

01	02	03	04	05	06	07	08	09	
DO NOT SCALE			<b>CPRI APPROVED &amp; AN ISO 9001 : 2015 CERTIFIED</b>					IF IN DOUBT -- PLEASE ASK	
<b>LEGENDS</b>									
S.No.	SYMBOL	DESCRIPTION	S.No.	SYMBOL	DESCRIPTION	S.No.	SYMBOL	DESCRIPTION	
1		CHANGE OVER SWITCH	15		AUX. CONTACTOR	29		NO CONTACT	
2		SWITCH DISCONNECTOR FUSE UNIT	16		TIMER	30		NC CONTACT	
3		CONTROL HRC/FUSE BASE	17		POWER FUSE	31		MOULDED CASE CIRCUIT BREAKER	
4		FIXED TYPE AIR CIRCUIT BREAKER	18		HOOTER	32		MOTOR PROTECTION CIRCUIT BREAKER	
5		MANUALLY OPERATED DRAW TYPE AIR CIRCUIT BREAKER	19		ELECTRICALLY OPERATED DRAW OUT TYPE AIR CIRCUIT BREAKER				
6		SWITCH FUSE UNIT	20		TRANSFORMER	33		BREAKER RELEASE	
7		OVER LOAD RELAY	21		GENERATOR	34		MINIATURE CIRCUIT BREAKER	
8		OVER LOAD RELAY NC CONTACT	22		ELECTRONIC KWH METER	35		CAPACITOR BANK	
9		CURRENT TRANSFORMER RESIN CAST	23		INDICATING LIGHT	36		BREAKER CONTROL SWITCH	
10		POTENTIAL TRANSFORMER	24		PUSH BUTTON	37		ILUMINATED PUSH BUTTON	
11		START PUSH BUTTON	25		TERMINALS	38		EARTH LEAKAGE CIRCUIT BREAKER	
12		STOP PUSH BUTTON	26		AMMETER/VOLTMETER WITH INBUILT SELECTOR SWITCH	39		AMMETER SELECTOR SWITCH/VOLTMETER SELECTOR SWITCH	
13		NEUTRAL LINK	27		OVER VOLTAGE OR UNDER VOLTAGE RELAY	40		AUTO/MANUAL SELECTOR SWITCH/PLC/MANUAL SELECTOR SWITCH	
14		POWER CONTACTOR	28		EARTHING	41		ENEREGY MANAGEMENT SYSTEM	

PANEL SIZE				HEIGHT -		LENGTH -		DEPTH -		LEGENDS					
CABLE ENTRY	TOP	BOTTOM								DRAWN BY	SRASHTI	CLIENT	BASL	SCALE	N.T.S.
PAIN SHADE	SIEMENS GRAY 7035	DOORS/COVERS & MAIN FRAME								CHECKED	F.HUSSAIN	PROJECT	TRICHY AIRPORT TAMILNADU	REVISION-1	21 - 04 - 2025
PAIN SHADE	G.I.	MOUNTING PLATE								APPROVED		CONSULTANT	GREETS & BUILDING SERVICES PVT.LTD.	REVISION-2	23 - 04 - 2025
PAIN SHADE	BLACK RAL 9005	BASE FRAME								DRG. NO.	LEG./01	ARCHITECTS	ACME INTERIORS	REVISION-3	24 - 04 - 2025
 <b>AAA SWITCH GEAR</b> <small>Authorized System Integrator</small> <b>ABB ArTuk TTA Panel</b>										DATE	21 - 04 - 2025	CONTRACTOR	INFINITY ENGINEERS	JOB No.	AAA/TRY/3490
														SHEET No.	1 OF 3

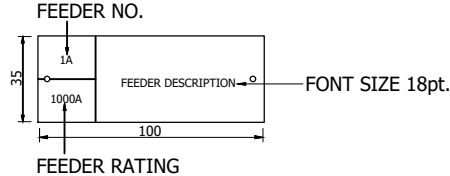
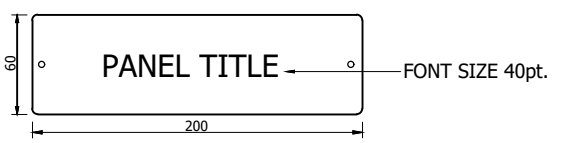

