

Adding Proud to your Profession



(An ISO 9001 : 2015 Certified Company)

Electrical Panel Boards Manufac



EB Panel Boards Manufacturer

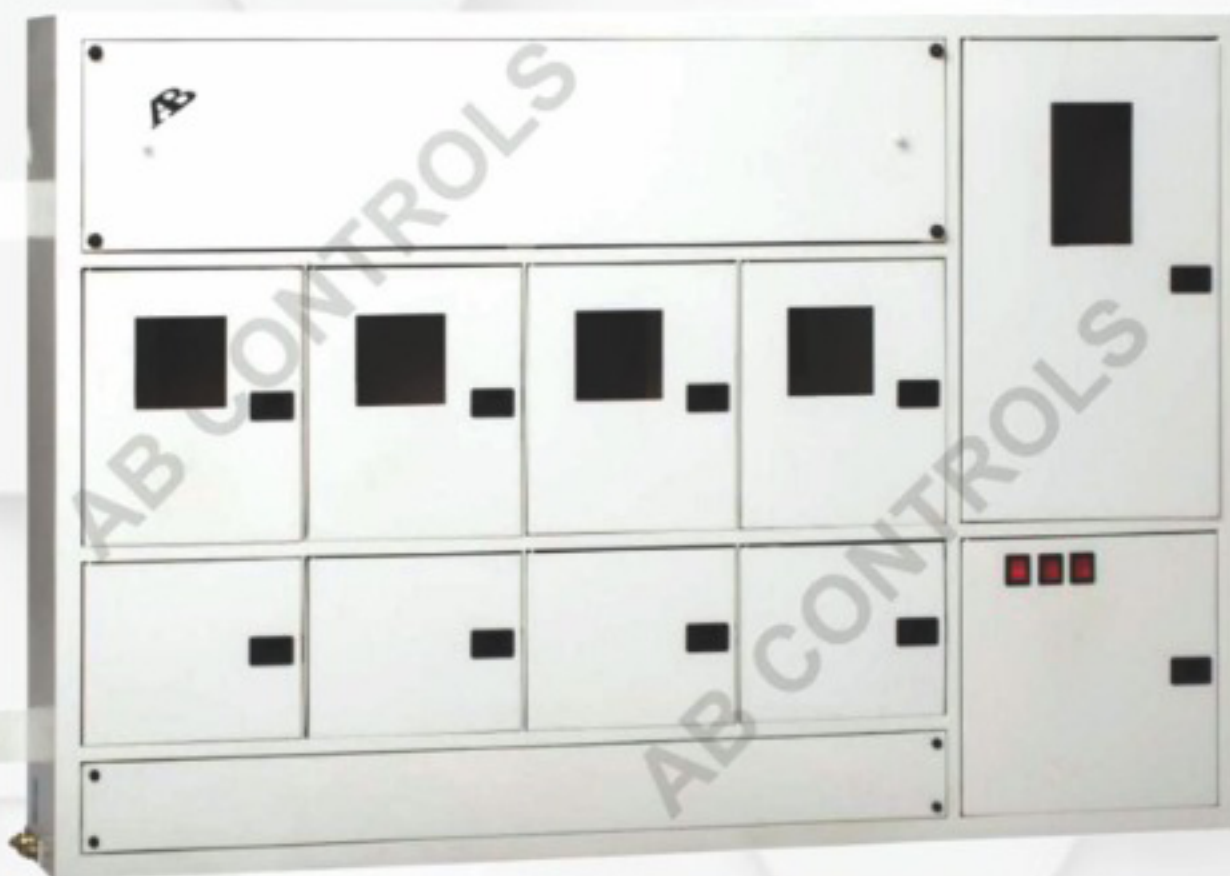
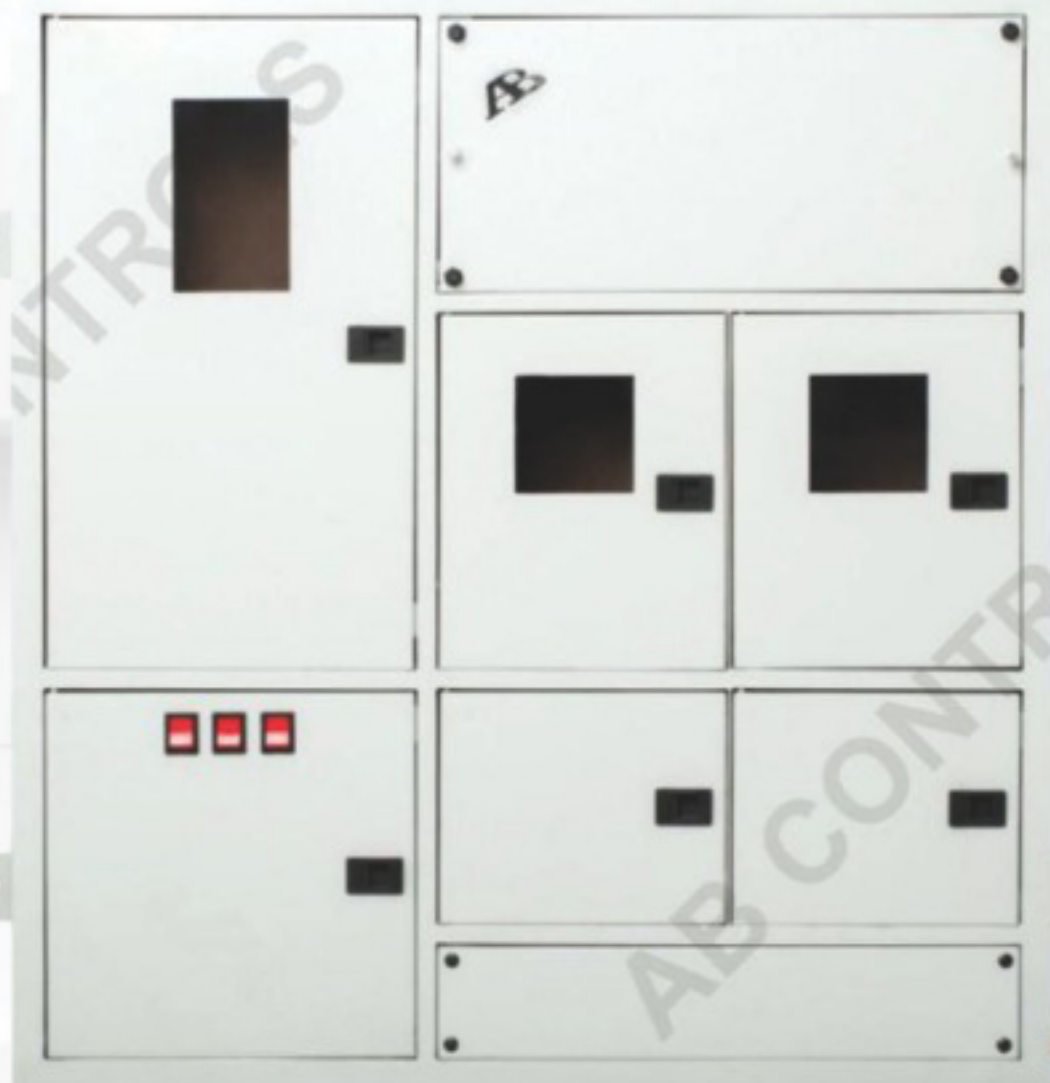


