

SET OF CAGE CLAMP TERMINALS WITH GLASS FUSE FOR LHB NON AC COACHES
(WITH CENTRALISED FDB'S)

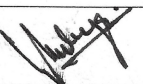
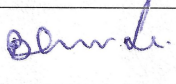
Details of Cage clamp terminals with 1.0 Amp. Glass fuses and without indicators for LHB Non AC Coaches with centralized FDB's are as under:-

TABLE-1 :- For LHB EOG LGS Coaches

S.No.	Description	Reference	QPC	Drawing no.
1.	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator in Doorway area (+VE) Side for LHB EOG GS Coaches (with centralized FDB's).	M/s.Wago/ Phoenix or equiv. RCF approved make	02 Nos.	CC72450, Alt-Nil, Item-1
2.	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator in Doorway area (-VE) Side for LHB EOG GS Coaches (with centralized FDB's).		02 Nos.	CC72450, Alt-Nil, Item-2
3.	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator in Middle Doorway area (+VE) Side for LHB EOG GS Coaches (with centralized FDB's).		01 No.	CC72450, Alt-Nil, Item-3
4.	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator in Middle Doorway area (+VE) Side for LHB EOG GS Coaches (with centralized FDB's).		01 No.	CC72450, Alt-Nil, Item-4

TABLE-2 :- For LHB EOG LSCN Coaches

S.No.	Description	Reference	QPC	Drawing no.
1.	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator in Cabin Area. (+VE & -VE) for LHB EOG SCN Coaches (with centralized FDB's).	M/s.Wago/ Phoenix or equiv. RCF approved make	10 Nos.	CC72451, Alt-Nil, Item-1
2.	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator in Doorway area (+VE) Side for LHB EOG SCN Coaches (with centralized FDB's).		02 Nos.	CC72451, Alt-Nil, Item-2
3.	Cage clamp terminals with 1.0 Amp. Glass fuses without indicator in Doorway area. (-VE) Side for LHB EOG SCN Coaches (with centralized FDB's).		02 Nos.	CC72451, Alt-Nil, Item-3

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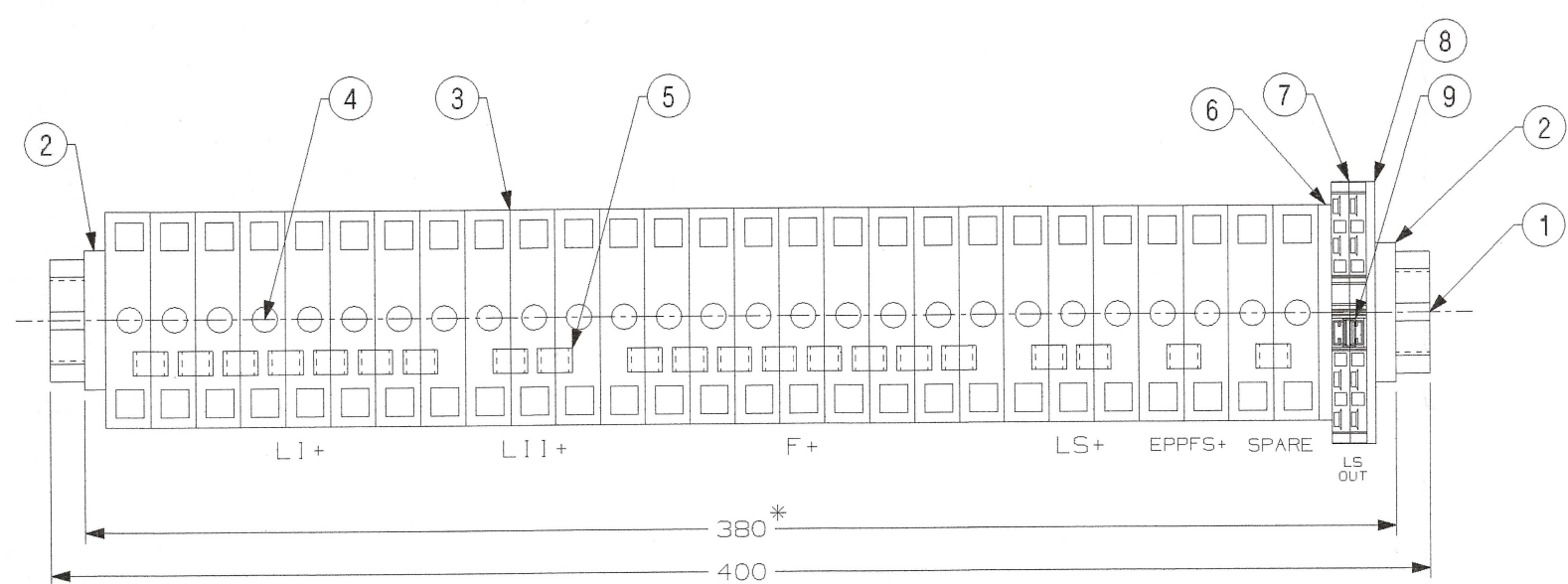
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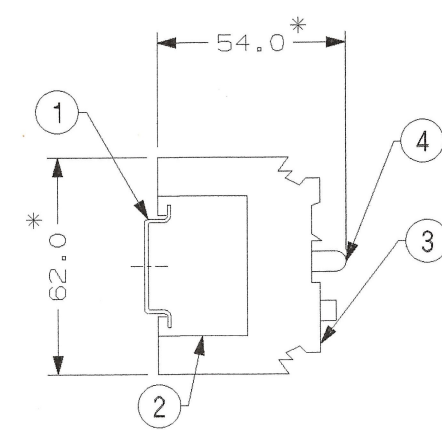
AB

