting with smooth anti tracking surface. This results in an impermeable insulation which keeps the winding free from adverse effects of any vibration, moisture, fumes or other atmospheric interference.

QUALITY ASSURANCE:

We source our materials from top companies in their respective field. All inputs are allowed to enter the assembly line after passing all quality checks and tests so as to conform to set specifications.

Each product undergoes process testing during various different stages of production & after final finishing.

TEST LAB FACILITY:

We have an In House Lab facility to conduct Accuracy and Dielectric Insulation Tests.

All our CTs are process and final tested and test reports provided in our upgraded testing facilities on the Eltel - AITTS Plus which is NABL certified.

At suitable intervals, CTs are tested at independent Test labs like CPRI & ERDA.

Our Products are approved in many Government & Private Institutions of repute. Some of them are as under:

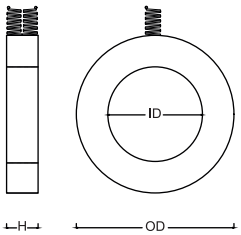
1. Power Grid Corporation 2. Central Power Research Institute 3. ERDA
4. Maharashtra State Electricity Board 5. Assam State Electricity Board
6. M.P. State Electricity Board 7. E.R.D.C.T Trivandrum 8. C. Dot
9. KITCO-Kerala 10. APDRP - Projects (in various states)
11. Centre for Advance Computing Thiruvananthapuram, Bangalore

Also being exported to various countries.

RING TYPE ABS ENCLOSED CTs

S.No.	Ratio	VA Burden	Class	ID	OD	Height	Price
1	30/5 to 75/5	5	5	30	75	45	725.00
2	100/5	5	1	30	75	45	925.00
3	150/5	5	1	30	75	45	925.00
4	200/5	5	1	40	93	45	715.00
5	250/5	5	1	40	93	45	695.00
6	300/5	5	1	40	93	45	785.00
7	400/5	5	1	55	110	40	675.00
8	500/5	5	1	55	110	40	665.00
9	600/5	5	1	55	110	40	675.00
10	800/5	5	1	80	125	40	875.00
11	1000/5	5	1	80	125	40	975.00
12	1200/5	5	1	80	125	40	1050.00
13	1500/5	5	1	80	125	40	1200.00

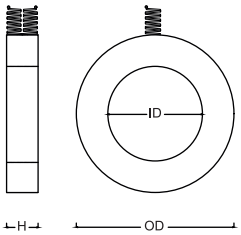




PVC TAPE WOUND CTs

S.No.	Ratio	VA Burden	Class	ID	OD	Height	Price
1	30/5 to 75/5	5	3	30	70	45	700.00
2	100/5	5	0.5	30	70	70	1380.00
3	150/5	5	0.5	30	70	45	1030.00
4	200/5	5	0.5	40	80	35	830.00
5	250/5	5	0.5	40	80	37	750.00
6	300/5	5	0.5	55	90	40	970.00
7	400/5	5	0.5	50	95	30	720.00
8	500/5	5	0.5	50	95	30	760.00
9	600/5	5	0.5	50	95	30	740.00
10	800/5	5	0.5	80	115	30	940.00
11	1000/5	5	0.5	80	115	30	1040.00
12	1200/5	5	0.5	80	115	30	1150.00
13	1500/5	5	0.5	80	120	30	1200.00
14	1600/5	5	0.5	80	130	30	1340.00
15	1800/5	5	0.5	90	130	30	1660.00
16	2000/5	5	0.5	90	150	30	2050.00
17	2500/5	5	0.5	90	150	30	2780.00
18	3000/5	5	0.5	110	180	30	3080.00
19	4000/5	5	0.5	110	180	30	3380.00



