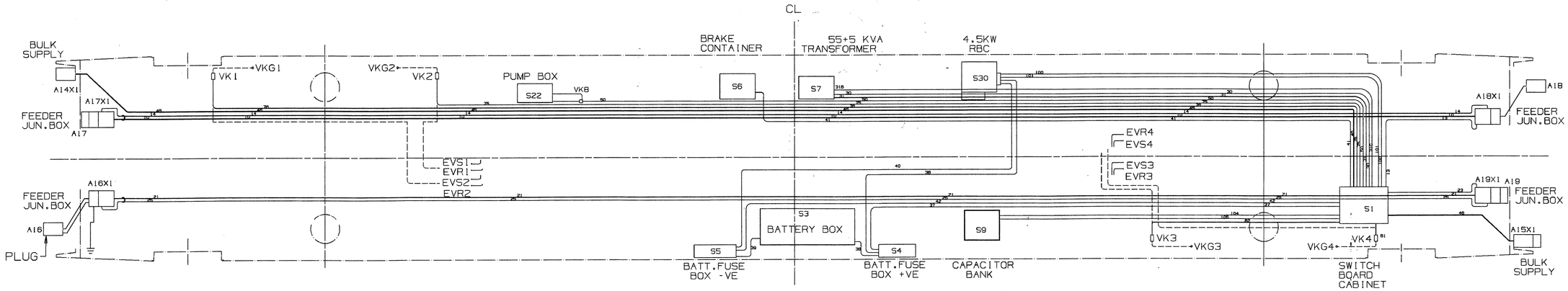
ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY



HARNESS CHART

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF RAIL COACH FACTORY, KAPURTHALA. THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED OR USED FOR MANUFACTURING OF COMPONENTS SUPPLIED OR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER, RAIL COACH FACTORY, KAPURTHALA.

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	le70201 ALT b		
WEIGHT	FILE	\D\LE_3T\le70201c.prt (2D)				
NIL KG	BLOCK,WIRING DIAGRAM & HARNESS CHART FOR UNDER FRAME(FOR AC 3-TIER EOG LHB TYPE COACHES)			SCALE	SSE/ED	
S.AREA					CHD	
NIL M^2					DRN	
~~LENGTH/DIA~~						
NIL M	RAIL COACH FACTORY, KAPURTHALA			REF.DRG.No.	NIL	
~~WIDTH/THICK.~~						
NIL M	रेलकोच फैक्टरी कपूरथला		IRS	PL NO.	NIL	
HEIGHT				DRG.NO.	LE70201	
NIL M	SEE/D&D		DY.CEE/D&D	ALT. c	SIZE A1	SHEET 1/3

