

SET OF CAGE CLAMP TERMINALS WITH GLASS FUSE FOR LHB NON AC COACHES

Details of Cage clamp terminals with 1.0 Amp. Glass fuses and without indicators for LHB Non AC Coaches with centralized FDB's are as under:-

TABLE-1 :- For LHB EOG LGS Coaches

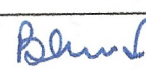
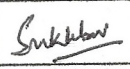
SN	Description	Reference	QPC	Drawing no.
1	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG GS Coaches with centralized FDB's in Doorway area (+VE) Side.	M/s WAGO/ Phoenix or equiv. RCF approved make	03 Nos.	CC72443, Alt-Nil, Item-1
2	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG GS Coaches with centralized FDB's in Doorway area (-VE) Side.		03 Nos.	CC72443, Alt-Nil, Item-2
3	Flat Connecting Complete		02 Nos.	CC72428, Alt-Nil

TABLE-2 :- For LHB EOG LSCN Coaches

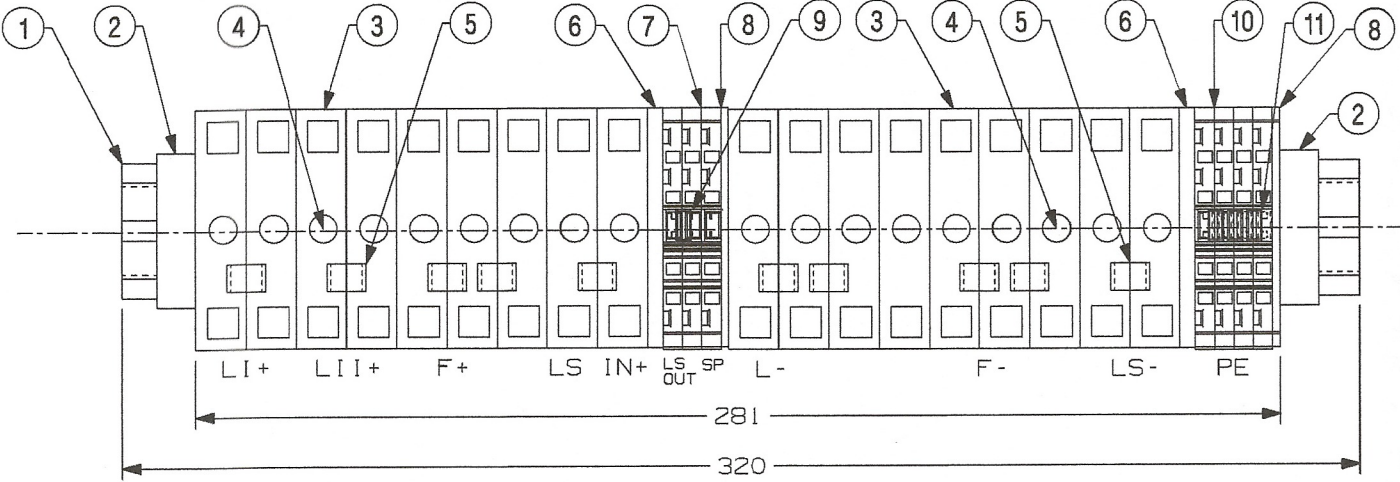
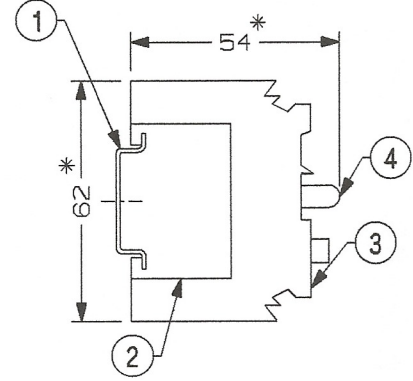
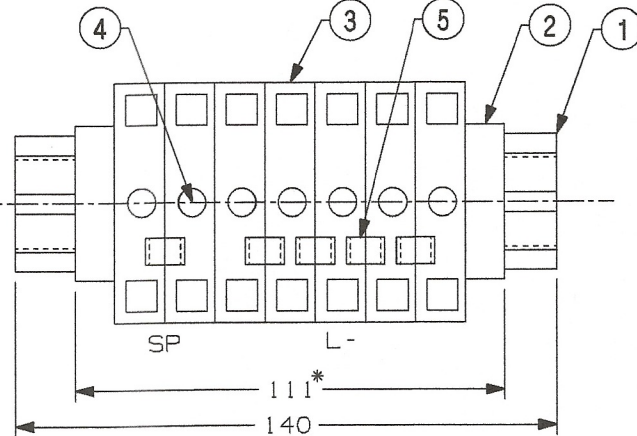
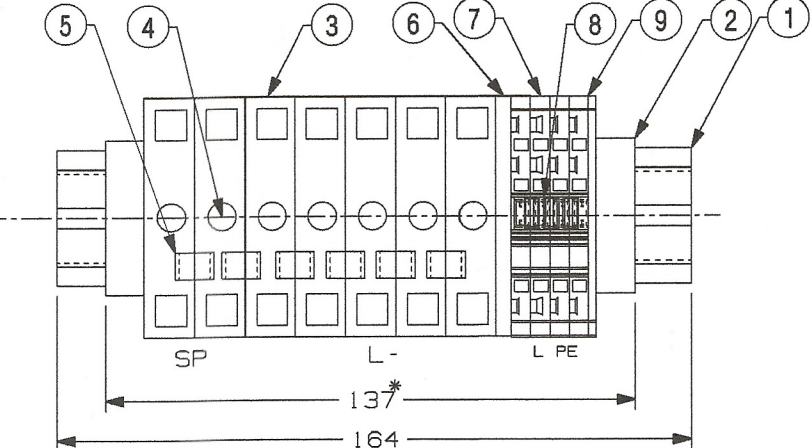
SN	Description	Reference	QPC	Drawing no.
1	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSCN Coaches with centralized FDB's in Cabin Area. (+VE & -VE)	M/s WAGO/ Phoenix or equiv. RCF approved make	10 Nos.	CC72442, Alt-Nil, Item-1
2	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSCN Coaches with centralized FDB's in Doorway area (+VE) Side.		02 Nos.	CC72442, Alt-Nil, Item-2
3	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSCN Coaches with centralized FDB's in Doorway area. (-VE) Side.		02 Nos.	CC72442, Alt-Nil, Item-3
4.	Flat Connecting Complete		02 Nos.	CC72428, Alt-Nil