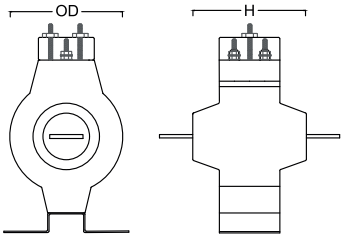


- All Dimensions are in MM ± 2MM.
- Customer specific ratios can be produced from 1 AMP onwards.
- Select ratios also available in: Class 0.2S, 0.5S, 0.5, 1, 3, 5 & 10, Burden 1, 3, 5, 10 & 15 VA
- PVC Tape Wound Protection class CTs also available.
- Material : Epoxy Resin, PVC, ABS.
- Insert/Terminals : Brass, M.S. (Zinc Passivated).
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

EPOXY CAST Wound Primary CTs

S.No.	Ratio	VA Burden	Class	ID	OD	H	Price
1	40/5	5	0.5	-	86	84	1270.00
2	50/5	5	0.5	-	86	84	1270.00
3	60/5	5	0.5	-	86	84	1250.00
4	75/5	5	0.5	-	86	84	1230.00
5	100/5	5	0.5	-	86	84	1200.00



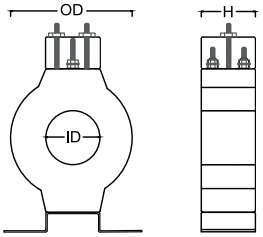


EPOXY CAST RING TYPE CTs

S.No.	Ratio	VA Burden	Class	ID	OD	Height	Price
1	30/5 to 75/5	5	3	30	90	45	800.00
2	100/5	5	0.5	30	80	75	1700.00
3	150/5	5	0.5	30	90	45	1275.00
4	200/5	5	0.5	40	90	40	1070.00
5	250/5	5	0.5	40	90	40	980.00
6	300/5	5	0.5	55	102	40	1200.00
7	400/5	5	0.5	60	100	35	950.00
8	500/5	5	0.5	55	110	40	980.00
9	600/5	5	0.5	55	110	40	950.00
10	800/5	5	0.5	80	130	40	1130.00
11	1000/5	5	0.5	80	130	40	1230.00
12	1200/5	5	0.5	80	130	40	1320.00
13	1500/5	5	0.5	80	130	40	1480.00
14	1600/5	5	0.5	80	130	40	1760.00
15	1800/5	5	0.5	80	130	40	1350.00
16	2000/5	5	0.5	80	130	40	2150.00
17	2500/5	5	0.5	100	180	40	2850.00
18	3000/5	5	0.5	110	180	40	3130.00
19	4000/5	5	0.5	110	180	40	3480.00







- All Dimensions are in MM ± 2MM.
- Customer specific ratios can be produced from 1 AMP onwards.
- Select ratios also available in: Class 0.2S, 0.5S, 0.5, 1, 3, 5 & 10, Burden 1, 3, 5, 10 & 15 VA
- PVC Tape Wound Protection class CTs also available.
- Material : Epoxy Resin
- Insert : Brass, M.S. (Zinc Passivated).
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.





EPOXY CAST 11 Kv METERING CTs

S.No.	Ratio	VA Burden	Class	Plate Size L	Plate Size B	Height	Price
1	5/5	10	0.5	255	135	220	8370.00
2	15/5	10	0.5	255	135	220	8600.00
3	50/5	10	0.5	255	135	220	8930.00