**EB Metering Panel Board
MCB Distribution Board
Sub Switch Board
Change Over Panel**

Single Door



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Fully insulated copper (Nickel plated) Bus bar.

Suitable for concealed and surface mounting.

Made as per TANGEDCO norms.

Powder coating : Proper 7 tank treatment, 100 microns thick powder coating

Double Door



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DB HIGH LIGHTS

- Suitable for Flush Mounting
- Fully insulated bus bar.
- Supplied with wire set.
- Available in CRCA sheet steel, RAL 9002, powder coated.
- With Neutral bar, Earth bar and cable ties for cable management.
- With provision for FP MCB / Isolator / RCCB / RCBO as income and SP MCBs as outpoint.
- With inbuilt 3 nos of 63A phase selector switches and 3 nos rocker Indicator (for phase selector DBs.)

Sub Switch Board & Changeover Panel



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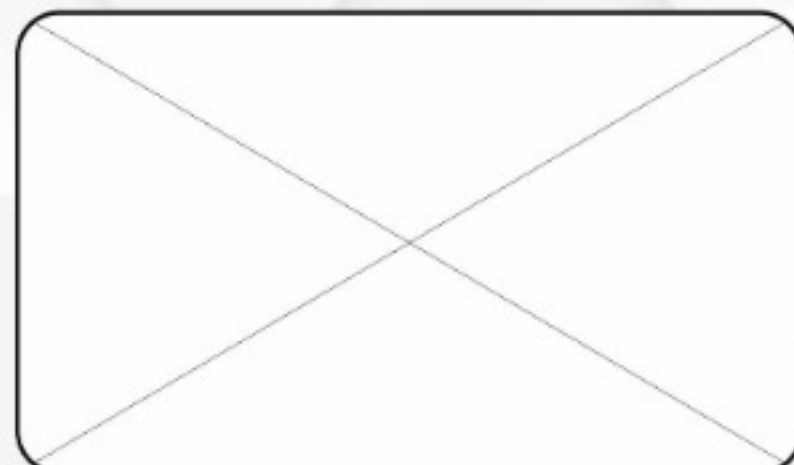
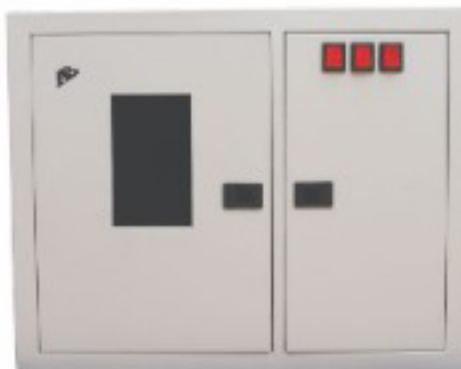
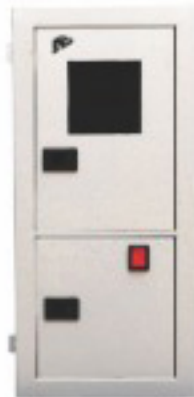
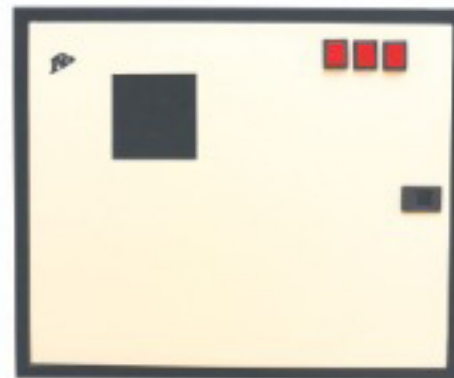
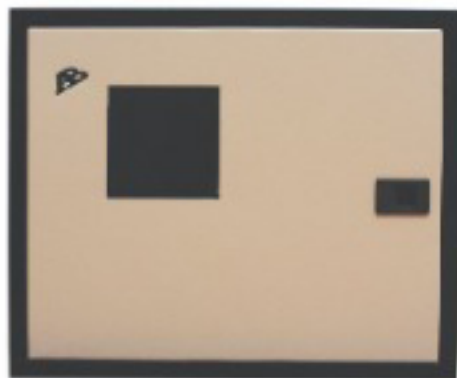
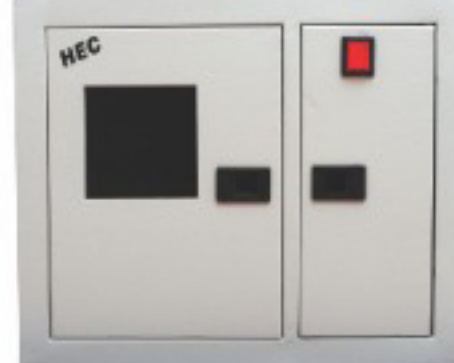
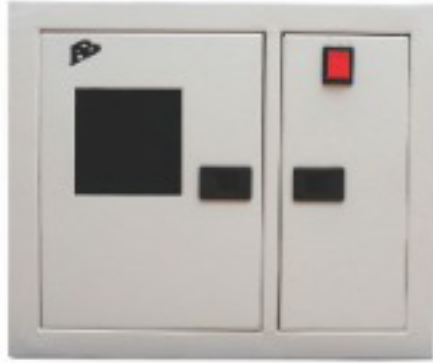




CT METERING PANEL

- Test block
- 20A Bakelite Fuses with 2A HRC links - 3 sets
- 6A 1 way switches with 3 Way gang box - 3 Nos
- Copper Bus Bar (Nickel plated) - 4R
- Floor mounting angle frame - height : 21".
- Made as per MRT drawing and specification.

Note : CT will be supplied from MRT with test certificate.



