

REF NO: **DVEPL/20-21/6557/R0** 

Date - 06-July-2024

TO,

#### LANDMARK ELECTRICAL PVT LTD

Kind Attn.: Irshad Ali Mobile No.: 9917941398

Email ID:

Sub: QUOTATION FOR ECR RAILWAY

Dear Sir,

We acknowledge with thanks the receipt of your valued enquiry regarding above mentioned subject. We are pleased to furnish our most competitive offer for your favorable consideration as under.

ANNEXURE - I: FABRICATION DETAILS & TECHNICAL SPECIFICATIONS

**ANNEXURE - II: BILL OF MATERIAL** 

ANNEXURE- III: PRICE SCHEDULE

**ANNEXURE- IV: TERMS AND CONDITIONS** 

We hope the detailed BOQ & Tech Specs here under is as per your requirement.

Should you need any further clarification(s) please feel free to contact us. We look forward for an opportunity to serve you.

Thanking you,

Yours faithfully,

For D.V. ELECTROMATIC PVT. LTD.

**Authorized Signatory** 





### <u>ANNEXURE – I</u>

### **TECHNICAL SPECIFICATIONS**

**1. Material of Sheet:** CRCA sheet

**2. Sheet thickness:** 2 mm/1.6mm thickness for All Panels.

**3. Material treatment:** Thorough chemical treatment with 7 tank process

method for degreasing, derusting and

phosphating powder coating shall not be less than

40 microns.

SIEMENS GREY (RAL-7032) shade powder

coating paint will be applied.

**4. Bus bar:** The bus bars will be insulated with PVC heat

shrinkable sleeves and supported SMC/DMC at Suitable intervals so as to withstand

dynamic stresses developed in the event of short circuit of 50ka (RMS) and will

withstand following standard tests:-

(a) Continuity tests

(b) No load operation test

(c) H.T Test (2kV) for one minute.

(d) Insulation resistance test.

6. Fault Level: 35 KA

**7. Bus Bar Size:** As per BOQ

**8. Current Density:** 0.8A/Sq. mm. Current Density.

**9. Bus bar insulation** Heat Shrinkable Sleeves





### **ANNEXURE - II**

### **BILL OF MATERIALS**

1	SCHEDULE A -4		BOARD QTY		
Α	INCOMER MCCB 400A		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	400A 4P 50kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% & Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE3S400ATM4P-400	1	1
2	Spreader Terminals-4P(Set of 4) Suitable for 320A, 350A, 400A MCCB : WiNbreak1: CSE3	C&S	CSET3044	2	2
3	Extended Rotary Handle Suitable for MCCB : WiNbreak1: CSE3, CSE4	C&S	EHW1-400-630	1	1
В	METERING	MAKE	1	FEEDER QTY	1
1	Ammeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1310100000	1	1
		LQT	WL1310100000	1	1
2	Voltmeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC, Size: 96X96	L&T	WL1320100000	1	1
	VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.	LOCI	WLISZOIOOOO	+ -	
3	CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	1
4	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
5	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
6	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
7	32A Neutral Link, Color: Black/Khaki	FTC	FNL 32	3	3
	400/5A 10VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current				-
8	Transformer, ID: 60mm	NIPPEN	NA	6	6
9	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
10	6A 1P 10kA C-Curve MCB	C&S	CSMBS1C6	6	6
С	OUTGOING MCCB 200A	MAKE	1	FEEDER QTY	3
	200A 4P 50kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% &		00500050474445.000		
1	Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE2S250ATM4P-200	1	3
2	Spreader Terminals-4P(Set of 4) Suitable for 160A, 200A MCCB: WiNbreak1: CSE2	C&S	CSET2044	2	6
3	Extended Rotary Handle Suitable for MCCB : WiNbreak1: CSE2	C&S	EHW1-250	1	3
D	OUTGOING MCCB100A	MAKE	1	FEEDER QTY	3
1	100A 4P 50kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% & Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE1S125ATM4P-100	1	3
2	Spreader Terminals-4P(Set of 4) Suitable for 80A, 100A, 125A MCCB : WiNbreak1: CSE1	C&S	CSET1044C	2	6
3	Extended Rotary Handle Suitable for MCCB : WiNbreak1: CSE1	C&S	EHW1-125	1	3
E	TIMER	MAKE	1	FEEDER QTY	1
1	63A 4P 10kA C-Curve MCB	C&S	CSMBS4C63	1	1
2	AC3: 40A AC1: 60A 4P Power Contactor, Coil: 220V AC, Aux. Contact: 4NO, Frame 3, Type: ExceeD	C&S	TC1D40004EM5	1	1
3	Astro Time Switch-2 Mod, 110-240V AC	L&T	AUTS02AST00	1	1
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT





