



# AUMSHIVAY ENGINEERING PRIVATE LIMITED

- B-21, Bhan Nagar, Queens Road, Jaipur-302021
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## POWER DISTRIBUTION BOARD (PDB)-800A (WITH CAPACITOR)



TM

PRODUCT	DESCRIPTION	TECHNICAL DETAILS				
		Sr. No.	Material Description	Make	UOM	Qty
<b>800A Power Distribution Board with APFC</b>	Outdoor Panel (IP Class-54) with Capacitor 800 Amp : Bus Bar Type Aluminum- 50 X 10 & 50 X 10 , Construction Type - Outdoor , Internal IP Class -67 , Size : 2000x 2200 x 600mm,Stand-750mm ( Made of ISA 50x50 x6) , Thickness Sheet -16Guage , Powder Coated, Paint Thickness 60-90Micron , Synthetic enamel Paint RAL7035 ( 2 Coat ) , Epoxy Primer 1 Coat . Double Door with Pad Lock ( Front ) . The Ground Clearance of Gland Plate 750mm. 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 (750m Stand) X 2200m x600m		
		1	800A, TPN MCCB, 50KA,415V AC, Microprocessor Based Release for O/C, S/C. S/T-230VAC with Rotary handle & spreader link.	L&T/Schneider/ABB	Nos	1
		2	CT, 800/5A, 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, TPN MCCB, 25KA,415V AC, Thermal Release for O/C, S/C , with Rotary handle .	L&T/Schneider/ABB	Nos	2
		2	125A, TPN MCCB, 36KA,415V AC, Thermal Release for O/C, S/C.Spreeder Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		3	250A, TPN MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreeder Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		4	400A, TPN MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreeder Link with Rotary handle .	L&T/Schneider/ABB	Nos	2
		(C)	<b>Outgoing Feeder:150KVAR Capacitor Bank Consisting of</b>			
		1	400A, TP MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. Spreeder 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/Teknic/ABB	Nos	6
		5	Indicating Lamp, ON Voltage - 230VAC	L&T/Teknic	Nos	6





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6	Push Button for Capacitor Bank ON & OFF.	L&T/Teknic	Nos	12
7	Neutral Link.	REPUTED	Nos	6
8	125A, TP MCCB, 36KA,415V AC, Thermal Release for O/C, S/C. with Rotary handle .	L&T/Schneider/ABB	Nos	2
9	50KVAR Capacitor Bank , Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	2
10	50KVAR capacitor Duty ., 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
(D)	Panel Cost	-	KG	380

# KRISTAN