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

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

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

DATE OF FIRST ISSUE 17/03/2005

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY

HARNESS CHART

FROM		TO		ROUTE NO.	CABLE SIZE	NO.OF CABLE	LENGTH (IN MTRS)	COLOUR OF CABLE	FERRULE NOS.	CONDUIT SIZE
LOCATION	CRIMPING SOCKET	LOCATION	CRIMPING SOCKET							
A17X1	150 SQ.MM. /M16 (3-NOS.)	A18X1	150 SQ.MM. /M16 (3-NOS.)	10	150	03	24.5	R,Y,B	120101.02,120104.02,120107.02	---
	95 SQ.MM. /M10 (1-NO.)		95 SQ.MM. /M10 (1-NO.)	10	95	01	24.5	BLK	120110.02	
	---		---	14	2.5	02	25.5	CH,CH	4601.01,4601.02	NW-17
S1	50 SQ.MM. /M12 (4-NOS.)	A18X1	50 SQ.MM. /M16 (3-NOS.)	13	50	03	07.0	R,Y,B	120101.01,120104.01,120107.01	NW-48
		→	50 SQ.MM. /M10 (1-NO.)	13	50	01	07.0	BLK	120110.01	
A18X1	150 SQ.MM. /M16 (3-NOS.)	A19X1	150 SQ.MM. /M16 (3-NOS.)	21	150	03	24.5	R,Y,B	120115.02,120118.02,120121.02	---
	95 SQ.MM. /M10 (1-NO.)		95 SQ.MM. /M10 (1-NO.)	21	95	01	24.5	BLK	120124.02	
	---		---	25	2.5	02	25.5	CH,CH	4601.03,4601.04	NW-17
S1	50 SQ.MM. /M12 (4-NOS.)	A18X1	50 SQ.MM. /M16 (3-NOS.)	23	50	03	08.0	R,Y,B	120115.01,120118.01,120121.01	NW-48
		→	50 SQ.MM. /M10 (1-NO.)	23	50	01	08.0	BLK	120124.01	
S1		A15X1		46	25	04	09.0	R,Y,B,BLK	330101.01,330102.01,330103.01,330104.01	NW-36
S1		A14X1		45	25	04	25.0	R,Y,B,BLK	330106.01,330107.01,330108.01,330104.02	NW-36
S1	---	S6 (BRAKE CONTAINER)	---	41	1.5	02	15.0	W,CH	230101.02,230103.01	NW-17
S1	25 SQ.MM. /M8 (4-NOS.)	S7	25 SQ.MM. /M8 (4-NOS.)	30	25	04	13.5	R,Y,B,BLK	120112.02,120113.02,120114.02,120111.02	NW-29
S1	50 SQ.MM. /M8 (4-NOS.)		50 SQ.MM. /M8 (4-NOS.)	31	50	04	15.0	R,Y,B,BLK	120208.01,120207.01,120208.01,120209.01	NW-36
	---		4 SQ.MM. /M6 (4-NOS.)	31C	4	04	19.0	R,Y,B,BLK	120208.03,120207.03,120208.03,120209.03	NW-17
S1	---	S22	---	50	1.5	08	19.5	R,Y,B,GNYE R,Y,B,GNYE	330802.02,330804.02,330808.02,330807.02 330813.02,330815.02,330817.02,330818.02	NW-29
					2X1.0	02	19.5	Br,W	330810.01,330811.01,330819.01,330820.01	
S22	---	PUMP-1	1.5 SQ.MM. /M5 (4-NOS.)	---	1.5	04	1.5	R,Y,B,GNYE	330802.03,330804.03,330808.03,330807.03	NW-12
			1.5 SQ.MM. /M5 (2-NOS.)		2X1.0	01	1.5	Br,W	330810.02,330811.02	
S22	---	PUMP-2	1.5 SQ.MM. /M5 (4-NOS.)	---	1.5	04	1.5	R,Y,B,GNYE	330813.03,330815.03,330817.03,330818.03	NW-12
			1.5 SQ.MM. /M5 (2-NOS.)		2X1.0	01	1.5	Br,W	330819.02,330820.02	
S1	---	S30	---	100	6.0	05	12.0	R,Y,B, BLK,GNYE	33 09 01.01,33 10 01.01,33 11 01.01, 33 12 01.01,33 13 01.01	NW-23
				100	4X1.5	01	12.0	W,Br, Blk,GNYE	32 04 05.21,42 02 04.03,32 04 05.22, 42 02 10.03	