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ITEM-1, (+VE) SIDE FDB TERMINALS FOR PP AND NPP END DOORWAY

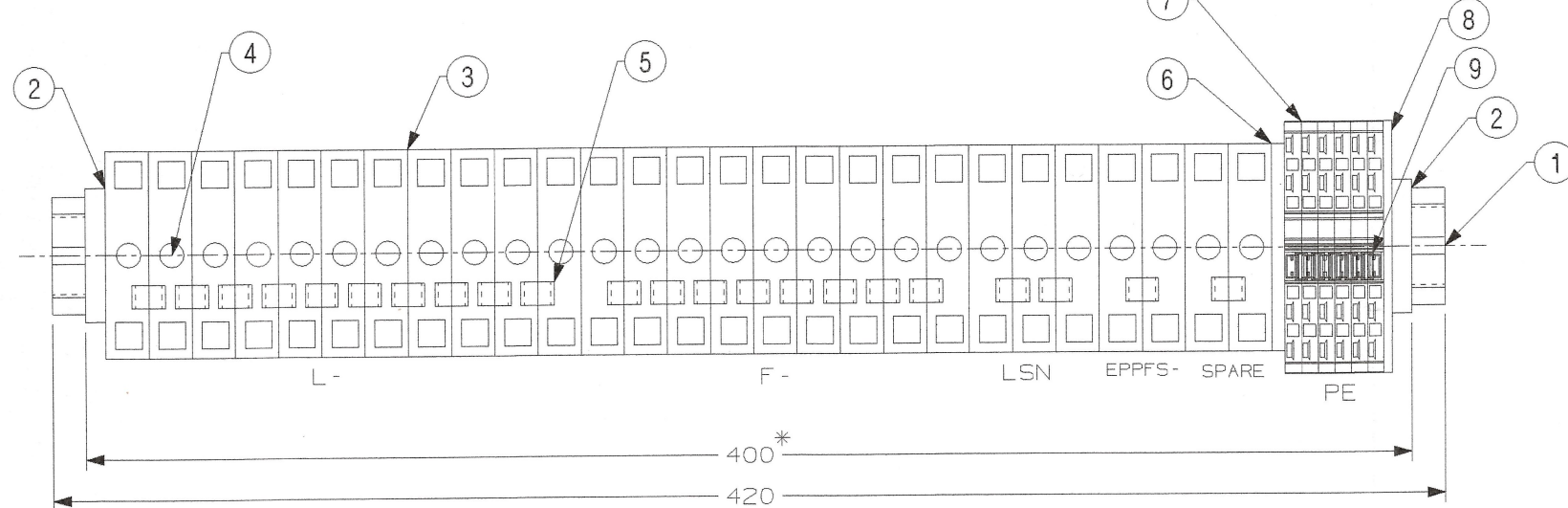


BILL OF MATERIAL FOR ITEM-1

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L:400MM	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	27 NOS.
4	GLASS FUSE, 5X20MM, 1A	5505-1-R OF M/S EATON OR EQUIV. OF PROTECTRON/ SIEMENS/C&S/L&T	27 NOS.
5	ADJACENT JUMPER INSULATED	282-402 OF M/S WAGO OR EQUIVALENT	21 NOS.
6	END & INTERMEDIATE PLATE	282-311 OF M/S WAGO OR EQUIVALENT	01 NO.
7	4-CONDUCTOR THROUGH TERMINAL BLOCK	280-833 OF M/S WAGO OR EQUIVALENT	02 NOS.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	01 NO.
9	ADJACENT JUMPER INSULATED, GREY	280-402 OF M/S WAGO OR EQUIVALENT	01 NO.

BILL OF MATERIAL FOR ITEM-2

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L:420MM	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	27 NOS.