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01	02	03	04	05	06	07	08	09
DO NOT SCALE			<b>CPRI APPROVED &amp; AN ISO 9001 : 2015 CERTIFIED</b>				IF IN DOUBT -- PLEASE ASK	
<b>GENERAL NOTES :-</b>								
<p><b>1.POWER SUPPLY CONDITIONS.</b></p> <p>SYSTEM VOLTAGE - 415V±10% 3Φ, 4W, 50 Hz ±5%</p> <p>CONTROL VOLTAGE - 240V AC</p> <p>FAULT LEVEL - 65/50/36/25/10KA FOR 1 SEC. (AS PER SLD)</p> <p><b>2.PANEL DESIGN/ CONSTRUCTION DETAILS.</b></p> <p>DESIGN † IEC - 61439</p> <p>MOUNTING † NON-DRAWOUT</p> <p>CONSTRUCTION † FLOOR MOUNTED / WALL MOUNTED</p> <p>DEGREE OF PROTECTION - MODULAR</p> <p>IP-54 FOR INDOOR</p> <p>IP-55 FOR OUTDOOR</p> <p>OPERATION - SINGLE FRONT</p> <p>INSTALLATION - INDOOR / OUTDOOR</p> <p>CABLE ENTRY - TOP / BOTTOM</p> <p>MINIMUM OPERATING HEIGHT - 250 mm</p> <p>MAXIMUM OPERATING HEIGHT - 1850 mm</p> <p>SEALING ARRANGEMENT - PDM/PE FORM RUBBER GASKET TO BE USED TO MAKE THE PANEL DUST AND VERMIN PROOF</p> <p><b>3.PAINTING</b></p> <p>PRETREATMENT - 9 TANK PRETREATMENT PLANT</p> <p>PAINT THICKNESS - 60-80 MICRON DFT</p> <p>PAINT TYPE FOR INDOOR PANELS - POWDER COATING PPE</p> <p>PAINT TYPEFOR OUTDOOR PANELS - POWDER COATING PPE</p> <p><b>PAINT SHADE</b></p> <p>ALL CRCA FABRICATED PARTS - RAL-7035</p> <p>BASE FRAME - RAL-9005</p> <p><b>4. LOCKING ARRANGEMENT</b></p> <p>FEEDER FRONT DOORS - METTALIC LOCKS OPENABLE WITH KEY</p> <p>BUS BAR CHAMBER/ DOORS - ONE SIDE HINGED OTHER SIDE BOLTED</p> <p><b>5.FABRICATION DETAILS.</b></p> <p>FABRICATION MATERIAL † CRCA POWDER COATED/ GPSP.</p> <p>BASE FRAME MATERIAL † C - CHANNEL FOR PMCC/ 3MM CRCA FOR MCC</p> <p><b>SHEET THICKNESS &amp; DETAILS</b></p> <p>a) FRAME - 2 mm CRCA POWDER COATED</p> <p>b) EQUIPMENT MOUNTING PLATE - 2 mm CRCA POWDER COATED/ GPSP</p> <p>c) TOP / BOTTOM COVER SHEET - 1.6 mm CRCA POWDER COATED</p> <p>d) PARTITION/NON LOAD BEARING MEMEBR - 1.6 mm POWDER COATED/ GPSP</p> <p>e) ANY OTHER LOAD BEARING MEMEBR - 2 mm POWDER COATED/GPSP</p> <p>f) SHROUDING - 1.2 mm POWDER COATED/GPSP</p> <p>1.6/2 mm POLYCARBONATE SHEET</p> <p>g) FRONT DOOR - 2 mm POWDER COATED</p> <p>h) REAR COVER - 2 mm POWDER COATED</p> <p>i) REMOVABLE GLAND PLATE - 2 mm GPSP/ MULTI CORE CABLE FOR PDB'S</p> <p>- 3 mm GI FOR MULTI CORE CABLE FOR MAIN PANELS</p> <p>- 3 mm AL. FOR SINGLE CORE CABLE</p> <p><b>ABOUT GPSP SHEET :</b></p> <p>THIS IS HIGHLY CORROSION RESISTIVE WHICH DOES NOT NEED PAINTING, 20% MORE STRENGTH LOAD COMPARED TO CRCA, FIRE RESISTANCE , ENVIRONMENTAL FRIENDLY AS CAN BE RECYCLED.</p> <p><b>6.BUS BAR DETAILS</b></p> <p>MATERIAL † ALUMINIUM / COPPER AS PER SLD</p> <p>BUS BAR INSULATION † HEAT SHRINKABLE RED, YELLOW, BLUE AND BLACK COLOUR SLEEVE FOR R-PH, Y-PH, B-PH &amp; NUTRAL RESPECTIVELY</p> <p>BUS BAR SUPPORTS - NON-HYGROSCOPIC, NON CARBONISING, CORROSION RESISTANT, SMC/ POLYAMIDE SUPPORTS</p> <p>MAX. TEMP. RISE OF BUS BARS - 40°C ABOVE AMBIENT OF 45°C</p> <p><b>AIR CLEARANCES FOR MAIN BUS BARS</b></p> <p>PHASE TO PHASE - 25 mm (MIN.)</p> <p>PHASE TO NEUTRAL - 25 mm (MIN.)</p> <p>PHASE TO EARTH - 20 mm (MIN.)</p> <p>NEUTRAL TO EARTH - 20 mm (MIN.)</p>								

