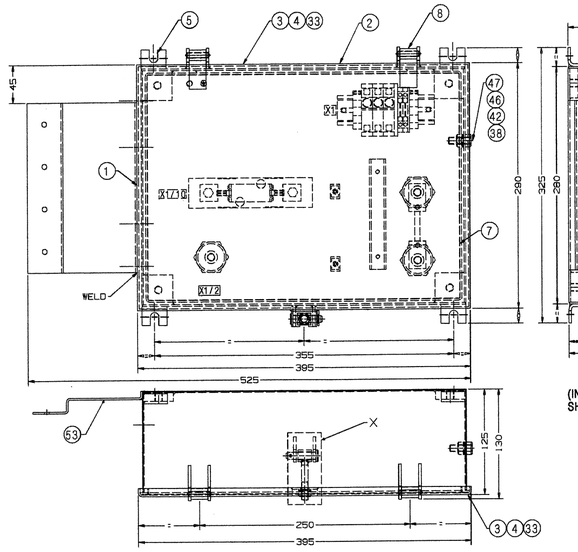
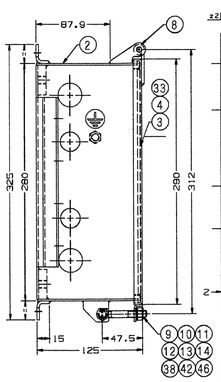
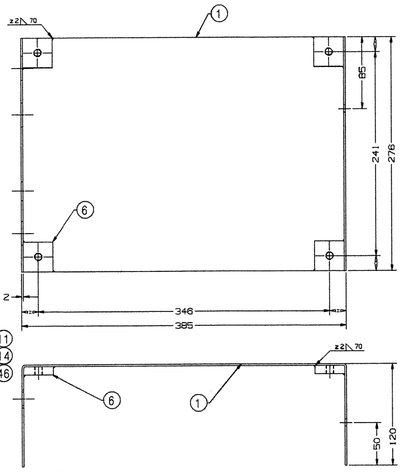
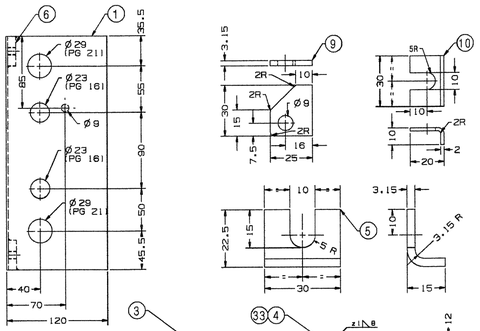
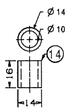
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k	12/02/2026	ALL	NOTE-8 ADDED IN ITEM-20.	C.R.No. 2300260004