EPOXY CAST 11 Kv PROTECTION CTs

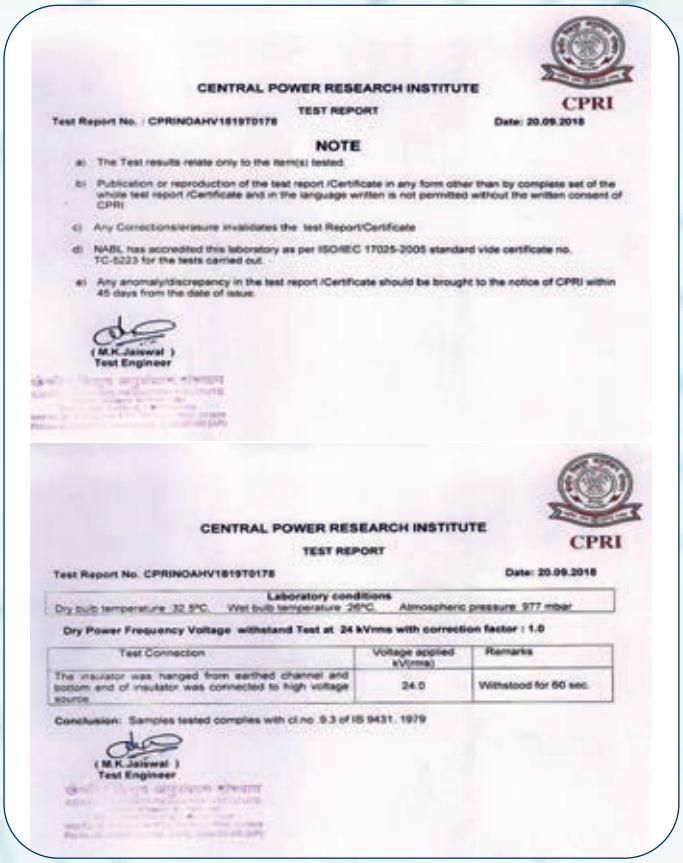
S.No.	Ratio	VA Burden	Class	Plate Size L	Plate Size B	Height	Price
1	50/5	10	0.5	280	150	230	9450.00
2	60/5	10	0.5	280	150	230	9700.00
3	125/5	10	0.5	280	150	230	11800.00

EPOXY CAST 11 Kv METERING & PROTECTION CTs

S.No.	Ratio	VA Burden	Class	Plate Size L	Plate Size B	Height	Price
1	60-30/5-5	15	0.5 & 5 P10	280	150	230	18600.00
2	200-100/5-5	15	0.5 & 5 P10	280	150	230	17650.00
3	400-200/5-5	15	0.5 & 5 P10	280	150	230	17000.00

- All Dimensions are in MM ± 2MM.
- Customer specific ratios can be produced from 1 AMP onwards.
- Select ratios also available in: Class 0.2S, 0.5S, 0.5, 1, 3, 5 & 10, Burden 1, 3, 5, 10 & 15 VA
- PVC Tape Wound Protection class CTs also available.
- Material : Epoxy Resin
- Insert : Brass, M.S. (Zinc Passivated).
- For technical details, torque values, test reports & application guide please refer to our website www.ramanujindustries.com.

TEST REPORT INSULATORS



CENTRAL POWER RESEARCH INSTITUTE

CPRI

TEST REPORT

Test Report No. : CPRINOAHV1819T0178 Date: 20.09.2018

NOTE

a) The Test results relate only to the item(s) tested.

b) Publication or reproduction of the test report /Certificate in any form other than by complete set of the whole test report /Certificate and in the language written is not permitted without the written consent of CPRI.

c) Any Corrections/erasure invalidates the test Report/Certificate

d) NABL has accredited this laboratory as per ISO/IEC 17025-2005 standard vide certificate no. TC-5223 for the tests carried out.

e) Any anomaly/discrepancy in the test report /Certificate should be brought to the notice of CPRI within 45 days from the date of issue.

