

- B-21, Bhan Nagar, Queens Road, Jaipur-302021
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## POWER DISTRIBUTION BOARD (PDB)-1600A (WITH CAPACITOR BANK)



TM

Product	Description	Technical Details				
		Sr.No.	Material Detail	Make	UOM	Qty
<b>1600A Power Distribution Board with Capacitor (Outdoor Type)</b>	<p><b>1600A LT Power Distribution Board with Capacitor Bank;</b> Outdoor Panel (IP Class-54) with Capacitor 1600 Amp : Bus Bar Type Aluminum- 100 X 10 &amp; 100 X 10, Earth Bus 50 x 6 GI, Construction Type - Outdoor , Internal IP Class -67 , Size : 1900 x 2600 x 1000mm,Stand-400mm ( Made of ISA 50x50 x6) , Thickness Sheet -16 Gauge , Powder Coated, Paint Thickness 60-90 Micron , Synthetic enamel Paint RAL7035 ( 2 Coat ) , Epoxy Primer 1 Coat . Double Door with Pad Lock (Front and Back both side) . The Ground Clearance of Gland Plate 400mm. Auto Change Over Scheme - Not Required., with PAD Lock, SS Hinges ,Color - Siemens Finish Grey RAL 7035 ,Ceiling -Canopy Type, DC GLAND ,Wiring - Polycab/RR Cable /L&amp;T. Earthing for Doors, Rubber Gasket, Cable Entry from Bottom, Gland Plate 3mm Thickness etc. Panel Weight without Switch Gear -750 Kg and with Switch Gear -1100Kg ( Appx.)</p>	(A)	<b>Incomer from Transformer: 1250A MDO ACB Consisting of :</b>	IP54-16SWG,1900m (400m Stand) X 2600m x 1000m		
		1	1600A, TPN MDO ACB, 50KA,415V AC, Thermal Based Release for O/C, S/C & E/F. Auxiliary contact 2NO+2NC. S/T - 230VAC, Shunt Release 240v AC	L&T/Schneider/ABB	Nos	1
		2	CT, 1600/5A, 10VA, Class - 1.0 Tape Wound.(Metering)	Kalpa/ME/AE/Alpha	Nos	3
		3	Digital Multifunction Meter.	Secure/L&T/HPL	Nos	1
		4	Control MCB 6A 10KA.	L&T/Teknic/ABB	Nos	3
		5	Push Button for Reset.	L&T/Teknic	Nos	1
		6	CBCT with Earth Leakage Relay.	L&T-GIC/PIC	Nos	1
		7	Indicating Lamp, R,Y,B, Voltage - 230V AC	L&T/Teknic	Nos	3
		8	Neutral Link.	REPUTED	Nos	2
		(B)	<b>Outgoing Feeder Consisting of</b>			
		1	800A, TP+N MCCB, 36KA,415V AC, Microprocessor Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	1
		2	630A, TP+N MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	1
		3	400A, TP+N MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	4
		4	160A, TP+N MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		5	125A, TP+N MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		(C)	<b>Outgoing Feeder 150KVAR Capacitor Bank Consisting of :</b>			
		1	400A, TPN MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	1
		2	APFC Relay 5 stage+2 stage.	L&T	Nos	1
		3	Auto/Manual Selector Switch.	Kaycee	Nos	6



# AUMSHIVAY ENGINEERING PRIVATE LIMITED

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4	Control MCB 6A 10KA.	L&T/Teknic/ABB	Nos	6
5	Indicating Lamp, ON Voltage - 230VAC	L&T/Teknic	Nos	6
6	Push Button for Capacitor Bank ON & OFF.	L&T/Teknic	Nos	12
7	Neutral Link.	REPUTED	Nos	6
8	125A, TP MCCB	L&T/Schneider/ABB	Nos	2
9	50KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	2
10	50KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO.	L&T/Siemens	Nos	2
11	63A, TP MCB, 10KA,415V AC,	L&T/Teknic/ABB	Nos	1
12	25KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	1
13	25KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO.	L&T/Siemens	Nos	1
14	32A, TP MCB, 10KA,415V AC,	L&T/Teknic/ABB	Nos	2
15	10KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	2
16	10KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO	L&T/Siemens	Nos	2
17	16A, TP MCB, 10KA,415V AC,	L&T/Teknic/ABB	Nos	1
18	5KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	1
19	5KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO	L&T/Siemens	Nos	1
20	Panel Cost	-	KG	750