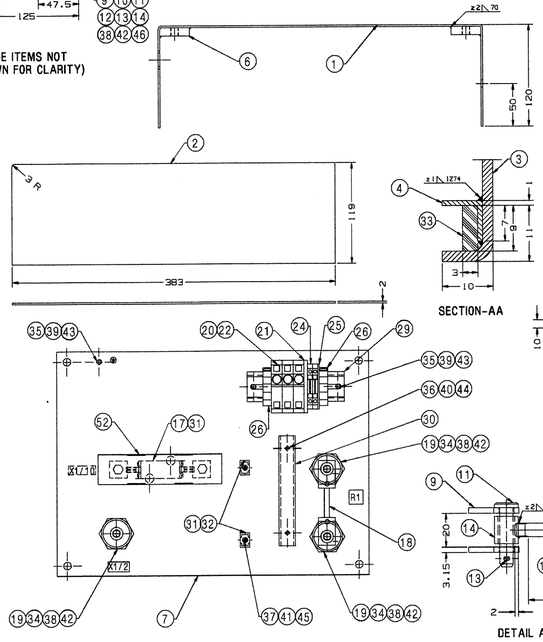


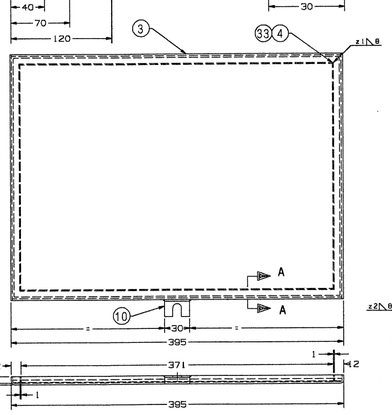


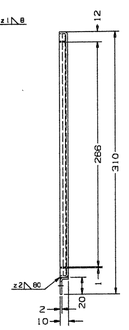


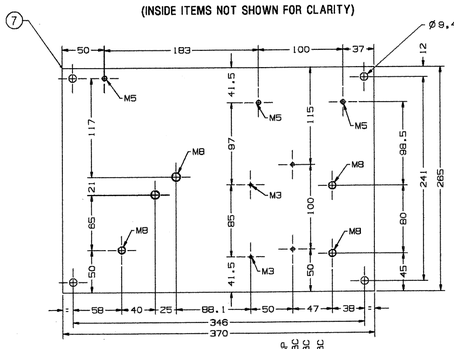


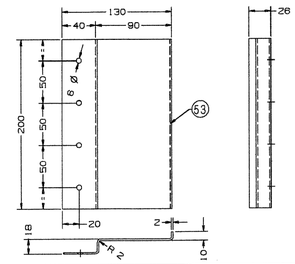


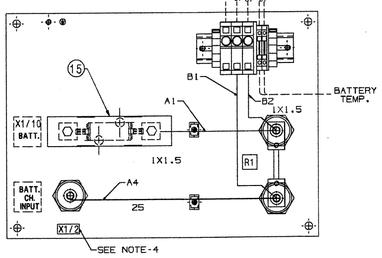












WIRING LAYOUT FOR REFERENCE ONLY

TABLE-1

S.NO.	WIRE NO.	FROM	TO	WIRE SIZE	SPECIFICATION
1.	A1	R1	F6	25 SQMM (GREY)THIN WALLED FLEX.ELAST.CABLE WITH CU. COND.UPTO 750V(IN MTRS)	ELRS\SPEC\ELEC\0019, LATEST REVISION
2.	A4	R1	X1/2	50 SQMM (BLACK)THIN WALLED FLEX.ELAST.CABLE WITH CU. COND.750V TO 1.8/3KV(IN MTRS)	ELRS\SPEC\ELEC\0019, LATEST REVISION
3.	B1	R1	X1-3	1.5 SQMM (GREY)THIN WALLED FLEX.ELAST.CABLE WITH CU. COND.UPTO 750V(IN MTRS)	ELRS\SPEC\ELEC\0019, LATEST REVISION
4.	B2	R1	X1-5		