(M.K.Jaiswal)
Test Engineer

CENTRAL POWER RESEARCH INSTITUTE

CPRI

TEST REPORT

Test Report No. CPRINOAHV1819T0178 Date: 20.09.2018

Laboratory conditions
Dry bulb temperature 32.9°C Wet bulb temperature 26°C Atmospheric pressure 977 mbar

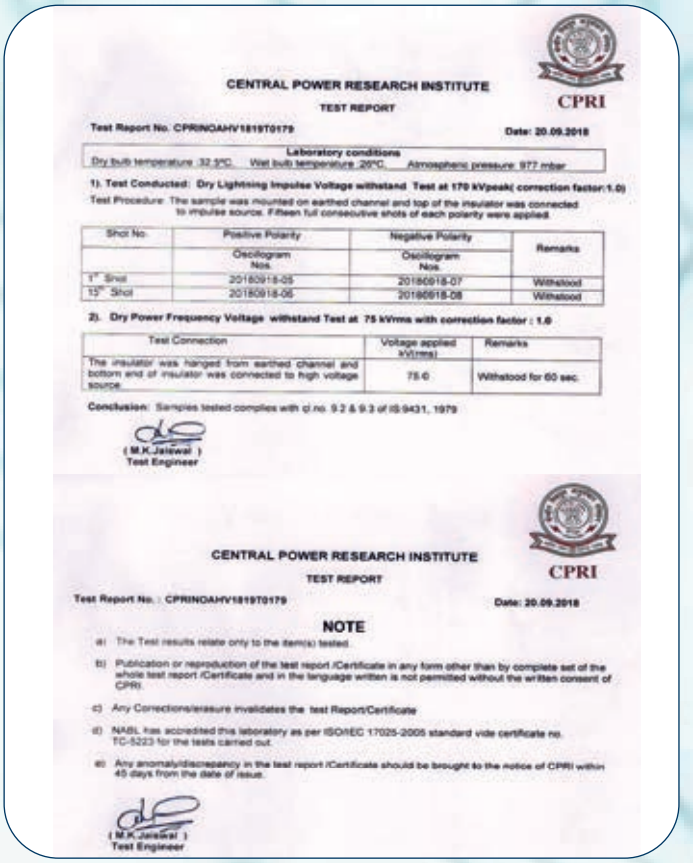
Dry Power Frequency Voltage withstand Test at 24 kVrms with correction factor : 1.0

Test Connection	Voltage applied kV(rms)	Remarks
The insulator was hanged from earthed channel and bottom end of insulator was connected to high voltage source	24.0	Withstood for 60 sec.

Conclusion: Samples tested complies with cl.no. 9.3 of IS 9431. 1979

(M.K.Jaiswal)
Test Engineer

DMC - LT Insulator - 1.2 kv
Dry Power Frequency Voltage Test



CENTRAL POWER RESEARCH INSTITUTE

CPRI

TEST REPORT

Test Report No. CPRINOAHV1819T0179 Date: 20.09.2018

Laboratory conditions
Dry bulb temperature 32.9°C Wet bulb temperature 26°C Atmospheric pressure 977 mbar

1). Test Conducted: Dry Lightning Impulse Voltage withstand Test at 170 kVpeak(correction factor:1.0)

Test Procedure: The sample was mounted on earthed channel and top of the insulator was connected to impulse source. Fifteen full consecutive shots of each polarity were applied.

Shot No.	Positive Polarity	Negative Polarity	Remarks
	Oscillogram Nos.	Oscillogram Nos.	
1st Shot	20180918-05	20180918-07	Withstood
15th Shot	20180918-06	20180918-08	Withstood

2). Dry Power Frequency Voltage withstand Test at 75 kVrms with correction factor : 1.0

Test Connection	Voltage applied kV(rms)	Remarks
The insulator was hanged from earthed channel and bottom end of insulator was connected to high voltage source	75.0	Withstood for 60 sec.

Conclusion: Samples tested complies with cl.no. 9.2 & 9.3 of IS:9431, 1979

(M.K.Jaiswal)
Test Engineer

CENTRAL POWER RESEARCH INSTITUTE

CPRI

TEST REPORT

Test Report No. : CPRINOAHV1819T0179 Date: 20.09.2018

NOTE

a) The Test results relate only to the item(s) tested.