		1	1		1
1	FABRICATION: 2.00MM CRCA Sheet PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)	DVEPL	MS/CRCA	1	JOB
2	BASE FRAME: 35X35X6MM &450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x30x10, N: 1X30X10  Current Density: 1 Amp/Sq. mm  Insulation: Color coded heat shrinkable Sleeves	DVEPL	Copper	1	JOB
4	WIRING HARNESS (METERING STARTERS)	DVEPL	CU- WIRE	1	LOT
5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
6	LABOUR	DVEPL	NOT, BOLTS, LOGS LTC.	1	JOB
0		DVLIL		-	300
2	SCHEDULE A-5		BOARD QTY		
Α	INCOMER 200A		1	FEEDER QTY	1
SR.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL
NO.	· · · · · · · · · · · · · · · · · · ·			,	QTY
	200A 4P 36kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% &				
1	Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE2NN250ATM4P-200	1	1
2	Extended Rotary Handle Suitable for MCCB : WiNbreak1: CSE2	C&S	EHW1-250	1	1
3	Spreader Terminals-4P(Set of 4) Suitable for 160A, 200A MCCB: WiNbreak1: CSE2	C&S	CSET2044	2	2
3	CJEZ	Cas	C3E12U44	FEEDER	2
В	METERING	MAKE	1	QTY	1
	Ammeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V AC,			۷	
1	Size: 96X96	L&T	WL1310100000	1	1
	Voltmeter with Inbuilt selector switch, 3Ph, Acc. CL: 1, Aux Supply: 80-300V				
2	AC, Size: 96X96	L&T	WL1320100000	1	1
	VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.				
3	CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	1
4	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
5	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
6	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
7	32A Neutral Link, Color: Black/Khaki	FTC	FNL 32	3	3
	200/5A 5VA Acc. Cl: 1, ABS Insulated Bar Primary Ring Type Current				
8	Transformer, ID: 34mm	NIPPEN	NA	3	3
9	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	3
10	6A 1P 10kA C-Curve MCB	C&S	CSMBS1C6	6	6
				FEEDER	
С	OUTGOING MCCB 100A	MAKE	1	QTY	4
	100A 4P 25kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% &				
1	Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE1M125ATM4P-100	1	4
	Spreader Terminals-4P(Set of 4) Suitable for 80A, 100A, 125A MCCB:				
2	WiNbreak1: CSE1	C&S	CSET1044C	2	8
3	Extended Rotary Handle Suitable for MCCB : WiNbreak1: CSE1	C&S	EHW1-125	1	4
D	TIMER	MAKE	1	FEEDER QTY	1
1	63A 4P 10kA C-Curve MCB	C&S	CSMBS4C63	1	1
	AC3: 40A AC1: 60A 4P Power Contactor, Coil: 220V AC, Aux. Contact: 4NO,				
2	Frame 3, Type: ExceeD	C&S	TC1D40004EM5	1	1
3	Astro Time Switch-2 Mod, 110-240V AC	L&T	AUTS02AST00	1	1
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
J.14.		MANE	THE HATERIAL	Ψ	0.411





Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1 Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2 Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE2, CSE2 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 9ellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm 6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 6A 1P 10kA C-Curve MCB	ESBEE ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE	EPLY240A EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A EPLY240A EPLY240A EPLY240A EPLS240A EPLS240A EPLY240A EPLS240A ENL 32  NE 601 KUTSD 6 CSMBS1C6	1 1 1 3 3 3 FEEDER QTY  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 3 9 9 9 2 6 12 6 6 6 6 6 1 3 3 3 3 3 3 9
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2 Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. Cl: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Selue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Solue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A EPLY240A EPLY240A EPLB240A FNL 32  NE 601 KUTSD 6	1 1 3 3 3 FEEDER QTY  1 2 1 1 1 1 1 FEEDER QTY  1 1 1 1 3 3 3	3 3 9 9 9 9 2 6 12 6 6 6 6 6 6 1
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  See Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S C&S ESBEE	EPLB240A FNL 32  NE 601  KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A EPLY240A EPLY240A EPLY240A EPLY240A EPLS240A FNL 32 NE 601	1 3 3 3 FEEDER QTY 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 9 9 9 2 6 12 6 6 6 6 6 1 3 3 3 3 9
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Seed Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE ESBEE L&T ESBEE ESBEE ESBEE ESBEE ESBEE ESBEE ESBEE FTC	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A EPLB240A EPLB240A EPLB240A FNL 32	1 3 3 3 FEEDER QTY 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 9 9 9 2 6 12 6 6 6 6 6 1
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Sellue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Hold Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE ESBEE L&T ESBEE ESBEE ESBEE ESBEE ESBEE ESBEE	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A EPLY240A EPLY240A EPLY240A	1 3 3 3 FEEDER QTY  1 2 1 1 1 FEEDER QTY  1 1 1 1 1 1 1 1 1 1 1 1	3 3 9 9 9 9 2 6 12 6 6 6 6 1
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2 Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE ESBEE L&T ESBEE ESBEE ESBEE ESBEE ESBEE ESBEE	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A EPLY240A EPLY240A EPLY240A	1 3 3 3 FEEDER QTY  1 2 1 1 1 FEEDER QTY  1 1 1 1 1 1 1 1 1 1 1 1	3 3 9 9 9 9 2 6 12 6 6 6 6 1
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2 Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE ESBEE C&S MAKE	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A EPLY240A	1 3 3 3 FEEDER QTY  1 2 1 1 1 1 FEEDER QTY	3 3 9 9 9 9 2 6 12 6 6 6 6 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S C&S ESBEE ESBEE ESBEE L&S MAKE	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000 EPLR240A	1 1 3 3 3 FEEDER QTY 1 2 1 1 1 1 FEEDER QTY	3 3 9 9 9 9 2 6 12 6 6 6 6 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  METERING  VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc. CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE ESBEE C&S MAKE	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3  WL4110100000	1 1 3 3 3 FEEDER QTY 1 2 1 1 1 1 FEEDER QTY	3 3 9 9 9 9 2 6 12 6 6 6 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  METERING  WAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE C&S MAKE	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6  3	1 1 3 3 3 FEEDER QTY 1 2 1 1 1 1 FEEDER QTY	3 3 9 9 9 9 2 6 12 6 6 6 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  6A 1P 10kA C-Curve MCB	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE C&S	EPLB240A FNL 32  NE 601 KUTSD 6 CSMBS1C6  3  CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A CSMBS1C6	1 1 3 3 3 FEEDER QTY 1 2 1 1 1 1 FEEDER	3 3 9 9 9 9 2 6 12 6 6 6 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2  Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE1, CSE2  Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE ESBEE	EPLB240A FNL 32 NE 601 KUTSD 6 CSMBS1C6  3 CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A EPLG240A	1 3 3 3 FEEDER QTY 1 2 1 1	3 3 9 9 9 2 2 6 12 6 6 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2 Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE2 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S ESBEE	EPLB240A FNL 32 NE 601 KUTSD 6 CSMBS1C6  3 CSE2S250ETM4P-250A CSET2504-ST AXW1- L EPLR240A	1 1 3 3 3 FEEDER QTY 1 2 1	3 3 9 9 9 2 2 6 12 6 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2 Auxiliary Contact-Left, Suitable for MCCB: WiNbreak1: CSE2	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S C&S C&S	EPLB240A FNL 32 NE 601 KUTSD 6 CSMBS1C6 3 CSE2S250ETM4P-250A CSET2504-ST AXW1- L	1 1 3 3 3 FEEDER QTY	3 3 9 9 9 9 2 2 6 12 6