4	GLASS FUSE, 5X20MM, 1A	5505-1-R OF M/S EATON OR EQUIV. OF PROTECTRON/ SIEMENS/C&S/L&T	27 NOS.
5	ADJACENT JUMPER INSULATED	282-402 OF M/S WAGO OR EQUIVALENT	22 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	06 NOS.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	01 NO.
9	ADJACENT JUMPER INSULATED, GNYE	280-422 OF M/S WAGO OR EQUIVALENT	05 NOS.



ITEM-2, (-VE) SIDE FDB TERMINALS FOR PP AND NPP END DOORWAY

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 28/05/2025

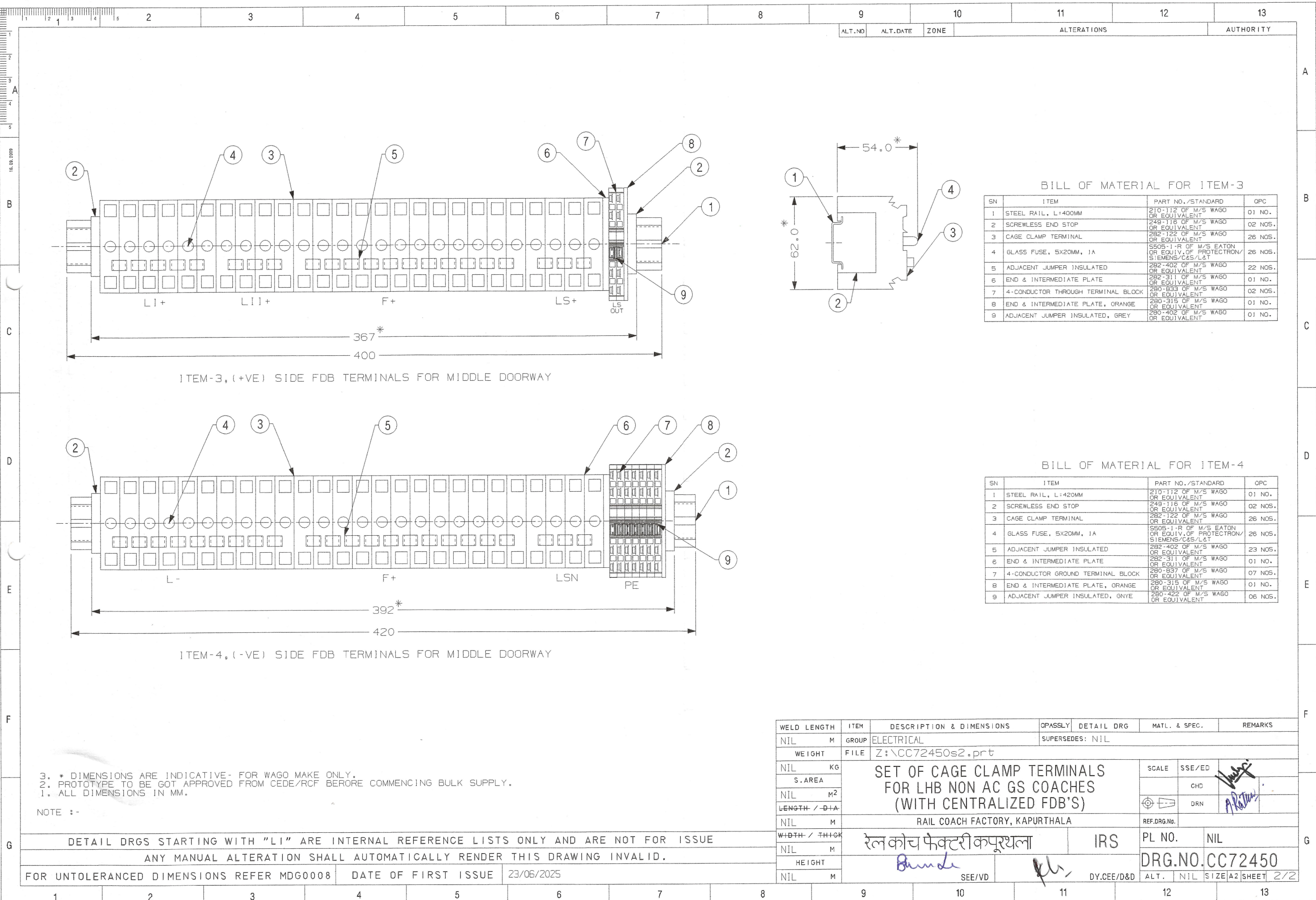
WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	OPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	ELECTRICAL	SUPERSEDES: NIL		
WEIGHT	FILE	Z:\CC72450s1.prt				
NIL	KG					
S.AREA						
NIL	M ²					
LENGTH / DIA						
NIL	M					
WIDTH / THICK						
NIL	M					
HEIGHT						
NIL	M					