TABLE-3 :- For LHB EOG LSLRD Coaches (31-Seater)

SN	Description	Reference	QPC	Drawing no.
1	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSLRD Coaches (31 Seater) with centralized FDB's in Doorway area (+VE) Side.	M/s WAGO/ Phoenix or equiv. RCF approved make	03 Nos.	CC72444, Alt-Nil, Item-1
2	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSLRD Coaches (31 Seater) with centralized FDB's in Doorway area (-VE) Side.		03 Nos.	CC72444, Alt-Nil, Item-2
3	Flat Connecting Complete		01 No.	CC72428, Alt-Nil

EDML-221	Nil	19-06-2024				1 of 1
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		2	3	4	5	6	7	8	9	10	11	12	13	
		ALT.NO		ALT.DATE		ZONE		ALTERATIONS		AUTHORITY				
														
ITEM-1, (+VE & -VE) FDB TERMINALS IN (CABIN SIDE)														
														
ITEM-2, (+VE) (DOORWAY SIDE FDB TERMINALS)														
														
ITEM-3, (-VE) (DOORWAY SIDE FDB TERMINALS)														
3. * DIMENSIONS ARE INDICATIVE- FOR WAGO MAKE ONLY. 2. PROTOTYPE TO BE GOT APPROVED FROM CEDE/RCF BEFORE COMMENCING BULK SUPPLY. 1. ALL DIMENSIONS IN MM.														
NOTE :-														
DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE														
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.														
FOR UNTOLERANCED DIMENSIONS REFER MDG0008														
DATE OF FIRST ISSUE 19/06/2024														
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BILL OF MATERIAL FOR ITEM-1

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=320MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NO.
2	SCREWLESS END STOP	249-117 OF M/S WAGO OR EQUIVALENT	02 NOS.
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	18 NOS.
4	GLASS FUSE, 5X20MM, 1A	IEC127-74	18 NOS.
5	ADJACENT JUMPER INSULATED	282-402 OF M/S WAGO OR EQUIVALENT	10 NOS.
6	END & INTERMEDIATE PLATE	282-311 OF M/S WAGO OR EQUIVALENT	02 NOS.
7	4-CONDUCTOR THROUGH TERMINAL BLOCK	280-833 OF M/S WAGO OR EQUIVALENT	03 NOS.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	02 NOS.
9	ADJACENT JUMPER INSULATED	280-402 OF M/S WAGO OR EQUIVALENT	01 NO.
10	4-CONDUCTOR GROUND TERMINAL BLOCK	280-837 OF M/S WAGO OR EQUIVALENT	04 NOS.
11	ADJACENT JUMPER INSULATED	280-422 OF M/S WAGO OR EQUIVALENT	03 NOS.

BILL OF MATERIAL FOR ITEM-2

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=140MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NO.
2	SCREWLESS END STOP	249-117 OF M/S WAGO OR EQUIVALENT	02 NOS.
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	07 NOS.
4	GLASS FUSE, 5X20MM, 1A	IEC127-74	07 NOS.
5	ADJACENT JUMPER INSULATED	282-402 OF M/S WAGO OR EQUIVALENT	05 NOS.