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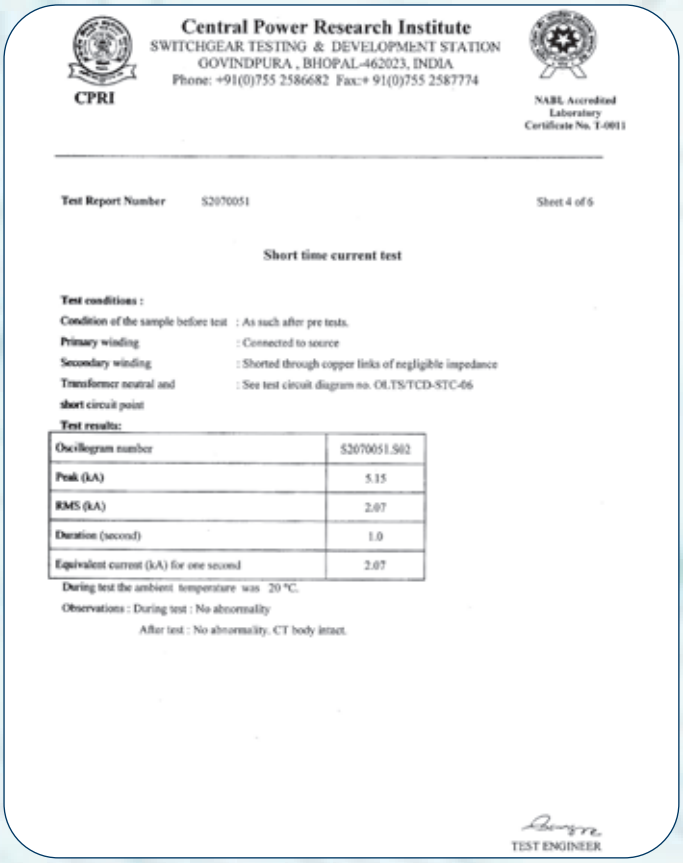
d) NABL has accredited this laboratory as per ISO/IEC 17025-2005 standard vide certificate no. TC-5223 for the tests carried out.

e) Any anomaly/discrepancy in the test report /Certificate should be brought to the notice of CPRI within 45 days from the date of issue.

(M.K.Jaiswal)
Test Engineer

Epoxy Resin - HT Insulator - 33 kv
Dry Lightning Impulse Test

TEST REPORT CURRENT TRANSFORMERS



Central Power Research Institute
SWITCHGEAR TESTING & DEVELOPMENT STATION
GOVINDPURA , BHOPAL-462023, INDIA
Phone: +91(0)755 2586682 Fax:+ 91(0)755 2587774

CPRI

NABL Accredited Laboratory Certificate No. T-0011

Test Report Number S2070051 Sheet 4 of 6

Short time current test

Test conditions :

Condition of the sample before test : As such after pre tests.
Primary winding : Connected to source
Secondary winding : Shorted through copper links of negligible impedance
Transformer neutral and short circuit point : See test circuit diagram no. OI.TS/TCD-STC-06

Test results:

Oscillogram number	S2070051.S02
Peak (kA)	5.15
RMS (kA)	2.07
Duration (second)	1.0
Equivalent current (kA) for one second	2.07