S1	25 SQ.MM. /M8 (1-NO.)	S30	---	101	25	01	07.5	CH	33 01 14.01	NW-17
S3	50 SQ.MM. /M8 (4-NOS.)	S4	→ 50 SQ.MM. /M8 (4-NOS.)	38	50	01	02.5	CH	320109	NW-17
S3	50 SQ.MM. /M8 (4-NOS.)	S5	→ 50 SQ.MM. /M8 (4-NOS.)	39	50	01	02.5	W	320108	NW-17
S1	---	S4	---	37	1.5	02	12.0	CH,CH	320201.01,320203.01	NW-23
S4	25 SQ.MM. /M8 (1-NO.)	S30	---	36	25	01	12.0	CH	320110.01	NW-17
S5	25 SQ.MM. /M8 (1-NO.)	S30	---	40	25	01	10.0	W	320111.01	NW-17
S1	10 SQ.MM. /M8 (1-NO.)	S5	10 SQ.MM. /M8 (1-NO.)	42	10	01	15.0	W	320206	NW-23
	---		---	42	1.5	02	16.0	W,W	320202.01,320204.01	
S1		VK1		76	3X1.0+SHIELD	01	25.0	W,Br,BLK	230301.02,230302.02,230303.02	NW-17
S1		VK2		75	3X1.0+SHIELD	01	23.0	W,Br,BLK	230304.02,230305.02,230306.02	NW-17
S1		VK3		82	3X1.0+SHIELD	01	09.0	W,Br,BLK	230307.02,230308.02,230309.02	NW-17
S1		VK4		81	3X1.0+SHIELD	01	05.0	W,Br,BLK	230310.02,230311.02,230312.02	NW-17
VK4		EVS4/EVR4		87	3X1.0+SHIELD	01	10.0	W,Br,BLK	230214.01,230215.01,230205.10	NW-12
VK3		EVS3/EVR3		87	3X1.0+SHIELD	01	10.0	W,Br,BLK	230210.01,230211.01,230205.08	NW-12
VK2		EVS2/EVR2		86	3X1.0+SHIELD	01	20.0	W,Br,BLK	230206.01,230207.01,230205.08	NW-12
VK1		EVS1/EVR1		86	3X1.0+SHIELD	01	20.0	W,Br,BLK	230201.01,230202.01,230205.04	NW-12
A16X1	150 SQ.MM. /M16 (3-NOS.)	A16	---		150	03	3.0	R,Y,B		---
	95 SQ.MM. /M10 (1-NO.)		---		95	01	3.0	BLK		
	---		---		2.5	02	3.0	CH,CH		
A17X1	150 SQ.MM. /M16 (3-NOS.)	A17	---		150	03	0.5	R,Y,B		---
	95 SQ.MM. /M10 (1-NO.)		---		95	01	0.5	BLK		
	---		---		2.5	02	0.5	CH,CH		
A18X1	150 SQ.MM. /M16 (3-NOS.)	A18	---		150	03	3.0	R,Y,B		---
	95 SQ.MM. /M10 (1-NO.)		---		95	01	3.0	BLK		
	---		---		2.5	02	3.0	CH,CH		
A19X1	150 SQ.MM. /M16 (3-NOS.)	A19	---		150	03	0.5	R,Y,B		---
	95 SQ.MM. /M10 (1-NO.)		---		95	01	0.5	BLK		
	---		---		2.5	02	0.5	CH,CH		
S1	---	S9 (CP-1)	---	104	1.5	03	11.0	R,Y,B	33 03 01.01, 33 03 01.02, 33 03 01.03	NW-23
S1	---	S9 (CP-2)	---		1.5	03	11.0	R,Y,B	33 03 01.04, 33 03 01.05, 33 03 01.06	
S1	---	S9 (CP-3)	---		1.5	03	11.0	R,Y,B	33 03 01.07, 33 03 01.08, 33 03 01.09	
S1	---	S9 (CP-4)	---		1.5	03	11.0	R,Y,B	33 03 01.10, 33 03 01.11, 33 03 01.12	
S1	---	S9 (CP-5)	---		1.5	03	11.0	R,Y,B	33 03 01.13, 33 03 01.14, 33 03 01.15	
S1	---	S9 (SPARE)	---		1.5	03	11.0	R,Y,B		
S1	---	S9 (CP-6)	---	105	1.5	03	11.0	R,Y,B	33 04 02.01, 33 04 02.02, 33 04 02.03	NW-23
S1	---	S9 (CP-7)	---		1.5	03	11.0	R,Y,B	33 04 02.04, 33 04 02.05, 33 04 02.08	
S1	---	S9 (CP-8)	---		1.5	03	11.0	R,Y,B	33 04 02.07, 33 04 02.08, 33 04 02.09	
S1	---	S9 (CP-9)	---		1.5	03	11.0	R,Y,B	33 04 02.10, 33 04 02.11, 33 04 02.12	
S1	---	S9 (CP-10)	---		1.5	03	11.0	R,Y,B	33 04 02.13, 33 04 02.14, 33 04 02.15	
S1	---	S9 (SPARE)	---		1.5	03	11.0	R,Y,B		