BILL OF MATERIAL FOR ITEM-3

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=160MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NO.
2	SCREWLESS END STOP	249-117 OF M/S WAGO OR EQUIVALENT	02 NOS.
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	07 NOS.
4	GLASS FUSE, 5X20MM, 1A	IEC127-74	07 NOS.
5	ADJACENT JUMPER INSULATED	282-402 OF M/S WAGO OR EQUIVALENT	06 NOS.
6	END & INTERMEDIATE PLATE	282-311 OF M/S WAGO OR EQUIVALENT	01 NO.
7	4-CONDUCTOR GROUND TERMINAL BLOCK	280-837 OF M/S WAGO OR EQUIVALENT	04 NOS.
8	ADJACENT JUMPER INSULATED	280-422 OF M/S WAGO OR EQUIVALENT	03 NOS.
9	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	01 NO.

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP ELECTRICAL	SUPERSEDES: NIL			
WEIGHT	FILE	Z:\CC72442.prt				
NIL	KG	SET OF CAGE CLAMP TERMINALS FOR NON AC LSCN COACHES WITH FDB ON CABIN SIDE ONLY				
S.AREA						
NIL	M ²					
LENGTH / -D+A-						
NIL	M	RAIL COACH FACTORY, KAPURTHALA				
WIDTH / THICK		रेल कोच फैक्टरी कपूरथला				
NIL	M	IRS				
HEIGHT		SEE/D&D				
NIL	M	DY.CEE/D&D				

