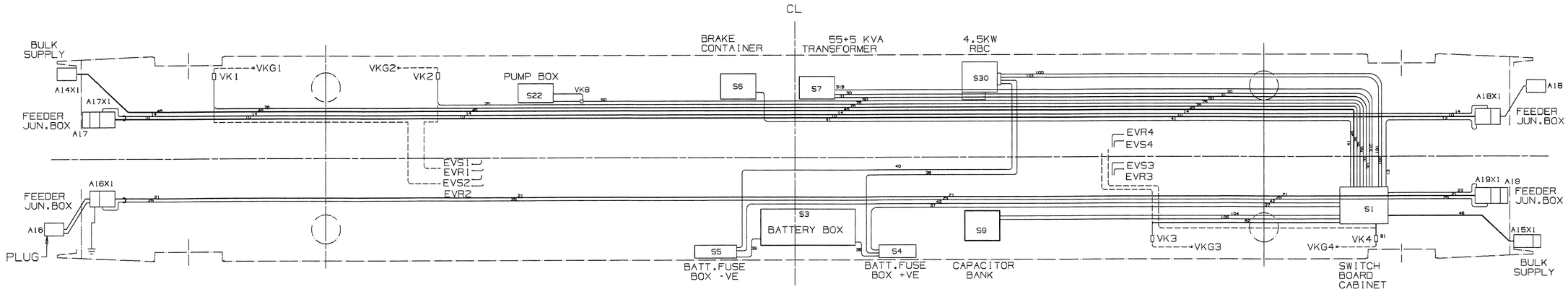
| ALT.NO | ALT.DATE | ZONE | ALTERATIONS | AUTHORITY |
|---|---|---|---|---|




HARNESS CHART

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| WELD LENGTH | ITEM | DESCRIPTION & DIMENSIONS | QPASSLY | DETAIL DRG | MATL. & SPEC. | REMARKS |
|---|---|---|---|---|---|---|
| NIL M | GROUP | ELECTRICAL | SUPERSEDES: | LW70211 ALT c | | |
| WEIGHT | FILE | \\hs022\elec\sahu\lw70211d.prt (2D) | | | | |
| NIL KG | BLOCK,WIRING DIAGRAM & HARNESS CHART FOR UNDER FRAME(FOR AC 2-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.~~ | रेलकोच फैक्टरी कपूरथला | | IRS | PL NO. | NIL | |
| NIL M | | | | DRG.NO. | LW70211 | |
| HEIGHT | | | | ALT. | 0 | SIZE A1 SHEET 1/3 |
| NIL M | SEE/D&D | | DY.CEE/D&D | | | |

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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DATE OF FIRST ISSUE 17/03/2005

# 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.) | A1BX1 | 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.) | A1BX1 | 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 | |
| A16X1 | 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 | |
| | --- | | --- | 26 | 2.5 | 02 | 25.5 | CH,CH | 4601.03,4601.04 | NW-17 |
| S1 | 50 SQ.MM. /M12 (4-NOS.) | A19X1 | 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 | --- | S8 (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 |
| S1 | --- | | 4 SQ.MM. /M6 (4-NOS.) | 31C | 4 | 04 | 19.0 | R,Y,B,BLK | 120206.03,120207.03,120208.03,120209.03 | NW-17 |
| S1 | --- | S22 | --- | 50 | 1.5 | 08 | 19.5 | R,Y,B,GNYE<br>R,Y,B,GNYE | 330802.02,330804.02,330808.02,330807.02<br>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,<br>BLK,GNYE | 33 09 01.01,33 10 01.01,33 11 01.01,<br>33 12 01.01,33 13 01.01 | NW-23 |
| | | | | | 4X1.5 | 01 | 12.0 | W,Br,<br>BLK,GNYE | 32 04 05.21,42 02 04.03,32 04 05.22,<br>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 (1-NO.) | S4 | 50 SQ.MM. /M8 (1-NO.) | 38 | 50 | 01 | 02.5 | CH | 320109 | NW-17 |
| S3 | 50 SQ.MM. /M8 (1-NO.) | S5 | 50 SQ.MM. /M8 (1-NO.) | 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 | 18.0 | 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 | 08.0 | 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 | 230208.01,230207.01,230205.06 | 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 02.06 | |
| 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. /M8 (4-NOS.) |
| 2.5 | 04 | 450 | GNYE | DUMP VALVE (1-No. each) | 2.5 SQ.MM. /M6 (8-NOS.) |

