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POWER DISTRIBUTION BOARD (PDB)-250A (WITH CAPACITOR BANK)



TM

Specification Chart

Product	Description	BOQ-Technical Specification & Details				
Power Distribution Board 250A with 50KVAR APFC	Power Distribution Board 250A with 50KVAR APFC; Outdoor Panel (IP Class-54) with Capacitor 250 Amp : Bus Bar Type Aluminum- 30 X 10 & 30 X 6 ,Construction Type - Outdoor , Internal IP Class -67 , Size : 1650 x 1450 x 600mm,Stand-400mm (Made of ISA 50x50 x6) , Thickness Sheet -16Gauge , 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 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 -300 Kg and with Switch Gear -450Kg (Approx.).	Sr.No.	Material Description	Make	UOM	Qty
		(A)	Incomer : 250A MCCB Consisting of	IP54-16SWG,1650m (400m Stand) X 1450m x 600m		
		1	250A, TP MCCB, 36KA, 415V AC, Thermal Release for O/C, S/C. Shunt trip, Spreader Link with Rotary handle.	L&T/Schneider/ABB	Nos	1
		2	CT,250/5A, 10VA, Class - 1.0 Tape Wound.(Metering)	Kalpa/ME/AE/Alpha	Nos	4
		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)	Outgoing Feeder Consisting of			
		1	125A, TPN MCCB, 36KA, 415V AC, Thermal Release for O/C, S/C. Spreader Link with Rotary handle.	L&T/Teknic/ABB	Nos	2
		2	63A, TPN MCCB, 25KA, 415V AC, Thermal Release for O/C, S/C Shunt trip, with Rotary handle.	L&T/Teknic/ABB	Nos	6
		(C)	Outgoing Feeder: 50KVAR Capacitor Bank Consisting of			
		1	125A, 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
		4	Auto/Manual Selector Switch.	Kaycee	Nos	4
		5	Control MCB 6A 10KA.	L&T/Teknic	Nos	4
		6	Indicating Lamp, ON Voltage - 230VAC	L&T/Teknic	Nos	4
		7	Push Button for Capacitor Bank ON & OFF.	L&T/Teknic	Nos	5
		8	Neutral Link.	REPUTED	Nos	4



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		9	40A TP MCB	L&T/Teknic/ABB	Nos	2
		10	15KVAR Capacitor Bank, Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	2
		11	15KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO.	L&T/Siemens	Nos	2
		12	32A TP MCB	L&T/ABB	Nos	2
		13	10KVAR Capacitor Bank, Cylindrical type, Voltage 480V.	L&T/Siemens	Nos	2
		14	10KVAR capacitor Duty Contactor, coil 230VAC, with Auxiliary contact 1NO.	L&T/Siemens	Nos	2
					KG	300

KRISTAN