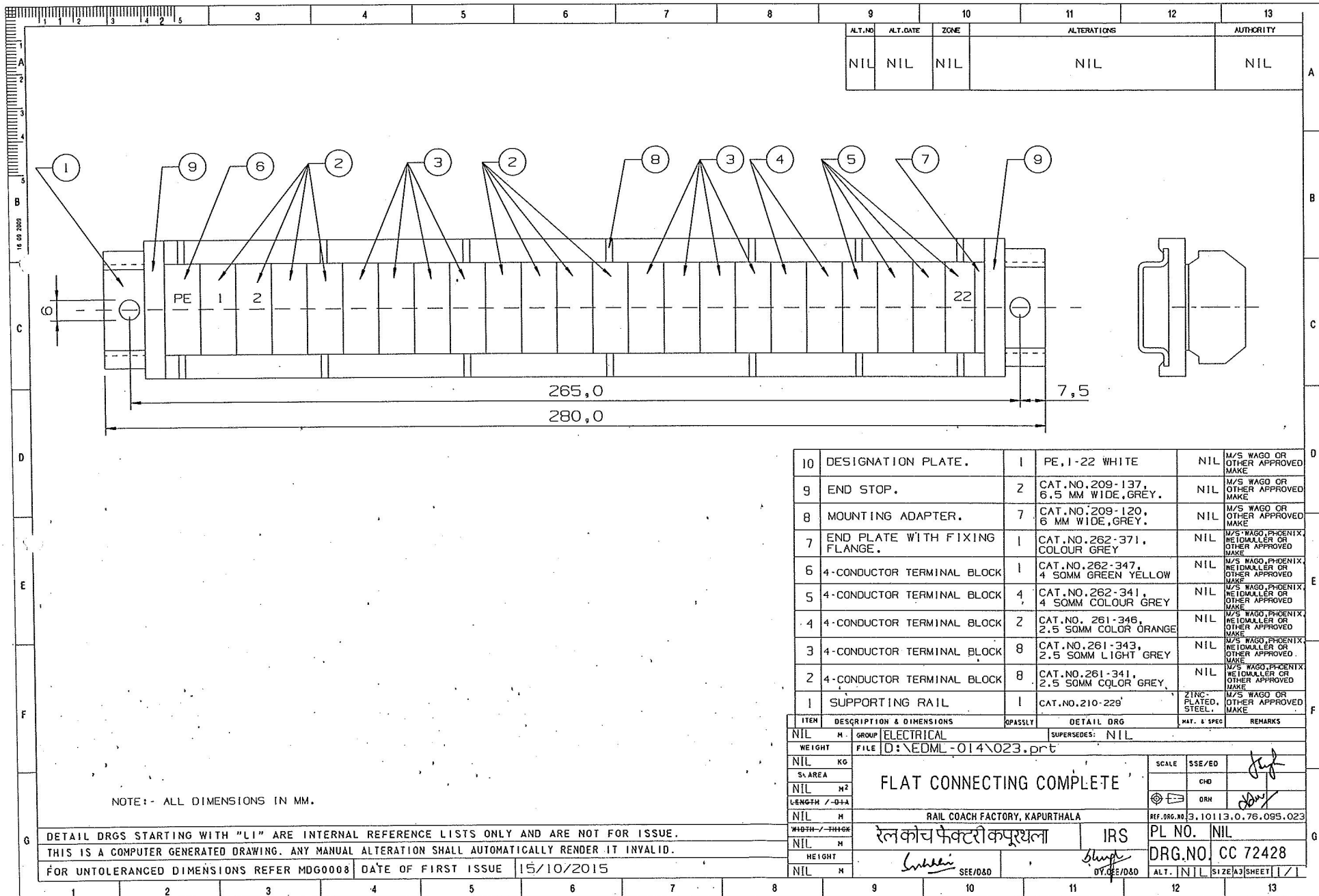
SCALE	SSE/ED	CHD	ORN

REF.DRG.No.	NIL

PL NO.	NIL

DRG.NO.	CC72442

ALT.	NIL	SIZE	A2	SHEET	1 / 1



**Amendment-1 to Doc. No. EDML-221, Rev-Nil for
Set of Cage Clamp Terminals with Glass Fuses for LHB Non AC Coaches**

This amendment is issued to Doc. No. EDML-221, Rev-Nil for Set of Cage Clamp Terminals with Glass fuses for LHB Non AC Coaches with centralised FDB's for the provision of terminals for USB Circuit in coaches. Details are as under:-

TABLE-1 :- For LHB EOG LGS Coaches

SN	Description	Reference	QPC	Drawing no.
1	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG GS Coaches with centralized FDB's in Doorway area (+VE) Side for PP End and NPP End.	M/s WAGO/ Phoenix or equiv. RCF approved make	02 Nos.	CC72443, Alt-'a', Item-1
2	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG GS Coaches with centralized FDB's in Doorway area (-VE) Side for PP End and NPP End.		02 Nos.	CC72443, Alt-'a', Item-2
3	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG GS Coaches with centralized FDB's in Doorway area (+VE) Side for Middle Doorway Area.		01 No.	CC72443, Alt-'a', Item-3
4	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG GS Coaches with centralized FDB's in Doorway area (-VE) Side for Middle Doorway Area.		01 No.	CC72443, Alt-'a', Item-4
5	Flat Connecting Complete		02 Nos.	CC72428, Alt-Nil

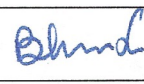
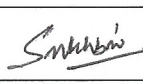
TABLE-2 :- For LHB EOG LSCN Coaches

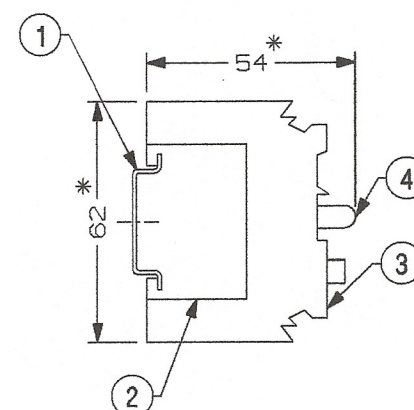
SN	Description	Reference	QPC	Drawing no.
1	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSCN Coaches with centralized FDB's in Cabin Area. (+VE & -VE)	M/s WAGO/ Phoenix or equiv. RCF approved make	10 Nos.	CC72442, Alt-'a', Item-1
2	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSCN Coaches with centralized FDB's (+VE) Side in Doorway area.		02 Nos.	CC72442, Alt-'a', Item-2
3	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSCN Coaches with centralized FDB's (-VE) Side in Doorway area.		02 Nos.	CC72442, Alt-'a', Item-3
4.	Flat Connecting Complete		02 Nos.	CC72428, Alt-Nil

EDML-221, Rev-Nil	1	20-07-2024	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	1 of 2
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TABLE-3 :- For LHB EOG LSLRD Coaches (31-Seater)

SN	Description	Reference	QPC	Drawing no.
1	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSLRD Coaches (31 Seater) with centralized FDB's (+VE) Side in Middle and NPP End Doorway area .	M/s WAGO/ Phoenix or equiv. RCF approved make	02 Nos.	CC72444, Alt-'a', Item-1
2	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSLRD Coaches (31 Seater) with centralized FDB's (-VE) Side in Middle and NPP End Doorway area .		02 Nos.	CC72444, Alt-'a', Item-2
3	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSLRD Coaches (31 Seater) with centralized FDB's (+VE) Side in PP End Doorway area .		01 No.	CC72444, Alt-'a', Item-3
4	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator for LHB EOG LSLRD Coaches (31 Seater) with centralized FDB's (-VE) Side in PP End Doorway area .		01 No.	CC72444, Alt-'a', Item-4
5	Flat Connecting Complete		01 No.	CC72428, Alt-Nil

EDML-221, Rev-Nil	1	20-07-2024				2 of 2
Doc. No.	Amdt.	Date	SSE/CAD	SEE/D&D	DY.CEE/DP	Page No.