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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DATE OF FIRST ISSUE 17/03/2005

| ALT.NO | ALT.DATE | ZONE | ALTERATIONS | AUTHORITY |
|---|---|---|---|---|

| WELD LENGTH | ITEM | DESCRIPTION & DIMENSIONS | QPASSLY | DETAIL DRG | MATL. & SPEC. | REMARKS |
|---|---|---|---|---|---|---|
| NIL M | GROUP | ELECTRICAL | SUPERSEDES: LW70211 ALT C | | | |
| WEIGHT | FILE | \\hs022\elec\sahu\lw70211d.prt (2D) | | | | |
| NIL KG | BLOCK,WIRING DIAGRAM & HARNESS CHART FOR UNDER FRAME(FOR AC 2-TIER EOG LHB TYPE COACHES) | | | SCALE | SSE/ED | |
| S.AREA | | | | CHD | | |
| NIL M2 | | | | DRN | | |
| ~~LENGTH/DIA~~ | | | | REF.DRG.No. NIL | | |
| NIL M | RAIL COACH FACTORY, KAPURTHALA | | | | | |
| ~~WIDTH/THICK.~~ | रेल कोच फैक्टरी कपूरथला | IRS | | PL NO. | NIL | |
| NIL M | | | | DRG.NO. | LW70211 | |
| HEIGHT | SEE/D&D | DY.CEE/D&D | | ALT. | 0 | SIZE A1 SHEET 2/3 |
| NIL M | | | | | | |