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  32A Neutral Link, Color: Black/Khaki  600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm  6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6  6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 250A MCCB: WiNbreak1: CSE2	ESBEE FTC NIPPEN ELMEX C&S MAKE  C&S C&S	EPLB240A FNL 32 NE 601 KUTSD 6 CSMBS1C6 3 CSE2S250ETM4P-250A CSET2504-ST	1 1 3 3 3 FEEDER QTY	3 3 9 9 9 9 2 2
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm 6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6 6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A  250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection (Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1	ESBEE FTC NIPPEN ELMEX C&S MAKE C&S	EPLB240A FNL 32 NE 601 KUTSD 6 CSMBS1C6 3 CSE2S250ETM4P-250A	1 1 3 3 3 FEEDER QTY	3 3 9 9 9 2
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm 6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6 6A 1P 10kA C-Curve MCB  OUTGOING MCCB 250A 250A 4P 50kA MCCB, Release: ETM (MP) Release With in built E/F Protection	ESBEE FTC NIPPEN ELMEX C&S MAKE	EPLB240A FNL 32 NE 601 KUTSD 6 CSMBS1C6	1 1 3 3 3 FEEDER QTY	3 3 9 9 9
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm 6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6 6A 1P 10kA C-Curve MCB	ESBEE FTC NIPPEN ELMEX C&S	EPLB240A FNL 32 NE 601 KUTSD 6 CSMBS1C6	1 1 3 3 3 FEEDER	3 3 9 9
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm 6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6	ESBEE FTC NIPPEN ELMEX	EPLB240A FNL 32 NE 601 KUTSD 6	1 1 3 3	3 3 9 9
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current Transformer, ID: 60x10mm	ESBEE FTC NIPPEN	EPLB240A FNL 32 NE 601	1 1 3	3 3
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki 600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current	ESBEE FTC	EPLB240A FNL 32	1 1	3
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC 32A Neutral Link, Color: Black/Khaki	ESBEE	EPLB240A	1	3
Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	3
				_
VIII O N. 15 1551 II : 555	FCDFF	ED11/0.40:		_
Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	3
CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	3
VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.			QTY	
METERING	MAKE	3	FEEDER	1
				3
	h.			3
		. ,		3
			-	QTY 3
	BAAVE.	-	QTY	1 TOTAL
			FEEDER	1
SCHEDITIE C.2	DVEPL	ROAPD OTV	1	JOB
HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)		NUT, BOLTS, LUGS ETC.	1	LOT
WIRING HARNESS (METERING STARTERS)	DVEPL	CU- WIRE	1	LOT
Insulation: Color coded heat shrinkable Sleeves				
Current Density: 1 Amp/Sq. mm	DVEPL	Copper	1	JOB
BUSBAR: PH: 1x30X5, N: 1X30X5				
BASE FRAME: 35X35X6MM &450MM	DVEPL	ISMC	1	JOB
COMPARTMENTLISED DESIGN, SINGLE DOOR				
TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT,	572.2	Wisy energ	-	,,,,
PRE TREATMENT: 7 TANK PROCESS	DVFPI	MS/CRCA	1	JOB
FABRICATION: 2.00MM CRCA Sheet				
11 0011	PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED) BASE FRAME: 35X35X6MM &450MM BUSBAR: PH: 1x30X5, N: 1X30X5 Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves WIRING HARNESS (METERING STARTERS) HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC) LABOUR  SCHEDULE C-2  INCOMER ACB 630A  BOQDESCRIPTION  630A 4P 50kA MDO ACB, Release: Micropro 2-3.1 Release, Type: WiNmaster2 Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  METERING  WAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.	PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)  BASE FRAME: 35X35X6MM &450MM  DVEPL  BUSBAR: PH: 1x30X5, N: 1X30X5 Current Density: 1 Amp/Sq. mm	FABRICATION : 2.00MM CRCA Sheet PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) POVEPL  BASE FRAME: 35X35X6MM &450MM  DVEPL  ISMC  BUSBAR: PH: 1x30X5, N: 1X30X5  Current Density: 1 Amp/Sq. mm  sulation: Color coded heat shrinkable Sleeves  WIRING HARNESS (METERING STARTERS)  DVEPL  CU- WIRE HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC) DVEPL  NUT, BOLTS, LUGS ETC.  ABOUR  BOARD QTY  INCOMER ACB 630A  3  BOQDESCRIPTION  MAKE  CATALOG NUMBER  SADA 4P 50KA MDO ACB, Release: Micropro 2-3.1 Release, Type: WiNmaster2  C&S  WX06N4PMDOA(S) Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC  SA 1P 10KA C-Curve MCB  METERING  MAKE  3  VAF+ PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.	PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATEO WITH SIEMENS GREY SHED (RAL 7032) PYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED) BASE FRAME: 35X35X6MM &450MM  DVEPL  SMSC  Current Density: 1 Amp/Sq. mm  DVEPL  Copper  1  Copper  1  SUSBAR: PH: 1x30X5, N: 1X30X5  Current Density: 1 Amp/Sq. mm  DVEPL  Copper  1  COPPER  NUT, BOLTS, LUGS ETC.  LABOUR  SCHEDULE C-2  BOARD QTY  BOARD QTY  BOQDESCRIPTION  MAKE  CATALOG NUMBER  QTY  BOQDESCRIPTION  MAKE  CATALOG NUMBER  QTY  SOLUTION OF THE PROPER OF THE PROPERTING  SCHED Indicator 22.5 mm, Voltage: 240V AC  ESBEE  EPLR240A  1  FEEDER  QTY  METERING  MAKE  3  FEEDER  QTY  MAKE  CSMBS1C6  1  FEEDER  QTY  MAKE  CSMBS1C6  1  FEEDER  QTY  MAKE  CSMBS1C6  1  FEEDER  QTY  MAKE  AMAKE  3  FEEDER  QTY  MAKE  AMAKE  3  FEEDER  QTY  MAKE  METERING  MAKE  AMAKE  AM