				LEGENDS						
PANEL SIZE	HEIGHT -		LENGTH -	DEPTH -	DRAWN BY	SRASHTI	CLIENT	BASL	SCALE	N.T.S.
CABLE ENTRY	TOP		BOTTOM		CHECKED	F.HUSSAIN	PROJECT	TRICHY AIRPORT TAMILNADU	REVISION-1	21 - 04 - 2025
PAINT SHADE	SIEMENS GRAY 7035	DOORS/COVERS & MAIN FRAME			APPROVED		CONSULTANT	GREETS & BUILDING SERVICES PVT.LTD.	REVISION-2	23 - 04 - 2025
PAINT SHADE	G.I.	MOUNTING PLATE			DRG. NO.	G.N1/01	ARCHITECTS	ACME INTERIORS	REVISION-3	24 - 04 - 2025
PAINT SHADE	BLACK RAL 9005	BASE FRAME			DATE	21 - 04 - 2025	CONTRACTOR	INFINITY ENGINEERS	JOB No.	AAA/TRY/3490
									SHEET No.	2 OF 3



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01	02	03	04	05	06	07	08	09	
DO NOT SCALE			<b>CPRI APPROVED &amp; AN ISO 9001 : 2015 CERTIFIED</b>					IF IN DOUBT -- PLEASE ASK	
<p><b>7.DOOR EARTHING</b></p> <p><b>8.PANEL WIRING -</b></p> <p>AC VOLTAGE CIRCUIT</p> <p>CURRENT CIRCUIT</p> <p>AC CONTROL CIRCUIT</p> <p>DC CONTROL CIRCUIT</p> <p>POWER CIRCUIT</p> <p>FERRULING</p> <p>FOR BMS</p> <p><b>9.WIRE</b></p> <p>INSULATION TYPE</p> <p>MAKE</p> <p><b>10. LABELLING</b></p> <p><b>11.FEEDER DESCRIPTION PLATE DETAILS</b></p> <p>PLATE SHALL BE MOUNTED ON BOTTOM MOST LEFT SIDE OF THE FEEDER DOOR. ALSO AT REAR SIDE OF THE PANEL WHERE REAR ACCES IS REQUIRED FOR OPEREATION.</p>  <p><b>12. TITLE NAME PLATE DETAIL FOR FLOOR MOUNTED PANEL</b></p>  <p><b>13.DANGER STICKER DETAIL</b></p> <p>STICKER SHALL BE MOUNTED ON EACH BUSBAR CHAMBER DOOR AND LIVE PART INSIDE THE PANEL.</p>  <p><b>14.POWER AND CONTROL TERMINAL SHALL BE SEGREGATED</b></p> <p>FROM EACH OTHER.</p> <p><b>15.ITEM LAYOUT SHOWN AT DOORS ARE FOR REFERENCE ONLY.</b></p> <p>ACTUAL MAY DIFFER.</p> <p><b>17. TESTING</b></p> <p>- FOLLOWING TEST SHALL BE CARRIED OUT ON COMPLETION OF PANEL :</p> <p>(a) INSULATION RESISTANCE TEST</p> <p>(b) HIGH VOLTAGE TEST</p> <p>(c) OPERATIONAL TEST</p> <p>(d) FUNCTIONAL TEST</p>									