| ALT.NO | ALT.DATE | ZONE | ALTERATIONS | AUTHORITY |
|---|---|---|---|---|
| f | 22/01/2026 | ALL | 1. BILL OF MATERIAL UPDATED. | C.R.NO. 2300250018 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73 | COPPER CRIMPING SOCKET FOR 1.5 SQ.MM. CABLE | 12 | NIL | EDTS-201,REV-A, AM-3,CORR-2 | ITEM-11, COND. IN EDTS-252, REV-J, CORR-0 | 43 | COPPER CRIMPING SOCKET FOR 16 SQ.MM CABLE | 14 | NIL | EDTS-200, AM-2, CORR-3, ITEM-16 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 72 | COPPER CRIMPING SOCKET FOR 4 SQ.MM. CABLE | 4 | NIL | EDTS-201,REV-A, AM-3,CORR-2 | ITEM-8, COND. IN EDTS-252, REV-J, CORR-0 | 42 | ~~COPPER CRIMPING SOCKET FOR 16 SQ.MM CABLE~~ | ~~27~~ | EDTS200 ITEM-15AM-1 | ~~NIL~~ | (REV.01CORR-2 |
| 71 | COPPER CRIMPING SOCKET FOR 10 SQ.MM. CABLE | 2 | NIL | EDTS-201,REV-A, AM-3,CORR-2 | ITEM-1, COND. IN EDTS-252, REV-J, CORR-0 | 41 | COPPER CRIMPING SOCKET FOR 25 SQ.MM CABLE | 15 | NIL | EDTS-200,AM-2, CORR-3, ITEM-14 | COVE. IN EDTS-252, REV-J, CORR-0 |
| 70 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 | 40 | COPPER CRIMPING SOCKET FOR 25 SQ.MM CABLE | 08 | NIL | EDTS-200,AM-2, CORR-3, ITEM-13 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 69 | 6 SQ.MM(GNYE) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 12 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 38 | COPPER CRIMPING SOCKET FOR 50 SQ.MM CABLE | 12 | NIL | EDTS-200,AM-2, CORR-3, ITEM-11 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 68 | 6 SQ.MM(BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 12 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 37 | COPPER CRIMPING SOCKET FOR 50 SQ.MM CABLE | 2 | NIL | EDTS-200,AM-2, CORR-3, ITEM-10 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 67 | 6 SQ.MM(BLUE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 12 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 33 | CABLE MARKING SYSTEM | 01 | NIL | EDML-60, REV-E COL-VI | NIL |
| 66 | 6 SQ.MM(YELLOW)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 12 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 31 | 2X1.0 SQ.MM COLOR WHITE,CHOCOLATE ELECTRON BEAM IRRADIATED CABLE 600/1000V(IN NTRS) | 39 | NIL | EDTS-132, REV-C AM-3, CORR-1 | DS-4, COVD. IN EDTS-252, REV-J, CORR-0 |
| 65 | 6 SQ.MM(RED)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 12 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 30 | 4X1.5 SQ.MM COLOR BLACK BROWN BLUE & GNYE E-BEAM IRRADIATED CABLE 600/1000V(IN NTRS) | 12 | NIL | EDTS-132, REV-C AM-3,CORR-1 | DS-3, COVD. IN EDTS-252, REV-J, CORR-0 |
| 64 | 2.5 SQ.MM(GNYE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 2 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 29 | 16 SQ.MM(GN/YE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 4 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 63 | COPPER CRIMPING SOCKET FOR 2.5 SQ.MM. CABLE | 8 | NIL | EDTS-201, REV-A AM-3,CORR-2 | ITEM-10, COND. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 62 | COPPER CRIMPING SOCKET FOR 70 SQ.MM. CABLE | 20 | NIL | EDTS-200,AM-2, CORR-3, ITEM-7 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 61 | 1.5 SQ.MM(BLUE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 132 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 60 | 1.5 SQ.MM(YELLOW)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 132 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 59 | 1.5 SQ.MM(RED)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 132 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 58 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 57 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 56 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 55 | 4 SQ.MM(BLACK)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 15 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 54 | 4 SQ.MM(BLUE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 15 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 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 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 53 | 4 SQ.MM(YELLOW)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 15 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 16 | 25 SQ.MM(BLACK)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 14 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 52 | 4 SQ.MM(RED)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 15 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 15 | 25 SQ.MM(BLUE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 14 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 51 | 50 SQ.MM(BLACK)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..UPTO 750V(IN NTRS) | 15 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 | 14 | 25 SQ.MM(YELLOW)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 14 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 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 | COVD. IN EDTS-252, REV-J, CORR-0 | 13 | 25 SQ.MM(RED)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 14 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 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 | COVD. IN EDTS-252, REV-J, CORR-0 | 12 | 50 SQ.MM(CHOCO)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 03 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| 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 | COVD. IN EDTS-252, REV-J, CORR-0 | 11 | 50 SQ.MM(WHITE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 03 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| ~~47~~ | COPPER CRIMPING SOCKET FOR 6 SQ.MM CABLE | ~~10~~ | EDTS201 REV-A,AM-2 | ~~NIL~~ | CORR-1,ITEM-5 | 10 | 50 SQ.MM(GN/YE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 1 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| ~~46~~ | COPPER CRIMPING SOCKET FOR 6 SQ.MM CABLE | ~~08~~ | EDTS201 REV-A,AM-2 | ~~NIL~~ | CORR-1,ITEM-6 | 9 | 50 SQ.MM(BLACK)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 13 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| ~~45~~ | COPPER CRIMPING SOCKET FOR 10 SQ.MM CABLE | ~~8~~ | EDTS201 REV-A,AM-2 | ~~NIL~~ | CORR-1,ITEM-2 | 8 | 50 SQ.MM(BLUE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 13 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| ~~44~~ | COPPER CRIMPING SOCKET FOR 16 SQ.MM CABLE | ~~02~~ | EDTS200 ITEM-17AM-1 | ~~NIL~~ | (REV.0)CORR-2 | 7 | 50 SQ.MM(YELLOW)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 13 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| | | | | | | 6 | 50 SQ.MM(RED)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 13 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| | | | | | | 5 | 70 SQ.MM(GNYE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 8 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| | | | | | | 4 | 95 SQ.MM(BLACK)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 49 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| | | | | | | 3 | 150 SQ.MM(BLUE)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 49 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |
| | | | | | | 2 | 150 SQ.MM(YELLOW)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 49 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVE. IN EDTS-252, REV-J, CORR-0 |
| | | | | | | 1 | 150 SQ.MM(RED)THIN WALLED FLEX.ELAST.CABLE WITH CU.COND..750V TO 1.8/3KV(IN NTRS) | 49 | NIL | ELRS/SPEC/ELC/ 0019, R-4 | COVD. IN EDTS-252, REV-J, CORR-0 |

| ITEM | DESCRIPTION & DIMENSIONS | QPASSLY | DETAIL DRG | MATL. & SPEC. | REMARKS |
|---|---|---|---|---|---|
| GROUP | ELECTRICAL | SUPERSEDES: LW70211 ALT c | | | |
| FILE | \\hs022\elec\sahu\lw70211d.prt (2D) | | | | |

WELD LENGTH: NIL M
WEIGHT: NIL KG
S.AREA: NIL M²
~~LENGTH/DIA~~: NIL M
~~WIDTH/THICK~~: NIL M
HEIGHT: NIL M

**BLOCK,WIRING DIAGRAM & HARNESS CHART FOR UNDER FRAME(FOR AC 2-TIER EOG LHB TYPE COACHES)**

RAIL COACH FACTORY, KAPURTHALA

SEE/D&D | DY.CEE/D&D

| SCALE | SSE/EO | |
|---|---|---|
| | CHD | |
| | DRN | |

REF.DRG.No. NIL

रेल कोच फैक्टरी कपूरथला | IRS

PL NO. NIL

DRG.NO. LW70211

ALT. f | SIZE A1 | SHEET 3/3

& 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.

NOTE:-

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

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