BILL OF MATERIAL FOR ITEM-1

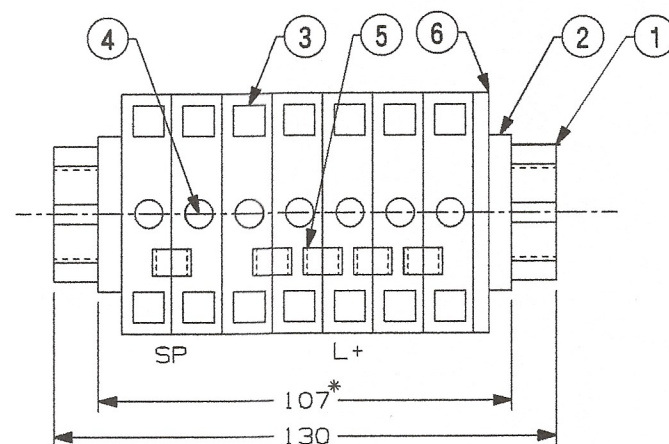
SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=350MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NOS.
2	SCREWLESS END STOP	249-116 OF M/S WAGO OR EQUIVALENT	02 NOS
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	18 NOS
4	GLASS FUSE, 5X20MM, 1A	5508-1-R OF M/S EATON OR EQUIV. OF PROTECTOR/ STEMS/C&S/L&T	18 NOS
5	ADJACENT JUMPER INSULATED	282-402 OF M/S WAGO OR EQUIVALENT	10 NOS
6	END & INTERMEDIATE PLATE	282-311 OF M/S WAGO OR EQUIVALENT	02 NOS
7	4-CONDUCTOR THROUGH TERMINAL BLOCK	280-833 OF M/S WAGO OR EQUIVALENT	10 NOS
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	03 NOS
9	ADJACENT JUMPER INSULATED, GREY	280-402 OF M/S WAGO OR EQUIVALENT	05 NOS
10	4-CONDUCTOR GROUND TERMINAL BLOCK	280-837 OF M/S WAGO OR EQUIVALENT	04 NOS
11	ADJACENT JUMPER INSULATED, GNYE	280-423 OF M/S WAGO OR EQUIV. ENT.	03 NOS

BILL OF MATERIAL FOR ITEM-2

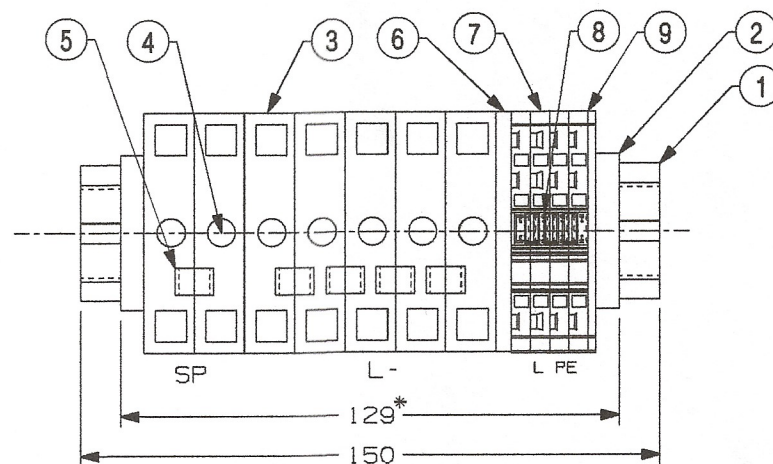
SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=130MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NO.
2	SCREWLESS END STOP	249-116 OF M/S WAGO OR EQUIVALENT	02 NOS
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	07 NOS
4	GLASS FUSE, 5X20MM, 1A	5505-1-R OF M/S EATON OR EQUIV. OF PROTECTOR/ SIEMENS/C&S/L&T	07 NOS
5	ADJACENT JUMPER INSULATED, GREY	282-402 OF M/S WAGO OR EQUIVALENT	05 NOS
6	END & INTERMEDIATE PLATE	282-311 OF M/S WAGO OR EQUIVALENT	01 NO.

BILL OF MATERIAL FOR ITEM-3

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=150MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NOS.
2	SCREWLESS END STOP	249-117 OF M/S WAGO OR EQUIVALENT	02 NOS
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	07 NOS
4	GLASS FUSE, 5X20MM, 1A	5505-1-R OF M/S EATON OR EQUIV. OF PROTECTOR/ SIEMENS/C&S/L&T	07 NOS
5	ADJACENT JUMPER INSULATED, GREY	282-402 OF M/S WAGO OR EQUIVALENT	05 NOS
6	END & INTERMEDIATE PLATE	282-311 OF M/S WAGO OR EQUIVALENT	01 NOS.
7	4-CONDUCTOR GROUND TERMINAL BLOCK	280-837 OF M/S WAGO OR EQUIVALENT	04 NOS
8	ADJACENT JUMPER INSULATED, GNYE	280-422 OF M/S WAGO OR EQUIVALENT	03 NOS
9	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	01 NOS.