	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
53	01	CONDUIT CLAMPING BRACKET 2X149X200	01	IS:6911-92	SS-304,S2/304L	NIL
52	01	GRIP LUG COVER	01	NIL	NIL	#
51	01	1.5 SQ.MM (GREY) THIN WALLED FLEX. ELAST. CABLE WITH CU. COND. UPTO 750V (IN MTRS.) (L-0200MR)	01	ELRS\SPEC\ ELEC\0019	NIL	LATEST REVISION
50	01	1.5 SQ.MM (GREY) THIN WALLED FLEX. ELAST. CABLE WITH CU. COND. UPTO 750V (IN MTRS) (L-5200MR)	01	ELRS\SPEC\ ELEC\0019	NIL	LATEST REVISION
49	01	25 SQ.MM (GREY) THIN WALLED FLEX. ELAST. CABLE WITH CU. COND. UPTO 750V (IN MTRS) (L-0200MR)	01	ELRS\SPEC\ ELEC\0019	NIL	LATEST REVISION
48	01	50 SQ.MM (BLACK) THIN WALLED FLEX.ELAST.CABLE WITH CU. COND. 750V TO 1.8/3KV (IN MTRS) (L-9520MR)	01	ELRS\SPEC\ ELEC\0019	NIL	LATEST REVISION
47	03	HEXAGONAL HEAD SCREW M8X20,GALVD.	03	IS: 1363(PT. 2)-92,4.6	NIL	NIL
46	02	HEXAGONAL NUT M8,GAVD.	02	IS: 1363(PT. 3)-92,5	NIL	NIL
45	03	SPRING WASHER M8,GALVD.	03	IS: 3063-94, T1,TY.B	NIL	NIL
44	02	SPRING WASHER M4,GALVD.	02	IS: 3063-94, T1,TY.B	NIL	NIL
43	03	SPRING WASHER M5,GALVD.	03	IS: 3063-94, T1,TY.B	NIL	NIL
42	14	SPRING WASHER M8,GALVD.	14	IS: 3063-94, T1,TY.B	NIL	NIL
41	03	PLAIN WASHER Ø 3.5,GALVD.	03	IS: 2016-67, T2,TY.A	NIL	NIL
40	02	PLAIN WASHER Ø 4.5,GALVD.	02	IS: 2016-67, T2,TY.A	NIL	NIL
39	03	PLAIN WASHER Ø 5.5,GALVD.	03	IS: 2016-67, T2,TY.A	NIL	NIL
38	12	PLAIN WASHER Ø 9,GALVD.	12	IS: 2016-67, T2,TY.A	NIL	NIL
37	03	CHEESE HEAD SCREW M3X12,GALVD.	03	IS: 1366-82, T1,4.6	NIL	NIL
36	02	CHEESE HEAD SCREW M4X12,GALVD.	02	IS: 1366-82, T1,4.6	NIL	NIL
35	03	CHEESE HEAD SCREW M5X12,GALVD.	03	IS: 1366-82, T1,4.6	NIL	NIL
34	10	HEXAGONAL HEAD SCREW M8X12,GALVD.	10	IS: 1363(PT. 2)-92,4.6	NIL	NIL
33	01	RUBBER BEADING 3X8X1308	01	NIL	NEOPERENE	NIL
32	02	MOUNTING SOCKET WITH SADDLE TYPE-TC141	02	PT. NO. 61724510	NIL	OF M/S LAPP-KABEL
31	20	CABLE TIE,WEATHER PROOF,BLACK,TYPE-TYB,241MX-140X3.6	20	PT. NO. 61723020	NIL	OF M/S LAPP-KABEL
30	01	STANDARD CABLE DUCT OF SECTION SIZE 15X15MM, LENGTH-130MM	01	OF M/S L&T	NIL	NIL
29	01	DIN RAIL 35X15MM, 1.5MM,LENGTH-140MM,SLOTTED	01	210-197 OF M/S WAGO	NIL	NIL
~~28~~	~~01~~	~~DIN RAIL 35X7.5MM, 1MM,LENGTH-150MM,SLOTTED~~	~~01~~	210-112 M/S WAGO	~~NIL~~	~~NIL~~
~~27~~	~~01~~	~~2-CONDUCTOR TERMINAL STRIP WITH FIXING FLANGE~~	~~01~~	261-104 OF M/S WAGO	~~NIL~~	~~NIL~~
26	02	END STOP FOR 35 DIN RAIL	02	249-117 OF M/S WAGO	NIL	NIL
25	01	SEPARATOR	01	281-327 OF M/S WAGO	NIL	NIL
24	02	2-CONDUCTOR THROUGH TERMINAL BLOCKS	02	281-601 OF M/S WAGO	NIL	NIL
~~23~~	~~01~~	~~ADJACENT JUMPER~~	~~01~~	282-402 OF M/S WAGO	~~NIL~~	~~NIL~~
22	03	MINIATURE METRIC FUSE 5X20MM, WITHOUT INDICATOR 0.25A	03	M/S WAGO OR EQUIVALENT	NIL	NIL
21	01	END AND INTERMEDIATE PLATE	01	282-311 OF M/S WAGO	NIL	NIL
20	03	FUSE TERMINAL BLOCK WITHOUT INDICATOR WITH FUSE 5X25MM-0.25A	03	282-122 OF M/S WAGO	NIL	SEE NOTE-8
19	03	INSULATOR	03	05783 OF M/S WOHNER	NIL	OR SK-404008 OF M/S EREN
18	01	SHUNT 60MV,100A	01	OF M/S AE/INDOTECH	NIL	/YOKINS
17	02	FUSE LINK 40A,690V	02	NIL	NIL	*
~~16~~	~~01~~	~~FUSE LINK 63A,660V~~	~~01~~	03917 OF M/S WOHNER	~~NIL~~	~~NIL~~
15	01	NH FUSE BASE,160A	01	NIL	NIL	**
14	01	SPACER 1X16X37	01	IS: 6911-92	SS-304,S2/304L	NIL
13	01	SPLIT PIN 2X15	01	IS: 549-74, T1&2	NIL	NIL
12	01	STUD AM8X40	01	IS: 1862-75, T1&3	NIL	NIL
11	01	CLEVIS PIN B8,-C11X35X30	01	IS: 6863-73, T1&2	NIL	NIL
10	01	BRACKET 2X25X30	01	IS: 6911-92	SS-304,S2/304L	NIL
9	02	SUPPORTING PIECE 3.15X25X30	02	IS: 6911-92	SS-304,S2/304L	NIL
8	02	HINGE	02	CC75070	NIL	NIL
7	01	SHEET 3.15X265X370	01	IS: 6911-92	SS-304,S2/304L	NIL
6	04	SCREWING PIECE 10X35X35	04	IS: 6911-92	SS-304,S2/304L	NIL
5	04	MOUNTING ANGLE 3.15X30X32	04	IS: 6911-92	SS-304,S2/304L	NIL
4	01	ANGLE 1X15X1276	01	IS: 6911-92	SS-304,S2/304L	NIL
3	01	DOOR COVER 2X303X408	01	IS: 6911-92	SS-304,S2/304L	NIL
2	02	TOP AND BOTTOM COVER 2X119X393	02	IS: 6911-92	SS-304,S2/304L	NIL
1	01	CHANNEL 2X276X618	01	IS: 6911-92	SS-304,S2/304L	NIL