&

CODE	DESCRIPTION
S1	SWITCH BOARD CABINET
S3	BATTERY BOX
S4	BATT.FUSE BOX +VE
S5	BATT.FUSE BOX -VE
S6	BRAKE CONTAINER
S7	55+5 KVA TRANSFORMER
S9	CAPACITOR BANK
S21	LEVEL SENSOR
S22	PUMP BOX
S30	4.5KW RBC
A14	BULK SUPPLY
A15	
A16	FEEDER JUNCTION BOX
A17	
A18	
A19	
VK1	CABLE CONNECTION BOX (FOR SPEED SENSOR)
VK2	
VK3	
VK4	
VK5	CABLE CONNECTION BOX (FOR DUMP VALVE)
VK7	
VK8	CABLE CONNECTION BOX (FOR PUMP BOX)
VK9	CABLE CONNECTION BOX (FOR LEVEL SENSOR)
VKG1	SPEED SENSOR
VKG2	
VKG3	
VKG4	
EVS1	DUMP VALVE (DISK BRAKE SYSTEM)
EVS2	
EVR1	
EVR2	
EVS3	
EVS4	
EVR3	
EVR4	

EARTHING CABLES:

CABLE SIZE	NO.OF CABLE	LENGTH (IN MM.)	COLOUR OF CABLE	EQUPMENT	CRIMPING SOCKET
70	04	500	GNYE	FEEDER JUNCTIONN BOX (4-Nos.)	70 SQ.MM. /M12 (8-NOS.)
70	02	500	GNYE	55+5 KVA T/F (2-Nos.)	70 SQ.MM. /M12 (4-NOS.)
70	02	1250	GNYE	FEEDRE JUNCTION BOX (2-Nos.)	70 SQ.MM. /M12 (4-NOS.)
70	02	800	GNYE	FEEDER JUNCTION BOX (2-Nos.)	70 SQ.MM. /M10 (4-NOS.)
50	01	450	GNYE	BATTERY BOX	50 SQ.MM. /M10 (2-NOS.)
16	04	500	GNYE	BRAKE (1-no.), BATTERY FUSE BOX (+VE & -VE) (1-No. each) , CAPACITOR BANK (2-Nos.)	16 SQ.MM. /M8 (10-NOS.)
16	02	300	GNYE	PUMP (2-Nos.)	16 SQ.MM. /M6 (4-NOS.)
2.5	04	450	GNYE	DUMP VALVE (1-No. each)	2.5 SQ.MM. /M6 (8-NOS.)

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RAIL COACH FACTORY, KAPURTHALA.

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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DATE OF FIRST ISSUE 17/03/2005

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	le70201 ALT b		
WEIGHT	FILE	\D\LE_3T\le70201c.prt (2D)				
NIL KG	BLOCK,WIRING DIAGRAM & HARNESS CHART FOR UNDER FRAME(FOR AC 3-TIER EOG LHB TYPE COACHES)			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				DRG.NO.	LE70201	
HEIGHT	SEE/D&D	DY.CEE/D&D		ALT.	C	SIZE A1 SHEET 2/3
NIL M						

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
c	22/12/2025	ALL	1. DRAWING MODIFIED.	CR.NO. 2300250018