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	100A 4P 36kA MCCB, Release: ETM (MP) Release With in built E/F Protection	000	005444440555744404004		
1	(Adjustable O/L 40-100% & Adjustable S/C 2-12 Ir), Type: WiNbreak1	C&S	CSE1NN125ETM4P-100A	1	6
2	Spreader Terminals-4P(Set of 4) Suitable for 80A, 100A, 125A MCCB:	C&S	CCFT1044C	,	12
2	WiNbreak1: CSE1	C&S	CSET1044C	2	12
3	Auxiliary Contact-Left, Suitable for MCCB : WiNbreak1: CSE1, CSE2		AXW1- L	1	6
4	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	6
5	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLG240A	1	6
6	6A 1P 10kA C-Curve MCB	C&S	CSMBS1C6	1	6
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	FABRICATION: 2.00MM CRCA Sheet PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)	DVEPL	MS/CRCA	1	JOB
2	BASE FRAME: 35X35X6MM &450MM	DVEPL	ISMC	1	JOB
	BUSBAR: PH: 1x40x10, N: 1X40X10				
3	Current Density: 1 Amp/Sq. mm	DVEPL	Copper	1	JOB
	Insulation: Color coded heat shrinkable Sleeves				
4	WIRING HARNESS (METERING STARTERS)	DVEPL	CU- WIRE	1	LOT
5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
6	LABOUR	DVEPL		1	JOB
4	SCHEDULE C-4		BOARD QTY		
Α	INCOMER MCCB 100A		7	FEEDER QTY	1
SR.	DOODECCRIPTION	BAAKE.	CATALOG NUMARER	OTV	TOTAL
NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	QTY
	100A 4P 25kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% &				
1	Adjustable S/C 5-10 ln), Type: WiNbreak1	C&S	CSE1M125ATM4P-100	1	7
	Spreader Terminals-4P(Set of 4) Suitable for 80A, 100A, 125A MCCB:				
2	WiNbreak1: CSE1	C&S	CSET1044C	2	14
В	METERING	MAKE	7	FEEDER QTY	1
	VAF + PF Meter, 3Ph, Parameters: VLL, VLN, A, F, PF, On Hrs, RPM, Apeak, Acc.			Ψ	
1	CL: 1, Aux Supply: 80-300V AC/DC, Size: 96X96, Model: 4110	L&T	WL4110100000	1	7
2	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	7
3	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	7
4	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	7
5	32A Neutral Link, Color: Black/Khaki	FTC	FNL 32	1	7
	600/5A 15VA Acc. Cl: 1, ABS Insulated Bar Primary Rectangular Current		111222	_	-
6	, ,	I		1 _	21
. ~	Transformer, ID: 60x10mm	NIPPEN	I NE 601	3 1	
7	Transformer, ID: 60x10mm  6 Sg.mm Disconnecting Terminal (Std. Color).Type: KUTSD 6	NIPPEN ELMEX	NE 601 KUTSD 6	3	
7 8	Transformer, ID: 60x10mm 6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6 6A 1P 10kA C-Curve MCB	NIPPEN ELMEX C&S	NE 601 KUTSD 6 CSMBS1C6	3 3	21 21
8	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 6A 1P 10kA C-Curve MCB	ELMEX C&S	KUTSD 6 CSMBS1C6	3	21 21
	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6	ELMEX	KUTSD 6	3	21
8	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 6A 1P 10kA C-Curve MCB	ELMEX C&S	KUTSD 6 CSMBS1C6	3 3 FEEDER	21 21
8 <b>C</b>	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 6A 1P 10kA C-Curve MCB  OUTGOING MCCB 63A  63A 4P 10kA MCCB, Release: FMU (TM) Release (Adjustable O/L 80-100% & Fixed S/C), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 16A, 20A, 25A, 32A, 40A, 50A,	C&S  MAKE  C&S	KUTSD 6 CSMBS1C6  7 CSESK125FMU4P-63A	3 3 FEEDER QTY	21 21 4 28
8 C	6 Sq.mm Disconnecting Terminal (Std. Color),Type: KUTSD 6 6A 1P 10kA C-Curve MCB  OUTGOING MCCB 63A  63A 4P 10kA MCCB, Release: FMU (TM) Release (Adjustable O/L 80-100% & Fixed S/C), Type: WiNbreak1	C&S MAKE	KUTSD 6 CSMBS1C6 7	3 3 FEEDER QTY 1	21 21 4
8 <b>C</b>	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 6A 1P 10kA C-Curve MCB  OUTGOING MCCB 63A  63A 4P 10kA MCCB, Release: FMU (TM) Release (Adjustable O/L 80-100% & Fixed S/C), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 16A, 20A, 25A, 32A, 40A, 50A,	C&S  MAKE  C&S	KUTSD 6 CSMBS1C6  7 CSESK125FMU4P-63A	3 3 FEEDER QTY	21 21 4 28
8 <b>C</b> 1	6 Sq.mm Disconnecting Terminal (Std. Color), Type: KUTSD 6 6A 1P 10kA C-Curve MCB  OUTGOING MCCB 63A  63A 4P 10kA MCCB, Release: FMU (TM) Release (Adjustable O/L 80-100% & Fixed S/C), Type: WiNbreak1  Spreader Terminals-4P(Set of 4) Suitable for 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 90A, 100A, 125A MCCB: WiNbreak1: CSES	C&S  MAKE  C&S  C&S	KUTSD 6 CSMBS1C6 7 CSESK125FMU4P-63A CSET0044	3 3 FEEDER QTY 1 2 FEEDER	21 21 4 28