				LEGENDS					
PANEL SIZE	HEIGHT -	LENGTH -	DEPTH -	DRAWN BY	SRASHTI	CLIENT	BASL	SCALE	N.T.S.
CABLE ENTRY	TOP		BOTTOM	CHECKED	F.HUSSAIN	PROJECT	TRICHY AIRPORT TAMILNADU	REVISION-1	21 - 04 - 2025
PAINT SHADE	SIEMENS GRAY 7035	DOORS/COVERS & MAIN FRAME		APPROVED		CONSULTANT	GREETS & BUILDING SERVICES PVT.LTD.	REVISION-2	23 - 04 - 2025
PAINT SHADE	G.I.	MOUNTING PLATE		DRG. NO.	G.N2/02	ARCHITECTS	ACME INTERIORS	REVISION-3	24 - 04 - 2025
PAINT SHADE	BLACK RAL 9005	BASE FRAME		DATE	21 - 04 - 2025	CONTRACTOR	INFINITY ENGINEERS	REVISION-4	06 - 05 - 2025
								JOB No.	AAA/TRY/3490
								SHEET No.	3 OF 3

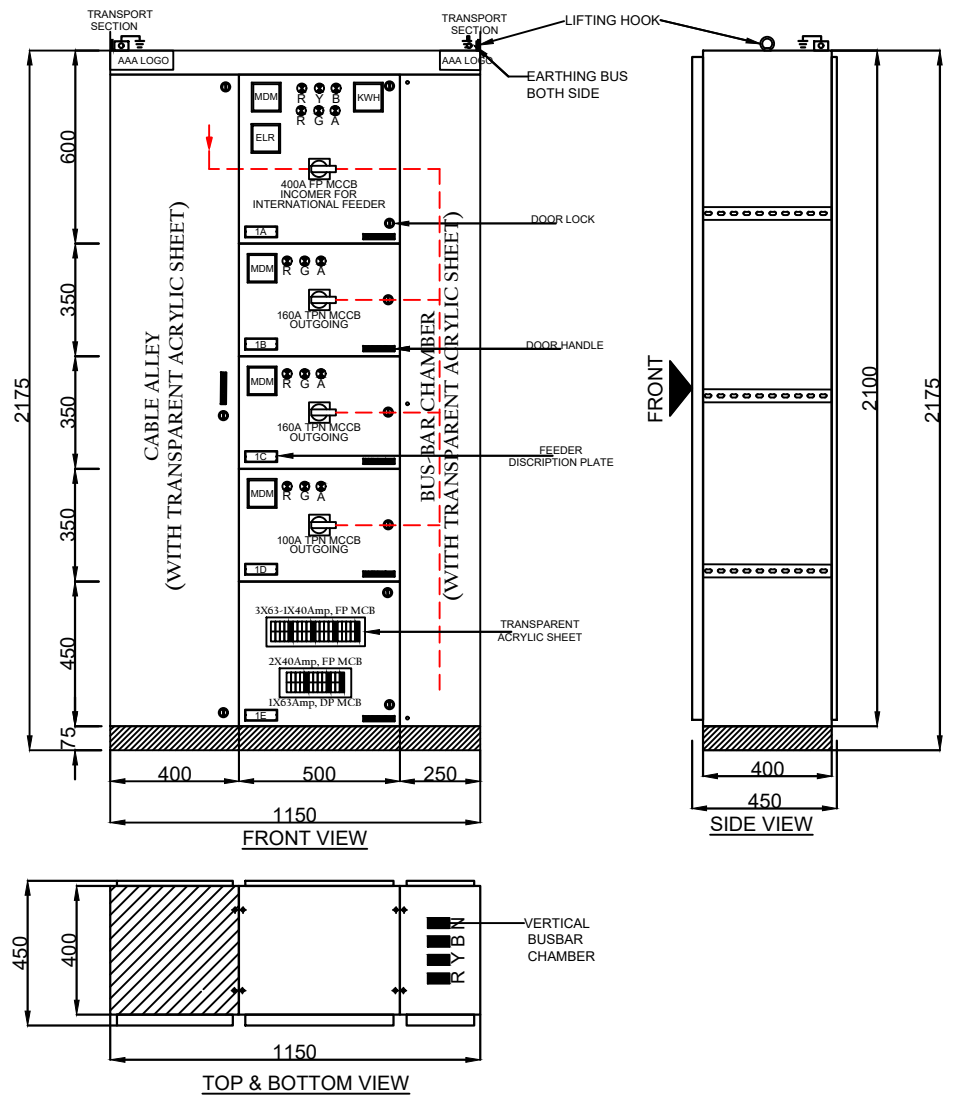


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### LEGENDS

-  RED PHASE INDICATING
-  YELLOW PHASE INDICATING
-  BLUE PHASE INDICATING
-  - MCCB ON INDICATION
-  - MCCB OFF INDICATION
-  - MCCB TRIP INDICATION
-  MULTIFUNCTION METER
-  KILO WATT HOUR METER



MATERIAL 400A TPN AL. BUSBAR	
PHASE	1B X 50 X 10MM
NEUTRAL	1B X 50 X 06MM
EARTH	1B X 25 X 06MM

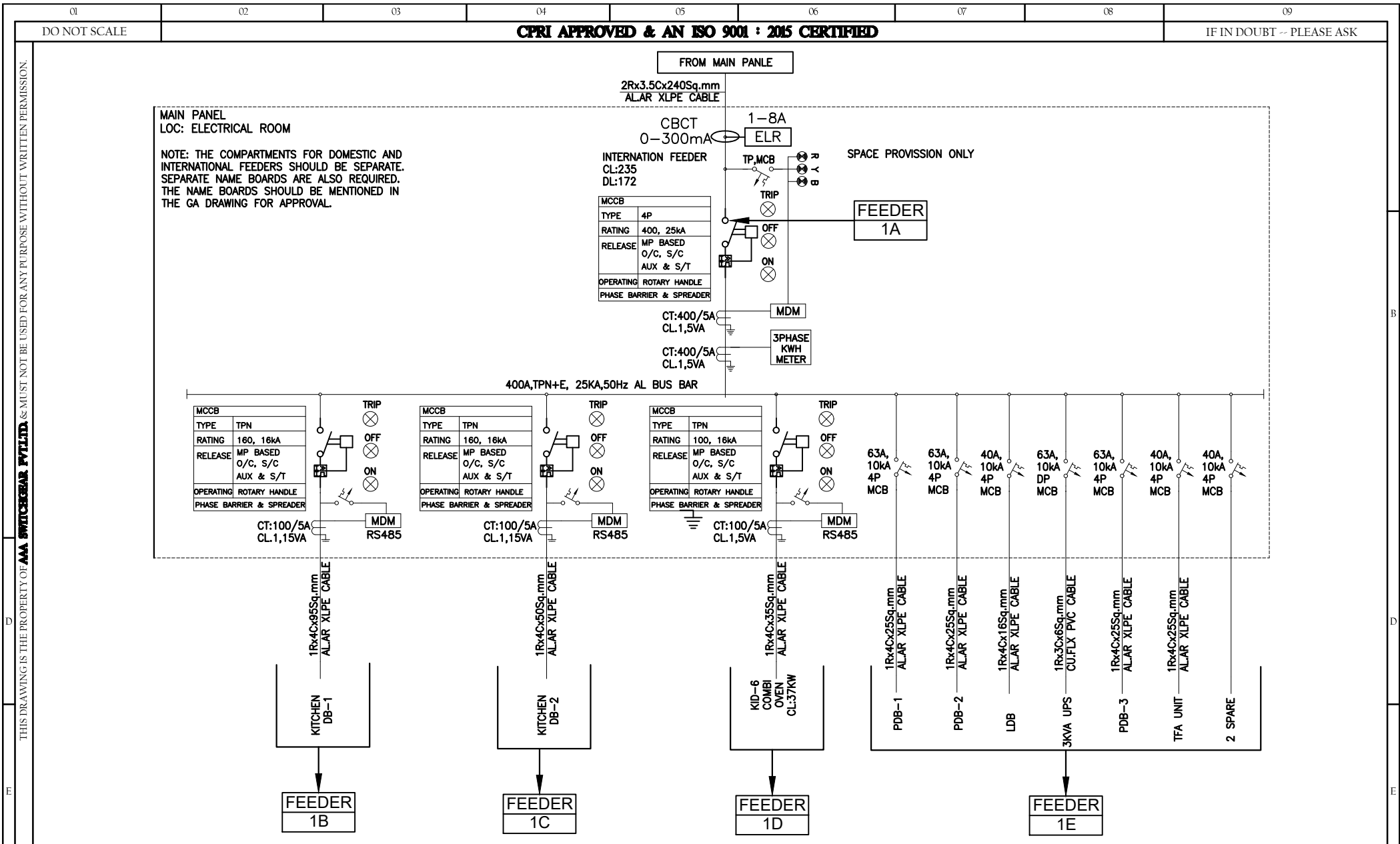
**\*\*ALL CABLE ALLEY & BUS-BAR CHAMBERS TO BE COVERED WITH TRANSPARENT ACRYLIC SHEET INSIDE THE DOOR FOR SAFETY.**