41	COPPER CRIMPING SOCKET FOR 25 SQ. MM CABLE	15	NIL	EDTS-200,AM-2, CORR-3, ITEM-14	TO COVED. EDTS-253, REV-J, CORR-10
40	COPPER CRIMPING SOCKET FOR 25 SQ. MM CABLE	8	NIL	EDTS-200,AM-2, CORR-3, ITEM-13	TO COVED. EDTS-253, REV-J, CORR-10
38	COPPER CRIMPING SOCKET FOR 50 SQ. MM CABLE	12	NIL	EDTS-200,AM-2, CORR-3, ITEM-11	TO COVED. EDTS-253, REV-J, CORR-10
37	COPPER CRIMPING SOCKET FOR 50 SQ. MM CABLE	2	NIL	EDTS-200,AM-2, CORR-3, ITEM-10	TO COVED. EDTS-253, REV-J, CORR-10
33	CABLE MARKING SYSTEM	1	NIL	EDML-60, REV-E COL-VI	TO COVED. EDTS-253, REV-J, CORR-10
31	2X1.0 SQ.MM COLOR WHITE, BROWN ELECTRON BEAM IRRADIATED CABLE GOO/IOOOV (IN NTRS)	39	NIL	EDTS-132, REV-C AM-3,CORR-1	DS-4, COVD. IN EDTS-253, REV-J, CORR-10
30	4X1.5 SQ.MM COLOR BLACK BROWN BLUE & GRYE E-BEAM IRRADIATED CABLE GOO/IOOOV (IN NTRS)	12	NIL	EDTS-132, REV-C AM-3,CORR-1	DS-3, COVD. IN EDTS-253, REV-J, CORR-10
29	50 SQ. MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V (IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
28	1.5 SQ. MM (CHOCO.) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	39	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
27	1.5 SQ. MM (WHITE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	47	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
26	2.5 SQ. MM (CHOCO.) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	102	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
25	2.5 SQ. MM (GN/Y) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	2	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
24	16 SQ. MM (GN/Y) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	3.5	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
23	10 SQ. MM (WHITE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
22	25 SQ. MM (CHOCO) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	20	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
21	25 SQ. MM (WHITE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	25	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
20	25 SQ. MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	34	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
19	25 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	34	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
18	25 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	34	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
17	25 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	34	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
16	25 SQ. MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.. 750V TO 1.8/3.0KV(IN NTRS)	14	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
15	25 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.. 750V TO 1.8/3.0KV(IN NTRS)	14	NIL	ELRS/SPEC/ELC/ 0019,R-4	TO COVED. EDTS-253, REV-J, CORR-10
14	25 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.. 750V TO 1.8/3.0KV(IN NTRS)	14	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
13	25 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.. 750V TO 1.8/3.0KV(IN NTRS)	14	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
12	50 SQ. MM (GN/Y) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V (IN NTRS)	0.5	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
11	50 SQ. MM (CHOCO) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V (IN NTRS)	2.5	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
10	50 SQ. MM (WHITE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V (IN NTRS)	2.5	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
9	50 SQ. MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	13	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
8	50 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	13	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
7	50 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	13	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
6	50 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	13	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
5	70 SQ. MM (GNYE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	10	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
4	95 SQ. MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	49	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
3	150 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	49	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
2	150 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	49	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
1	150 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.750V TO 1.8/3.0KV(IN NTRS)	49	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10