SET OF CAGE CLAMP TERMINALS
FOR LHB NON AC GS COACHES
(WITH CENTRALIZED FDB'S)

RAIL COACH FACTORY, KAPURTHALA

रेलकोच फैक्टरी कपूरथला

SCALE SSE/ED
CHD
DRN
REF.DRG.No. NIL
PL NO. NIL
DRG.NO. CC72450
ALT. NIL SIZE A2 SHEET 1/2



BILL OF MATERIAL FOR ITEM-3

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L:400MM	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	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	282-402 OF M/S WAGO OR EQUIVALENT	22 NOS.
6	END & INTERMEDIATE PLATE	282-311 OF M/S WAGO OR EQUIVALENT	01 NO.
7	4-CONDUCTOR THROUGH TERMINAL BLOCK	280-833 OF M/S WAGO OR EQUIVALENT	02 NOS.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	01 NO.
9	ADJACENT JUMPER INSULATED, GREY	280-402 OF M/S WAGO OR EQUIVALENT	01 NO.

BILL OF MATERIAL FOR ITEM-4

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L:420MM	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	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	282-402 OF M/S WAGO OR EQUIVALENT	23 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	07 NOS.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	01 NO.
9	ADJACENT JUMPER INSULATED, GRN	280-422 OF M/S WAGO OR EQUIVALENT	06 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.

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008 DATE OF FIRST ISSUE 23/06/2025

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	ELECTRICAL			SUPERSEDES: NIL
WEIGHT	FILE	Z:\CC72450s2.prt				
NIL	KG					
S.AREA						
NIL	M ²					
LENGTH / DIA						
NIL	M					
WIDTH / THICK						
NIL	M					
HEIGHT						
NIL	M					

SET OF CAGE CLAMP TERMINALS FOR LHB NON AC GS COACHES (WITH CENTRALIZED FDB'S)