MAIN PANEL FOR INTERNATIONAL FEEDERS  
GENERAL ARRANGEMENT

PANEL SIZE	HEIGHT -2100+75		LENGTH - 1150		DEPTH -450
CABLE ENTRY	TOP	YES	BOTTOM	YES	
PAINT SHADE	SIEMENS GRAY 7035	DOORS/COVERS & MAIN FRAME			
PAINT SHADE	G.I.	MOUNTING PLATE			
PAINT SHADE	BLACK RAL 9005	BASE FRAME			



DRAWN BY	SRASHTI	CLIENT	BASL	SCALE	N.T.S.
CHECKED	F.HUSSAIN	PROJECT	TRICHY AIRPORT TAMILNADU	REVISION-1	21 - 04 - 2025
APPROVED		CONSULTANT	GREETS & BUILDING SERVICES PVT.LTD.	REVISION-2	23 - 04 - 2025
DRG. NO.	AAA/GA/3490/1	ARCHITECTS	ACME INTERIORS	REVISION-3	24 - 04 - 2025
DATE	21 - 04 - 2025	CONTRACTOR	INFINITY ENGINEERS	JOB No.	AAA/TRY/3490
				SHEET No.	1 OF 4



MAIN PANEL FOR INTERNATIONAL FEEDERS  
SINGLE LINE DIAGRAM

PANEL SIZE				
CABLE ENTRY	TOP	YES	BOTTOM	YES
PAINT SHADE	SIEMENS GRAY 7035	DOORS/COVERS & MAIN FRAME		
PAINT SHADE	G.I.	MOUNTING PLATE		
PAINT SHADE	BLACK RAL 9005	BASE FRAME		


  
**AAA SWITCH GEAR**
  
Authorized System Integrator
  
**ABB ArTuk TTA Panel**

DRAWN BY	SRASHTI	CLIENT	BASL
CHECKED	F.HUSSAIN	PROJECT	TRICHY AIRPORT TAMILNADU
APPROVED		CONSULTANT	GREETS & BUILDING SERVICES PVT.LTD.
DRG. NO.	AAA/SLD/3490/1	ARCHITECTS	ACME INTERIORS
DATE	21 - 04 - 2025	CONTRACTOR	INFINITY ENGINEERS

SCALE	N.T.S.
REVISION-1	21 - 04 - 2025
REVISION-2	23 - 04 - 2025
REVISION-3	24 - 04 - 2025
REVISION-4	06 - 05 - 2025
JOB No.	AAA/TRY/3490
SHEET No.	3 OF 4