ITEM-2, (+VE)
(DOORWAY SIDE FDB TERMINALS)



ITEM-3, (-VE)
(DOORWAY SIDE FDB TERMINALS)

3. * DIMENSIONS ARE INDICATIVE- FOR WAGO MAKE ONLY.
2. PROTOTYPE TO BE GOT APPROVED FROM CEDE/RCF BEFORE COMMENCING BULK SUPPLY.
1. ALL DIMENSIONS IN MM.
NOTE :-

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

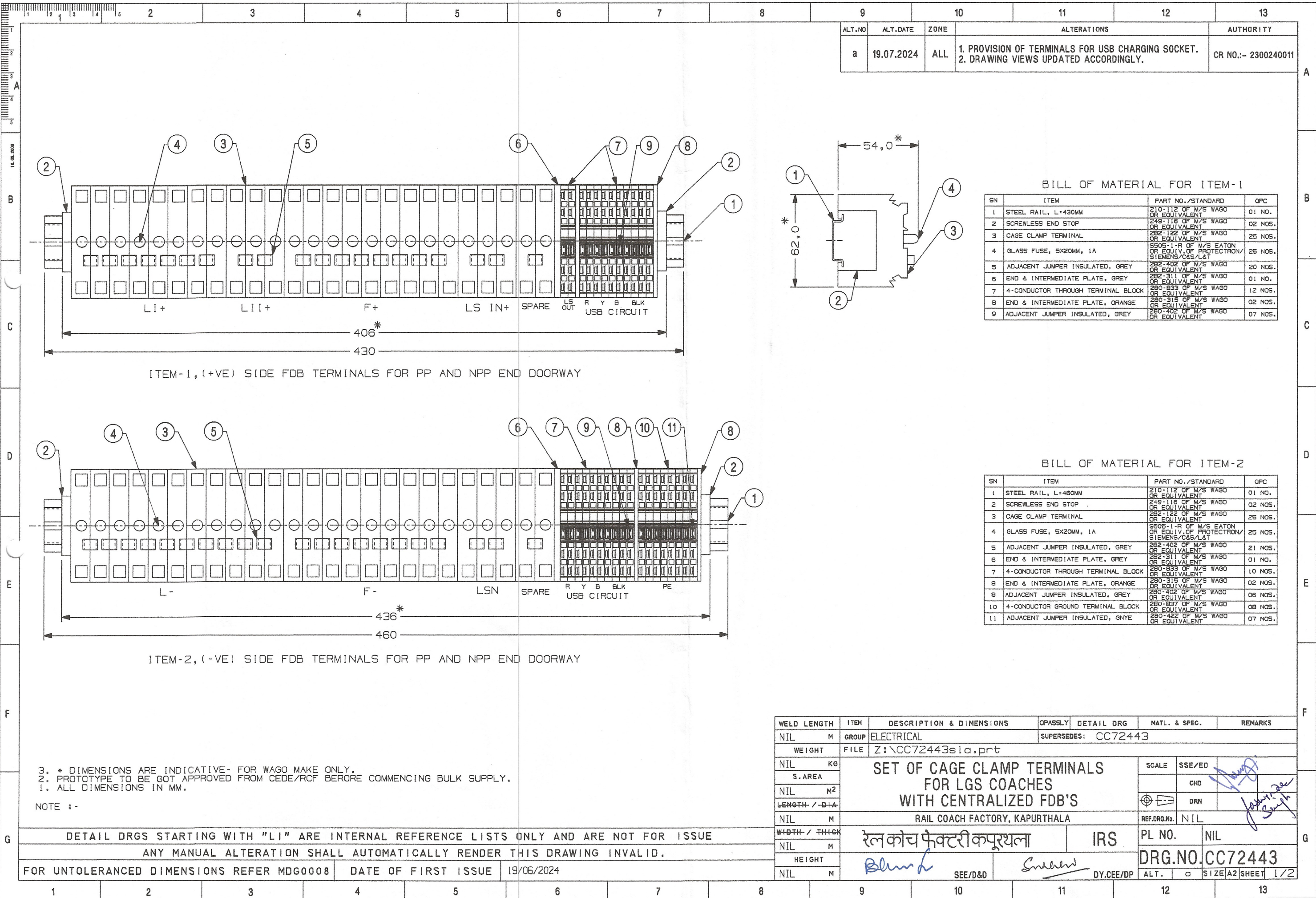
FOR UNTOLERANCED DIMENSIONS REFER MDG0008