			AN ISO 9001:2008 CERTIF	IED CO.	
1	FABRICATION: 1.6MM CRCA Sheet PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)	DVEPL	MS/CRCA	1	JOB
2	BASE FRAME: 40X40X6MM &450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x20x5, N: 1X20X5  Current Density: 1 Amp/Sq. mm  Insulation: Color coded heat shrinkable Sleeves	DVEPL	Copper	1	JOB
4	WIRING HARNESS (METERING STARTERS)	DVEPL	CU- WIRE	1	LOT
5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
6	LABOUR	DVEPL	1101, 20213, 2003 210.	1 1	JOB
		DVELE		-	702
5	SCHEDULE C-5		BOARD QTY	FFFDFD	
Α	INCOMER MCCB 200A		4	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	200A 4P 25kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% & Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE2M250ATM4P-200	1	4
	Spreader Terminals-4P(Set of 4) Suitable for 160A, 200A MCCB : WiNbreak1:				
2	CSE2	C&S	CSET2044	2	8
3	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	4
4	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	4
5	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	4
6	6A 1P 10kA C-Curve MCB	C&S	CSMBS1C6	3	12
В	OUTGOING MCCB 100A	MAKE	4	FEEDER QTY	2
1	100A 4P 25kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% & Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE1M125ATM4P-100	1	8
2	Spreader Terminals-4P(Set of 4) Suitable for 80A, 100A, 125A MCCB : WiNbreak1: CSE1	C&S	CSET1044C	2	16
С	OUTGOING MCCB 63A	MAKE	4	FEEDER QTY	2
1	63A 4P 25kA MCCB, Release: ATM (TM) Release (Adjustable O/L 80-100% & Adjustable S/C 5-10 In), Type: WiNbreak1	C&S	CSE1M125ATM4P-63	1	8
2	Spreader Terminals-4P(Set of 4) Suitable for 15A, 20A, 32A, 40A, 50A, 63A MCCB : WiNbreak1: CSE1	C&S	CSET1044	2	16
D	TIMER	MAKE	4	FEEDER QTY	1
1	40A 3P 10kA C-Curve MCB	C&S	CSMBS3C40	1	4
2	AC3: 25A AC1: 40A 3P Power Contactor, Coil: 220V AC, Aux. Contact: 1NO, Frame 2, Type: ExceeD	C&S	TC1D2510EM5	1	4
	Digital Time Switch (Crono), Voltage: 110 - 240VAC, Contact: 1 C/O, Base/DIN,				
3	25 ON/OFF	GIC	67DDT0	1	4
S.N.	FABRICATION DETAILS	MAKE	TYPE/MATERIAL	QTY	UNIT
1	FABRICATION: 2.00MM CRCA Sheet PRE TREATMENT: 7 TANK PROCESS PAINTING: POWDER COATED WITH SIEMENS GREY SHED (RAL 7032) TYPE: INDOOR TYPE, FREE FLOOR RESTING, FIX TYPE, SINGLE FRONT, COMPARTMENTLISED DESIGN, SINGLE DOOR CABLE ENTRY: TOP/BOTTOM (DETACHABLE GLAND PLATE UNDRILLED)	DVEPL	MS/CRCA	1	JOB
2	BASE FRAME: 40X40X6MM &450MM	DVEPL	ISMC	1	JOB
3	BUSBAR: PH: 1x40x6, N: 1X40X6 Material: Electrolytic grade Aluminum Current Density: 1 Amp/Sq. mm Insulation: Color coded heat shrinkable Sleeves	DVEPL	Aluminum	1	JOB

