



# AUMSHIVAY ENGINEERING PRIVATE LIMITED

- B-21, Bhan Nagar, Queens Road, Jaipur-302021
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## POWER DISTRIBUTION BOARD (PDB)-630A (WITH CAPACITOR)



TM

PRODUCT	DESCRIPTION	TECHNICAL DETAILS				
		Sr. No.	Material Description	Make	UOM	Qty
<b>Power Distribution Board 630A with Capacitor (Outdoor Type)</b>	<b>630A Power Distribution Board with Capacitor ;</b> Outdoor Panel (IP Class-54) with Capacitor 630 Amp : Bus Bar Type Aluminum-40 X 10 & 40 X 10, Earth Bus 50 x 6 Construction Type - Outdoor , Internal IP Class -67, Size : 2000 x 2200 x 600mm,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) . 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&T. Earthing for Doors, Rubber Gasket, Cable Entry from Bottom, Gland Plate 3mm Thickness etc. Panel Weight without Switch Gear -380 Kg and with Switch Gear -580Kg (Approx.).	(A)	<b>Incomer: 800A MCCB Consisting of</b>	IP54-16SWG, 2000m (400m Stand) X 2200m x 600m		
		1	630A, TPN MCCB, 36KA,415V AC, Thermal Based Release for O/C, S/C. S/T with rotary handle & spreader link also.	L&T/Schneider/ABB	Nos	1
		2	CT, 600/5A, 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	CBCT with Earth Leakage Relay.	L&T-GIC/PIC	Nos	1
		6	Indicating Lamp, R, Y, B, Voltage-230V AC	L&T/Teknic	Nos	3
		7	Neutral Link.	REPUTED	Nos	1
		(B)	<b>Outgoing Feeder Consisting of</b>			
		1	63A 4P RCCB 30mA.	L&T/Schneider/ABB	Nos	4
		2	125A, TPN MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		3	160A, TPN MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		4	250A, TPN MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		5	400A, TPN 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: 100KVAR Capacitor Bank Consisting of</b>			
		1	250A, TP 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
		4	Control MCB 6A 10KA.	L&T	Nos	6





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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	63A TP MCB	L&T	Nos	3
9	25KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	3
10	25KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO.	L&T/Siemens	Nos	3
11	32A TP MCB	L&T/Teknic/ABB	Nos	2
12	10KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	2
13	10KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO.	L&T/Siemens	Nos	2
14	16A TP MCB	L&T/Teknic/ABB	Nos	1
15	5KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	1
16	5KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO.	L&T/Siemens	Nos	1
17	Panel Cost	-	-	380