RAIL COACH FACTORY, KAPURTHALA

रेल कोच फैक्टरी कपूरथला

SCALE SSE/ED CHD DRN

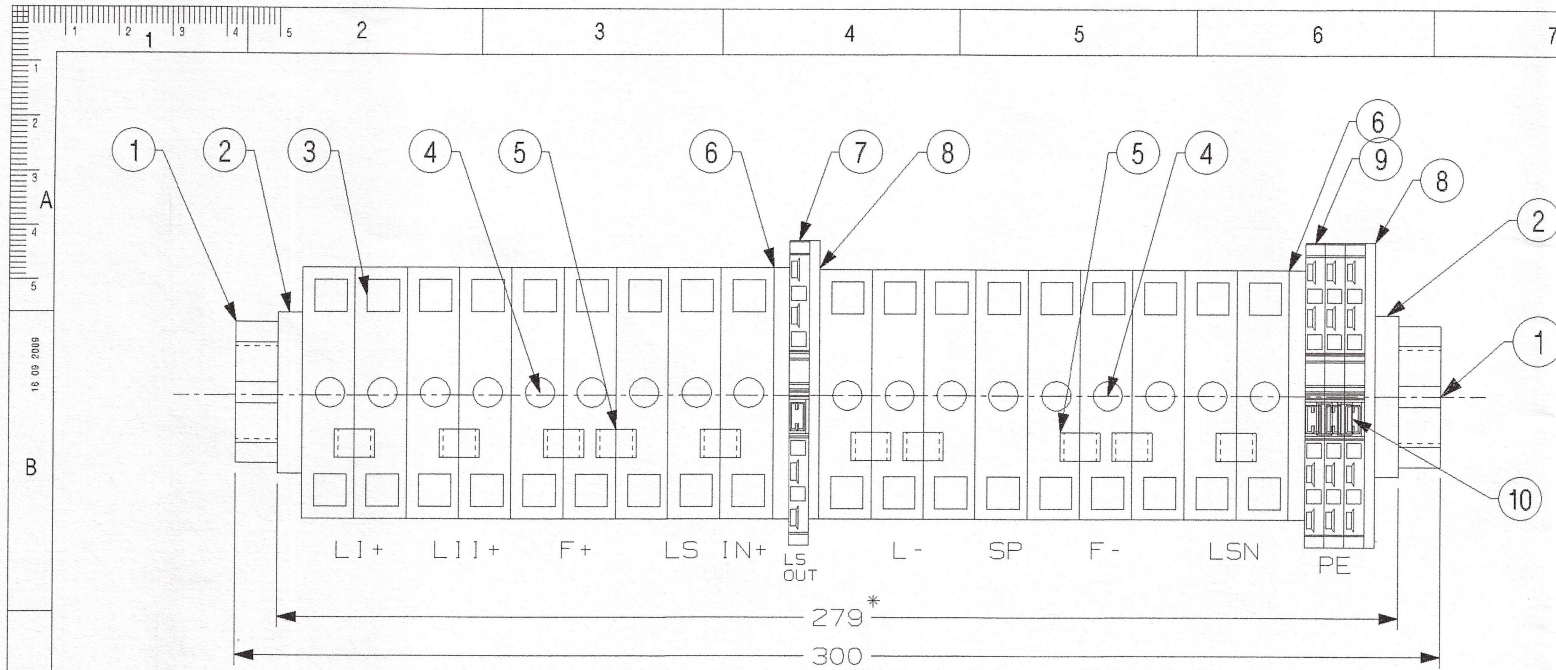
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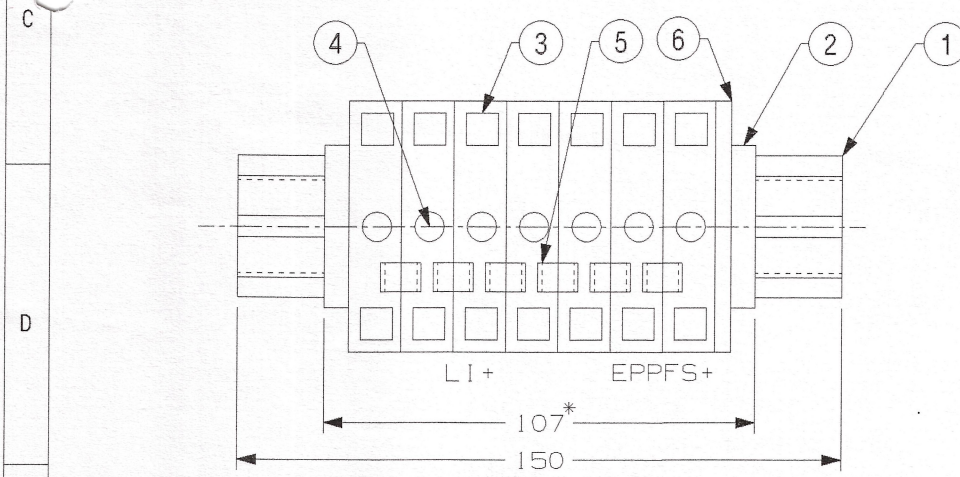
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SEE/VD DY.CEE/D&D