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1	Feeder : I/C 400A FP MCCB MAIN PANEL	Qty	Family	Make
1.1	400A, 4P, 36kA, MCCB, PR221DS-LS/I Release, Type: XT5 400	1	MCCB	ABB
1.2	Extended Spreaded Terminals-ES, Kit ES T5 8pcs	1	MCCB Accessories	ABB
1.3	Auxiliary Contact AUX 1Q 1SY 250V AC/DC T1...T6	2	MCCB Accessories	ABB
1.4	SHUNT RELEASE	1	MCCB Accessories	ABB
1.5	Transmitted RHE Normal for Fixed and Plug-in T4-T5 250mm	1	MCCB Accessories	ABB
1.6	400/5A, 15VA, CL-1, Metering, Resin Cast, Inner DIA 55mm, Current Transformer	3	Current Transformer	PROCOM
1.7	EasyLogicEM6436H, VAF+ PF + Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	1	Digital Meters	Schneider
1.8	Energy meter EM1200, CI 1.0, with RS485 port	1	Digital Meters	Schneider
1.9	ELR (DOOR MOUNTED)	1	RELAY	ELMEASURE
1.10	CBCT	1	RELAY	ELMEASURE
1.11	Yellow, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
1.12	Amber, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
1.13	Blue, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
1.14	Green, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
1.15	Red, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	2	Indicating Lamps	ESBEE
1.16	6A, 1P, 10kA, C Curve, MCB SB200 M, Type: SB201 M-C	4	MCB	ABB
2	<b>Feeder : O/G 160A TP MCCB MAIN PANEL</b>	<b>Qty</b>	<b>Family</b>	<b>Make</b>
2.1	160A, 3P, 36kA, MCCB, Ekip LS/I Release, Type: XT2 160	1	MCCB	ABB
2.2	Auxiliary Contact AUX 1Q 250VAC/DC XT1...XT4	2	MCCB Accessories	ABB
2.3	Extended Spreaded Terminals-ES, KIT ES XT2 6pcs	1	MCCB Accessories	ABB
2.4	Transmitted RHE XT2-XT4 F/P Standard Returned (250mm)	1	MCCB Accessories	ABB
2.5	150/5A, 15VA, CL-1, Metering, Resin Cast, Inner DIA 30mm, Current Transformer	3	Current Transformer	PROCOM

2.6	EasyLogicEM6436H, VAF+ PF + Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	1	Digital Meters	Schneider
2.7	Amber, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
2.8	Green, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
2.9	Red, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
2.10	6A, 1P, 10kA, C Curve, MCB SB200 M, Type: SB201 M-C	4	MCB	ABB
3	<b>Feeder : O/G 100A TP MCCB MAIN PANEL</b>	<b>Qty</b>	<b>Family</b>	<b>Make</b>
3.1	100A, 3P, 36kA, MCCB, Ekip LS/I Release, Type: XT2 160	1	MCCB	ABB
3.2	Auxiliary Contact AUX 1Q 250VAC/DC XT1...XT4	2	MCCB Accessories	ABB
3.3	Extended Spreaded Terminals-ES, KIT ES XT2 6pcs	1	MCCB Accessories	ABB
3.4	Transmitted RHE XT2-XT4 F/P Standard Returned (250mm)	1	MCCB Accessories	ABB
3.5	100/5A, 5VA, CL-1, Metering, Resin Cast, Inner DIA 30mm, Current Transformer	3	Current Transformer	PROCOM
3.6	EasyLogicEM6436H, VAF+ PF + Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	1	Digital Meters	Schneider
3.7	Amber, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
3.8	Green, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
3.9	Red, LED Indicating lamp Gen next Pro 22.5mm, suitable for operating at, 240V AC	1	Indicating Lamps	ESBEE
3.10	6A, 1P, 10kA, C Curve, MCB SB200 M, Type: SB201 M-C	4	MCB	ABB
4	<b>Feeder : O/G 63A FP MCB MAIN LT-1</b>	<b>Qty</b>	<b>Family</b>	<b>Make</b>
5.1	63A, 2P, 10kA, C Curve, MCB SB200 M, Type: SB202 M-C	1	MCB	ABB
5.2	40A, 4P, 10kA, C Curve, MCB SB200 M, Type: SB204 M-C	3	MCB	ABB
5.3	63A, 4P, 10kA, C Curve, MCB SB200 M, Type: SB204 M-C	3	MCB	ABB