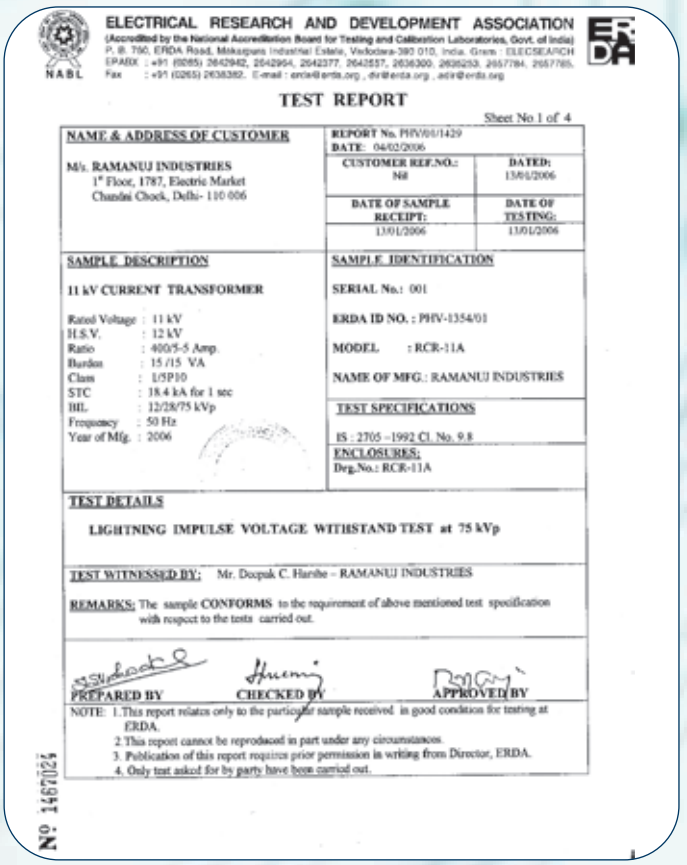
During test the ambient temperature was 20 °C.

Observations : During test : No abnormality

After test : No abnormality. CT body intact.

TEST ENGINEER

Resin Cost - LT CT
Short Time Current Test



ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION
(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)
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EPABX : +91 (0265) 2642942, 2642964, 2642377, 2643537, 2636300, 2635253, 2657784, 2657785.
Fax : +91 (0265) 2638392. E-mail : erda@erda.org , dir@erda.org , adr@erda.org

NABL

TEST REPORT

Sheet No 1 of 4

NAME & ADDRESS OF CUSTOMER	REPORT No. PHV/01/1429 DATE: 04/02/2006	
M/s. RAMANUJ INDUSTRIES 1st Floor, 1787, Electric Market Chandni Chock, Delhi- 110 006	CUSTOMER REF.NO.: Nil	DATED: 13/01/2006
	DATE OF SAMPLE RECEIPT: 13/01/2006	DATE OF TESTING: 13/01/2006

SAMPLE DESCRIPTION	SAMPLE IDENTIFICATION
11 kV CURRENT TRANSFORMER Rated Voltage : 11 kV H.S.V. : 12 kV Ratio : 400/5-5 Amp. Burden : 15 /15 VA Class : 1/5P10 STC : 18.4 kA for 1 sec BIL : 12/28/75 kVp Frequency : 50 Hz Year of Mfg. : 2006	SERIAL No.: 001 ERDA ID NO. : PHV-1354/01 MODEL : RCR-11A NAME OF MFG.: RAMANUJ INDUSTRIES TEST SPECIFICATIONS IS : 2705 – 1992 Cl. No. 9.8 ENCLOSURES: Drg.No.: RCR-11A

TEST DETAILS

LIGHTNING IMPULSE VOLTAGE WITHSTAND TEST at 75 kVp

TEST WITNESSED BY: Mr. Deepak C. Harithe – RAMANUJ INDUSTRIES

REMARKS: The sample CONFORMS to the requirement of above mentioned test specification with respect to the tests carried out.

PREPARED BY CHECKED BY APPROVED BY

NOTE: 1.This report relates only to the particular sample received in good condition for testing at ERDA.
2.This report cannot be reproduced in part under any circumstances.
3. Publication of this report requires prior permission in writing from Director, ERDA.
4. Only test asked for by party have been carried out.

No. 1467024

Resin Cost - HT CT - 11 kv
Accuracy & Impulse Test

CURRENT TRANSFORMERS



ABS ENCLOSURE CT



RESIN CAST (SQUARE)



HIGH FREQUENCY CT



PVC TAPE WOUND



11 Kv CT



RESIN CAST FOR ACB'S



RESIN CAST FOR DC DRIVE

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