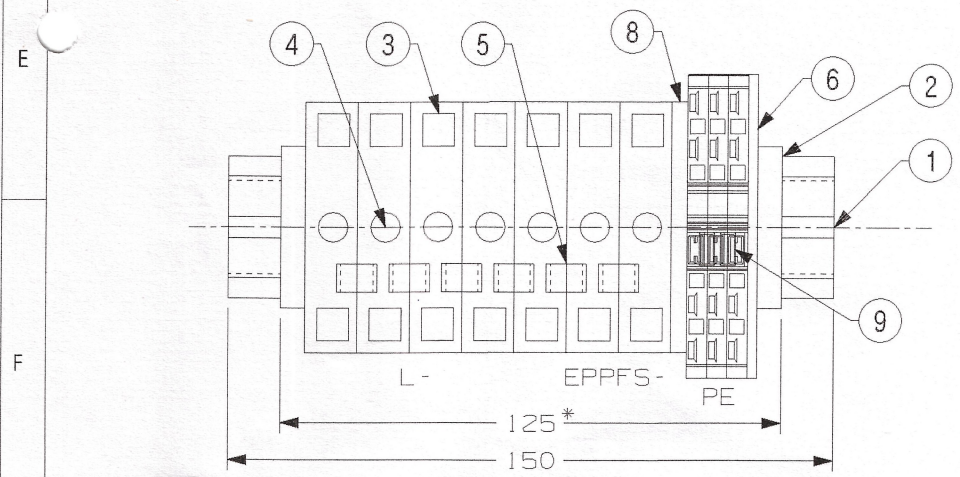
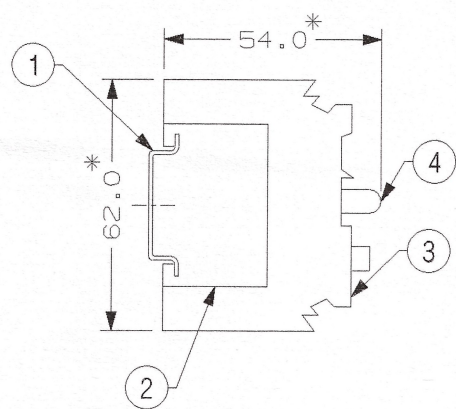
ALT. NIL SIZE A2 SHEET 2/2



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 :-

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
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BILL OF MATERIAL FOR ITEM-1

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=300MM	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	18 NOS.
4	GLASS FUSE, 5X20MM, 1A	5505-1-R OF M/S EATON OR EQUIV.OF PROTECTRON/ SIEMENS/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	01 NO.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	02 NOS.
9	4-CONDUCTOR GROUND TERMINAL BLOCK	280-837 OF M/S WAGO OR EQUIVALENT	01 NO.
10	ADJACENT JUMPER INSULATED, GREY	280-402 OF M/S WAGO OR EQUIVALENT	02 NOS.

BILL OF MATERIAL FOR ITEM-2

SN	ITEM	PART NO./STANDARD	QPC
1	STEEL RAIL, L=150MM	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 PROTECTRON/ SIEMENS/C&S/L&T	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.

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 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 PROTECTRON/ SIEMENS/C&S/L&T	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	03 NO.
8	END & INTERMEDIATE PLATE, ORANGE	280-315 OF M/S WAGO OR EQUIVALENT	01 NO.
9	ADJACENT JUMPER INSULATED, GREY	280-402 OF M/S WAGO OR EQUIVALENT	02 NOS.

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL	M	GROUP	ELECTRICAL		SUPERSEDES: NIL	
WEIGHT	FILE	Z:\CC72451.prt (2D)				
NIL	KG					
S.AREA						
NIL	M ²					
LENGTH / DIA						
NIL	M					
WIDTH / THICK						
NIL	M					
HEIGHT						
NIL	M					

SET OF CAGE CLAMP TERMINALS
FOR LHB EOG NON AC SCN COACHES
(WITH CENTRALISED FDB'S)

RAIL COACH FACTORY, KAPURTHALA

रेल कोच फैक्टरी कपूरथला

SEE/VD

SCALE

SSE/ED

CHD

DRN

REF.DRG.No.

NIL

PL NO.

NIL

DRG.NO.

CC72451

ALT.

NIL

SIZE

A2

SHEET

1 / 1

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