

Rail Coach Factory Kapurthala
रेल कोच फैक्ट्री कपूरथला

Doc. No. : EDML 208

दस्तावेज़ सं०. : ईडीएमएल २०८

Provision of Manual Isolating Switch along with Fuse to isolate
DA Set Starter Motor in LHB Power Car

एलएचबी पावर कार में डीए सेट स्टार्टर मोटर को अलग करने के लिए
फ्यूज के साथ मैनुअल आइसोलेटिंग स्विच का प्रावधान

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| EDML 208 | 0 | 28.06.23 | <i>J</i> | <i>Bhand</i> | <i>Sukh</i> | |
| Doc. No. | Rev. | Date | SSE/CAD | SEE/D&D | DYCEE/D&D | Pg. 1 of 2 |
| दस्तावेज़ सं०. | संशोधन | तारीख | एसएसई | एसईई / डी एंड डी | उप मु०.वि०. अभि० / डी एंड डी | पृष्ठ १ का २ |

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Subject document regarding provision of Manual Isolating Switch with fuse (Rating 2-Pole 315 A, 415 V) to isolate DA Set Starter Motor from the Starter Battery after Start of DA set and to be mounted on coach side walls for each DA set in LHB Power Car has been prepared. The details of Manual Isolating Switch with fuse (Rating 2-Pole 315 A, 415 V) along with Enclosure are as under:-

| SN | Item Description | Material Quantity with Size per coach | Make/Spec. | Part Number |
|----|--|--|-------------------------------|--|
| 1 | Switch Disconnecting Fuse (SDF) 2-Pole 315A, 415V insulation suitable for 690V with 315A, 415V, Braking Capacity minimum 100kA rating Fuse and metallic cover. | 02 set/Coach Each set consists of 1 no. Enclosure, 1no. Switch Disconnecter & 02 nos. Fuses and Approx. Maximum size : L= 450mm, W= 350mm, H= 300mm) per DA set. | L&T | <ul style="list-style-type: none"> • CK910070009 (Switch Disconnecter Fuse Unit with Enclosure) • SF94234 (Fuse) |
| | | | Siemens | <ul style="list-style-type: none"> • 3KX8345-4AC (Enclosure). • 3KL8331-2UA00 (Switch Disconnecter fuse) • 3NA33520RC (Fuse) |
| | | | ABB & Schneider | or Similar Model number as above. |
| 2 | Copper Crimping Socket for 120 mm ² Cable with M12 hole. | 08nos. (i.e. 04nos./Set) | EDTS200, AM-2, Corr.3, ITEM-3 | RCF/ICF/MCF apprvd. |

For Implementation of Scheme in LHB Power Car, Refer RDSO Modification sheet no. **RDSO/PE/MS/AC/0086-2022 (Rev.-0)** issued vide RDSO Letter no. EL/0.6.2/DA Set Dated 05.04.2022.

Annexure: - RDSO Modification sheet no. RDSO/PE/MS/AC/0086-2022 (Rev.-0).

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| EDML 208 | 0 | 28.06.23 | <i>R</i> | <i>Bhandal</i> | <i>Sukhrai</i> | |
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