71	COPPER CRIMPING SOCKET FOR 1.5 SQ. MM CABLE	12	NIL	EDTS-201,REV-A AM-3,CORR-2	ITEM-11
70	COPPER CRIMPING SOCKET FOR 4 SQ. MM CABLE	4	NIL	EDTS-201,REV-A AM-3,CORR-2	ITEM-8
69	COPPER CRIMPING SOCKET FOR 10 SQ. MM CABLE	2	NIL	EDTS-201,REV-A AM-3,CORR-2	ITEM-1
68	1.5 SQ. MM (GNYE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	39	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
67	6 SQ. MM (GNYE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	12	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
66	6 SQ. MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	12	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
65	6 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	12	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
64	6 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	12	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
63	6 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	12	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
62	COPPER CRIMPING SOCKET FOR 2.5 SQ. MM CABLE	8	NIL	EDTS-201,REV-A, AM-3, COR-2	ITEM-10, TO COMB. EDTS-253, REV-J, CORR-10
61	COPPER CRIMPING SOCKET FOR 70 SQ. MM CABLE	20	NIL	EDTS-200,AM-2, CORR-3, ITEM-7	TO COVED. EDTS-253, REV-J, CORR-10
60	1.5 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	171	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
59	1.5 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	171	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
58	1.5 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	171	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
57	2.5 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
56	2.5 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
55	2.5 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
54	4 SQ. MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
53	4 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
52	4 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
51	4 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND. UPTO 750V(IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
50	50 SQ. MM (BLUE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V (IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
49	50 SQ. MM (YELLOW) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V (IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
48	50 SQ. MM (RED) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND.UPTO 750V (IN NTRS)	15	NIL	ELRS/SPEC/ELC/ 0019, R-4	TO COVED. EDTS-253, REV-J, CORR-10
47	COPPER CRIMPING SOCKET FOR 6 SQ. MM CABLE	10	NIL	EDTS-201,REV-A AM-3,CORR-2	ITEM-5, TO COMB. EDTS-253, REV-J, CORR-10
46	COPPER CRIMPING SOCKET FOR 6 SQ. MM CABLE	8	NIL	EDTS-201,REV-A AM-3,CORR-2	ITEM-6, TO COMB. EDTS-253, REV-J, CORR-10
45	COPPER CRIMPING SOCKET FOR 10 SQ. MM CABLE	8	NIL	EDTS-201,REV-A AM-3,CORR-2	ITEM-2, TO COMB. EDTS-253, REV-J, CORR-10
44	COPPER CRIMPING SOCKET FOR 16 SQ. MM CABLE	2	NIL	EDTS-200,AM-2, CORR-3, ITEM-17	TO COVED. EDTS-253, REV-J, CORR-10
43	COPPER CRIMPING SOCKET FOR 16 SQ. MM CABLE	14	NIL	EDTS-200,AM-2, CORR-3, ITEM-16	TO COVED. EDTS-253, REV-J, CORR-10
42	COPPER CRIMPING SOCKET FOR 16 SQ. MM CABLE	27	NIL	EDTS-200,AM-2, CORR-3, ITEM-15	TO COVED. EDTS-253, REV-J, CORR-10

WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	le70201 ALT b		
WEIGHT	FILE	\D\LE_3T\le70201c.prt (2D)				

NIL KG	BLOCK,WIRING DIAGRAM & HARNESS CHART FOR UNDER FRAME(FOR AC 3-TIER EOG LHB TYPE COACHES)	SCALE	SSE/ED
S.AREA			CHD
NIL M²			DRN
~~LENGTH/DIA~~	RAIL COACH FACTORY, KAPURTHALA	REF.DRG.No.	NIL
NIL M			
~~WIDTH/THICK.~~	रेल कोच फैक्ट्री कपूरथला IRS	PL NO.	NIL
NIL M		DRG.NO.	LE70201
HEIGHT	SEE/D&D DY.CEE/D&D	ALT. c	SIZE A1 SHEET 3/3
NIL M			

& 3. WIRING SHOWN FOR REFERENCE. (IN SCOPE OF ANTISKID DEVICE SUPPLIER).
2. FOR EARTHING PURPOSE 70 SQ.MM CABLE TO BE USED.
1. THE COLOUR & LENGTH OF INDIVIDUAL CABLE IS GIVEN IN THE BIL OF MATERIAL.

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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