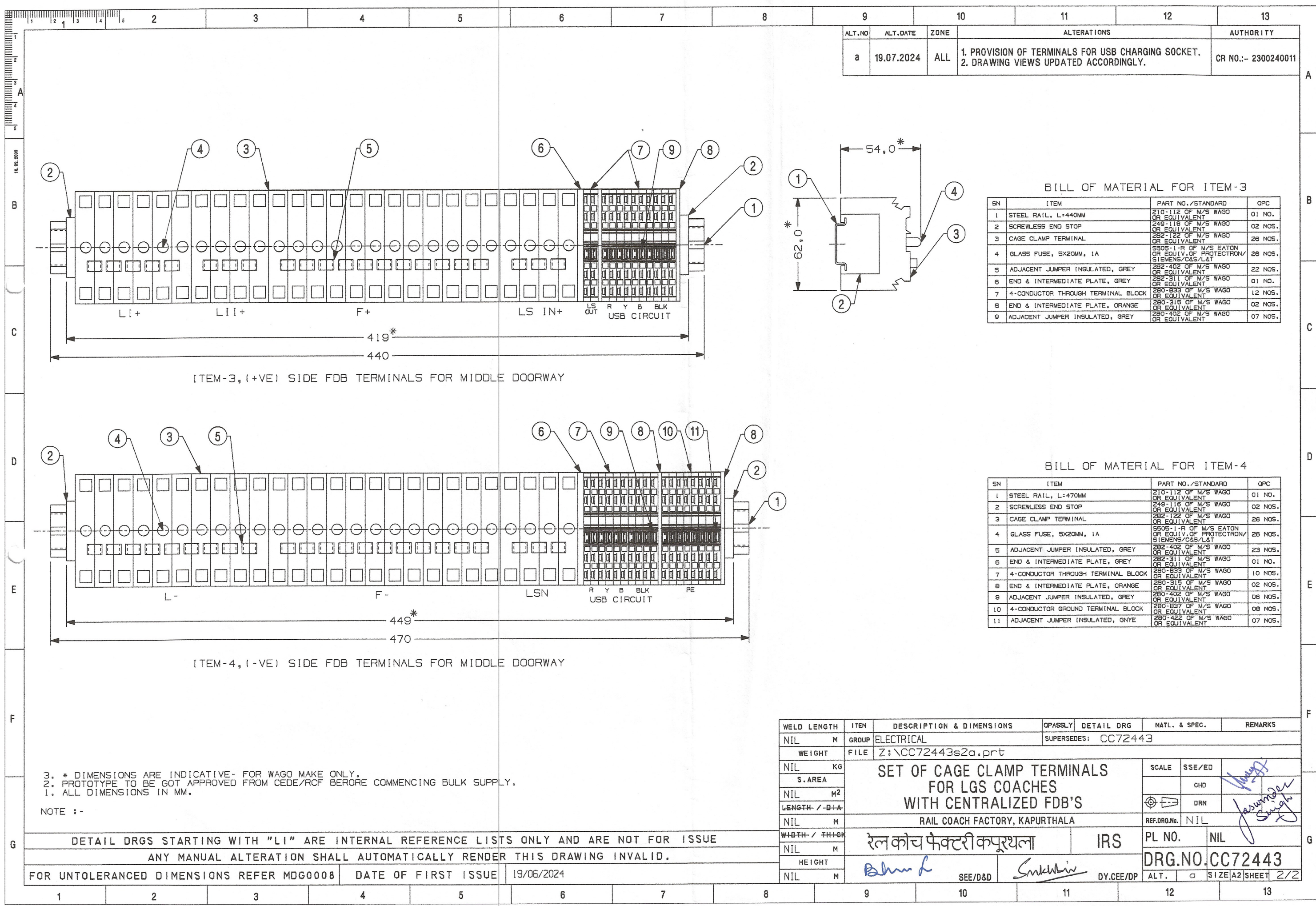
DATE OF FIRST ISSUE

19/06/2024

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	OPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	ELECTRICAL		SUPERSEDES: CC72442	
WEIGHT	FILE	Z:\CC72442a.prt (2D)				
NIL	KG	SET OF CAGE CLAMP TERMINALS FOR NON AC LSCN COACHES WITH FDB ON CABIN SIDE ONLY			SCALE	SSE/ED
S. AREA						CHD
NIL	M ²					DRN
LENGTH / DIA		RAIL COACH FACTORY, KAPURTHALA			REF.DRG.NO.	NIL
NIL	M					
WIDTH / THICK		रेल कोच फैक्टरी कपूरथला		IRS	PL NO.	NIL
NIL	M				DRG.NO.	CC72442
HEIGHT						
NIL	M	SFF/D&D	INCHES	BY.CFF/DP	ALT.	SIZE/A2 SHEET

ALT.	α	SIZE A2	SHEET 1 /
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ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
a	19.07.2024	ALL	1. PROVISION OF TERMINALS FOR USB CHARGING SOCKET. 2. DRAWING VIEWS UPDATED ACCORDINGLY.	CR NO.: 2300240011