PANEL SIZE				DRAWN BY				CLIENT				SCALE		N.T.S.		
CABLE ENTRY	TOP	YES	BOTTOM	YES	SRASHTI	PROJECT	BASL	TRICHY AIRPORT TAMILNADU	REVISION-1	21 - 04 - 2025						
PAIN T SHADE	SIEMENS GRAY 7035	DOORS/COVERS & MAIN FRAME		APPROVED	F.HUSSAIN	CONSULTANT	GREETS & BUILDING SERVICES PVT.LTD.	REVISION-2	23 - 04 - 2025							
PAIN T SHADE	G.I.	MOUNTING PLATE		DRG. NO.	AAA/BOM/3490/1	ARCHITECTS	ACME INTERIORS	REVISION-3	24 - 04 - 2025							
PAIN T SHADE	BLACK RAL 9005	BASE FRAME		DATE	21 - 04 - 2025	CONTRACTOR	INFINITY ENGINEERS	REVISION-4	06 - 05 - 2025							
								JOB No.	AAA/TRY/3490							
								SHEET No.	4 OF 4							



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# AAA SWITCHGEAR PRIVATE LIMITED

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## PANELS TEST REPORT

**Date** : 16-05-2025

**Job No.** : AAA/TRY/3490

**Board Title:** MAIN PANEL FOR INTERNATIONAL FEEDERS

**Client** : BASL

**Project** : TIRCHY AIRPORT TAMILNADU

**Contractor:** INFINITY ENGINEERS PVT LTD

**Certified that the Panel has been tested & inspected physically in accordance with  
The relevant tests of the International Electrotechnical Commission (IEC)-61439**

### Reference Drawings:

LGD	AAA/LGD/3490	GN	AAA/GN/3490
GA	AAA/GA/3490	SLD	AAA/ SLD /3490
BOM	AAA/BOM/3490	SCHEME	-

### Specifications:

Voltage (Power)	415 V AC	Voltage (Control)	230 V AC
Current	400A FP MCCB	Frequency	50 Hz

### Physical Checks:

Dimensional Checks		Paint Checks	
Height	2175 MM	Paint Shade	Siemens Grey
Length	1150 MM	RAL Code	RAL - 7035
Width	400 MM	Paint Thickness	60-80 MICRON

### Bus Bar Size

Bus Bar Size		Main Bus Bar Clearance	
Phase	1B x 50 x 10MM AL.	Ph. – Ph.	>25 mm
Neutral	1B x 50 x 06MM AL.	Ph. – N.	>25 mm
Earth BUS	1B x 25 x 06MM AL	Ph. – E. N - E	>20 mm

### Insulation Resistance Test (Test Voltage: 500 Volts, DC)

Before High Voltage Test (In Mega Ohm)				After High Voltage Test (In Mega Ohm)			
R – Y	>550MΩ	B – N	>550MΩ	R – Y	>550MΩ	B – N	>550MΩ
Y – B	>550MΩ	R – E	>550MΩ	Y – B	>550MΩ	R – E	>550MΩ
B – R	>550MΩ	Y – E	>550MΩ	B – R	>550MΩ	Y – E	>550MΩ
R – N	>550MΩ	B – E	>550MΩ	R – N	>550MΩ	B – E	>550MΩ
Y – N	>550MΩ	N – E	>550MΩ	Y – N	>550MΩ	N – E	>550MΩ

QAF: QC: 07, REV: 00

Page 1 of 2

**High Voltage Test (Test Voltage: 2.5 KV For 60 Seconds)**

R – Y	With stood	B – N	With stood
Y – B	With stood	R – E	With stood
B – R	With stood	Y – E	With stood
R – N	With stood	B – E	With stood
Y – N	With stood	N – E	With stood

**Following Checks/ Tests carried out as per Drawings.**

Electrical Operation	OK	Electrical Function	OK
Bill of Material	OK	Component Identification/ Name Plate	OK
Fixing of Gasket	OK	Shrouding of accessible live parts	OK
Phase identification and color coding	OK	Bus bar Nut Bolt tightening with torque as per standard.	OK

<b>Tested By</b>	Mr. RAVI	SIGNATURE	Date 16-05-2025
<b>Authorized By</b>	Mr. PRASHANT SINGH	SIGNATURE	Date 16-05-2025