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Electrical Parameters

Size (Cross Sectional Area)	Max. Conductor D.C.Resistance at 20 C		Max. Conductor D.C.Resistance at 90 C		Reactance of Cable at 50 Hz (Approx.)	Capacitance of Cable (Approx.)	Normal Current Ration					
	Aluminium	Copper	Aluminium	Copper			For Aliminium Conductor			For Copper Conductor		
							Ground	Duct	Air	Ground	Duct	Air
Sqmm	Ohm/Km	Ohm/Km	Ohm/Km	Ohm/Km	Ohm/Km	uF/Km	Amps	Amps	Amps	Amps	Amps	Amps
4	7.41	4.61	9.48	5.90	0.098	0.11	34	28	30	44	37	39
6	4.61	3.08	5.90	3.94	0.090	0.13	43	37	40	55	47	50
10	3.08	1.83	3.94	2.34	0.084	0.16	57	48	53	74	61	67
16	1.91	1.15	2.44	1.47	0.080	0.18	78	61	70	94	78	85
25	1.20	0.727	1.54	0.931	0.080	0.20	95	80	99	120	100	125
35	0.868	0.524	1.11	0.671	0.080	0.23	116	94	117	145	120	155
50	0.641	0.387	0.820	0.495	0.078	0.24	140	110	140	170	145	190
70	0.443	0.268	0.567	0.343	0.077	0.26	170	140	176	210	175	235
95	0.320	0.193	0.411	0.248	0.074	0.29	200	165	221	250	210	290
120	0.253	0.153	0.325	0.197	0.072	0.29	225	185	258	285	240	330
150	0.206	0.1240	0.265	0.159	0.072	0.29	255	210	294	315	270	375
185	0.164	0.0991	0.211	0.127	0.072	0.29	285	235	339	355	300	435
240	0.125	0.0754	0.162	0.0976	0.072	0.31	325	270	402	410	350	510
300	0.100	0.0601	0.130	0.0778	0.071	0.33	370	305	460	460	390	590
400	0.0778	0.0470	0.1023	0.0618	0.070	0.33	435	350	542	520	440	670
500	0.0605	0.0366	0.0808	0.0489	0.070	0.34	481	405	624	580	480	750
630	0.0469	0.0283	0.0648	0.0391	0.069	0.36	537	470	723	680	575	875



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