BILL OF MATERIAL FOR ITEM-3			
SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=440MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NOS.
2	SCREWLESS END STOP	249-116 OF M/S WAGO OR EQUIVALENT	02 NOS.
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	26 NOS.
4	GLASS FUSE, 5X20MM, 1A	5505-1-R OF M/S EATON OR EQUIV. OF PROTECTRON/SIEMENS/C&S/L&T	26 NOS.
5	ADJACENT JUMPER (INSULATED, GREY	282-402 OF M/S WAGO OR EQUIVALENT	22 NOS.
6	END & INTERMEDIATE PLATE, GREY	282-311 OF M/S WAGO OR EQUIVALENT	01 NOS.
7	4-CONDUCTOR THROUGH TERMINAL BLOCK	280-833 OF M/S WAGO OR EQUIVALENT	12 NOS.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	02 NOS.
9	ADJACENT JUMPER INSULATED, GREY	280-402 OF M/S WAGO OR EQUIVALENT	07 NOS.

BILL OF MATERIAL FOR ITEM-4			
SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=470MM	210-112 OF M/S WAGO OR EQUIVALENT	01 NOS.
2	SCREWLESS END STOP	249-116 OF M/S WAGO OR EQUIVALENT	02 NOS.
3	CAGE CLAMP TERMINAL	282-122 OF M/S WAGO OR EQUIVALENT	26 NOS.
4	GLASS FUSE, 5X20MM, 1A	5505-1-R OF M/S EATON OR EQUIV. OF PROTECTRON/SIEMENS/C&S/L&T	26 NOS.
5	ADJACENT JUMPER (INSULATED, GREY	282-402 OF M/S WAGO OR EQUIVALENT	23 NOS.
6	END & INTERMEDIATE PLATE, GREY	282-311 OF M/S WAGO OR EQUIVALENT	01 NOS.
7	4-CONDUCTOR THROUGH TERMINAL BLOCK	280-833 OF M/S WAGO OR EQUIVALENT	10 NOS.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	02 NOS.
9	ADJACENT JUMPER INSULATED, GREY	280-402 OF M/S WAGO OR EQUIVALENT	06 NOS.
10	4-CONDUCTOR GROUND TERMINAL BLOCK	280-837 OF M/S WAGO OR EQUIVALENT	08 NOS.
11	ADJACENT JUMPER (INSULATED, GNYE	280-422 OF M/S WAGO OR EQUIVALENT	07 NOS.

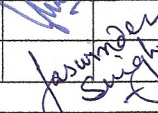
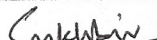
3. * DIMENSIONS ARE INDICATIVE- FOR WAGO MAKE ONLY.
2. PROTOTYPE TO BE GOT APPROVED FROM CEDE/RCF BEFORE COMMENCING BULK SUPPLY.
1. ALL DIMENSIONS IN MM.

NOTE :-

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ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008 DATE OF FIRST ISSUE 19/06/2024

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS		QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS		
NIL	M	GROUP	ELECTRICAL	SUPERSEDES: CC72443					
WEIGHT	FILE	Z:\CC72443s2a.prt							
NIL	KG	SET OF CAGE CLAMP TERMINALS FOR LGS COACHES WITH CENTRALIZED FDB'S				SCALE	SSE/ED		
S.AREA							CHD		
NIL	M2						DRN		
LENGTH / DIA									
NIL	M	RAIL COACH FACTORY, KAPURTHALA				REF.DRG.No.	NIL		
WIDTH / THICK		रेल कोच फैक्टरी कपूरथला				IRS	PL NO.	NIL	
NIL	M	 SEE/D&D  DY.CEE/DP				DRG.NO. CC72443			
HEIGHT						ALT. a SIZE A2 SHEET 2/2			
NIL	M								

													ALT.NO		ALT.DATE		ZONE		ALTERATIONS		AUTHORITY																																									
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DATE OF FIRST ISSUE 19/06/2024																																																														

WELD LENGTH		ITEM		DESCRIPTION & DIMENSIONS		OPASSLY		DETAIL DRG		MATL. & SPEC.		REMARKS	
NIL		M		ELECTRICAL		GROUP		FILE		Z:\CC72444sla.prt (2D)		SUPERSEDES: CC72444	
WEIGHT		FILE		Z:\CC72444sla.prt (2D)									
NIL		KG		SET OF CAGE CLAMP TERMINALS FOR LSLRD (31-SEATER) COACHES WITH CENTRALIZED FDB'S		SCALE		SSE/ED		CHD		DRN	
S.AREA		M2		RAIL COACH FACTORY, KAPURTHALA		REF.DRG.NO.		NIL		PL NO.		NIL	
LENGTH / DIA		M		रेल कोच फैक्टरी कपूरथला		IRS		DRG.NO.		CC72444			
WIDTH / THICK		M		SEE/D&D		DY.CEE/DP		ALT.		a		SIZE A2 SHEET 1/2	
HEIGHT		M											
NIL		M											

49/3