#### MANUFACTURERS OF LT CONTROL PANELS





4	WIRING HARNESS (METERING STARTERS)	DVEPL	CU- WIRE	1	LOT
5	HARDWARE & ACCESSORIES (LOCKS, GASKET, NUT BOLT ETC)	DVEPL	NUT, BOLTS, LUGS ETC.	1	LOT
6	LABOUR	DVEPL		1	JOB







### **ANNEXURE - III**

### **PRICE SCHEDULE**

SR. NO.	DESCRIPTION OF ITEM	QTY	UNIT RATE (INR)	AMOUNT (INR)
1	SCHEDULE A -4	1	2,11,000.00	2,11,000.00
2	SCHEDULE A-5	1	1,11,300.00	1,11,300.00
3	SCHEDULE C-2	3	3,08,033.33	9,24,100.00
4	SCHEDULE C-4	7	45,514.29	3,18,600.00
5	SCHEDULE C-5	4	73,075.00	2,92,300.00
	TOTAL QUANTITY	16	TOTAL COST (INR)	18,57,300.00

In words: Rupees Eighteen Lac Fifty Seven Thousand Three Hundred Only

**NOTES:** 





### **ANNEXURE - IV**

### **COMMERCIAL TERMS AND CONDITIONS**

**PRICE:** Ex works – IGC PATHANKOT (PB.)

**PACKING & FORWARDING:** Extra as per actual

**FREIGHT & INSURANCE:** Extra Freight & insurance.

**GST:** 18% or Actual As per Gst Taxation.

**OCTROI:** Extra as applicable.

**PAYMENT TERMS:** 50% in advance with confirmed order and balance against Performa

invoice before dispatch.

ORDER PLACEMENT: D.V. ELECTROMATIC PVT.LTD

**DELIVERY:** 6-8 Weeks from the date of approval of drawings.

**VALIDITY** Our offer is valid for 15 Days from the date of this offer and

thereafter subject to our confirmation.

**WARRANTY:** 18 Months from the date of supply or 12 months from the

commissioning whichever ends earlier.

**INSPECTION:** On intimation, prior inspection of the panels, if required, may be

carried out by the buyers authorized representative at our works at

IGC - Pathankot (pb.)

**ORDER AMENDMENTS**: Any change in specifications & other terms shall entail revision of

delivery and prices including statutory variations.

**FORCE MAJEURE:** We shall not be responsible for the failure or delay in order due to

acts beyond our control such as war, fire, labour problems, accidents, natural calamities, government acts or shortage of

material.

**COMMISSIONING CHARGES** 2500/Men days Testing, Commissioning and programming with

Loging, fooding and boarding in Customer scope. Unloading, Fixing, Laying cables and Installation of panels at site are not in our scope.

**Our Bank Details:** 

HDFC Bank
DALHOUSIE ROAD, PATHANKOT-145001
A/c # 50200012824476

IFSC Code: HDFC0002459