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

GROUP: ELECTRICAL — SUPERSEDES: LW71001 ALT J

FILE: Z:\LW71001k.prt

BATTERY FUSE BOX (+VE)

FOR LHB EOG AC COACH

RAIL COACH FACTORY, KAPURTHALA

रेल कोच फैक्टरी कपूरथला | IRS

SEE/VD | DY.CEE/D&D

SCALE | SSE/ED | CHD | DRN

REF.DRG.No. NIL

PL NO. NIL

DRG.NO. LW71001

ALT. k | SIZE A | SHEET 1/1

NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. MANUFACTURER INSIGNIA/IDENTIFICATION MARK AND S. NO. TO BE PUNCHED ON THE FUSE BOX. SERIAL NO. TO BE WRITTEN AS "YYMMNNN" WHERE "YY" STANDS FOR YEAR "MM" STANDS FOR MONTH OF MANUFACTURE & "NNN" STANDS FOR RUNNING S.NO.
3. ALL STEEL ITEMS EXCLUDING HARDWARE SHALL BE GIVEN REQUISITE SURFACE TREATMENT FOR ANTI-RUST & ANTI-CORROSION BEFORE FINIS HING WITH POWDER COATING OF THICKNESS NOT LESS THAN 100 -125MICRON TO SIEMENS GREY SHADE NO. 6102/08038 OF M/S NEROLAC PAINTS OR 677 OF M/S BERGER PAINTS.
4. ENGRAVED/ETCHED/SCREEN/PHOTO PRINTED ALUMINIUM ANODISED LEGEND PLATES OF THICKNESS 1MM OF SUITABLE SIZE SHALL BE RIVETTED AS SHOWN IN THE DRAWING.
5. ONLY THOSE FIRMS SHALL QUOTE WHO USE 'CNC' MACHINES AND CAD/CAM FACILITIES FOR FABRICATION/MANUFACTURING.
6. QUALITY OF PANEL SHALL BE TO ALSTOM-LHB/INTERNATIONAL STANDARDS.
7. * FUSE LINK TO CAT. NO.03915 OF RATING 40A. OF M/S WOHNER OR CAT. NO.NH00GG69V40 OF M/S FERRAZ OR CAT. NO.3NV0-00-40A-gG-690V OF M/S KONCAR OR CAT.NO.40NHG00B-690 OF M/S EATON OR EQUIV. OF M/S SIEMENS/L&T/GE/TC MAKE.
   ** FUSE BASE COMPLETE WITH SHROUD TO CAT. NO. 03760 OF M/S WOHNER OR CAT NO. NH00EP OF M/S FERRAZ MAKE OR CAT NO. SB00-PB & TS00 OF M/S EATON OR NP-00/1 & IK00 OF M/S KONCAR MAKE.
   # GRIP LUG COVER TO CAT. NO. 79448 OF M/S WOHNER OR CAT. NO. G213170 OF M/S FERRAZ MAKE OR CAT.NO. TC00 OF EATON OR CAT.NO. PZ00 OF M/S KONCAR MAKE.
8. ITEM NO.-20 SHALL BE OF M/S WAGO (CAT. NO.-282-122) OR M/S PHOENIX (CAT. NO.-3025041) OR M/S ELMEX (CAT. NO.-SCF6) AND M/S CONNECTWELL (CAT. NO. CXVFA) MAKE ONLY.

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 21/06/2005

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