

**MATERIAL LIST FOR SWITCH PLATES FOR LHB TYPE EOG HIGH CAPACITY HOT BUFFET COACH**

It covers the supply of switch plates provided in the LHB Type EOG High Capacity Hot Buffet coach.

S.No.	Description	Drawing. no.	QPC
1.	Switch plate assembly complete with polycarbonate cover frame and powdered coated steel base plate with 4 nos. ON-OFF switches 6A, 250V AC	ITEM-1, LH75208 Alt. 'Nil'	04
2.	Switch plate assembly complete with polycarbonate cover frame and powdered coated steel base plate with 3 nos. ON-OFF switches and 1 no.3-pin socket 6A, 250V AC with 01 no. 2.0 Amp. glass fuse of M/s Ferraz Shawmut/Copper Bussman/equivalent*(with fuse holders).	ITEM-2, LH75208 Alt. 'Nil'	03
3.	Switch plate assembly complete with polycarbonate cover frame and powdered coated steel base plate with 1 no. 16A,250V AC switch & 01 no. 6/16A,250V AC Socket.	ITEM-3, LH75208 Alt. 'Nil'	05

\*Equivalent with approval from office of CEDE/RCF.

1. Firm shall get prototype sample approved from CEDE/RCF before commencing Bulk supply.
2. Switch shall conform to IS: 3854-1997 or latest & Socket shall conform to IS: 1293-2019 or Latest and both shall be ISI marked.
3. For contact opening in switch, Normal Gap Construction shall be followed as per Clause no.7.1.2 of IS: 3854-1997.
4. Switch shall be of unenclosed type as per Clause no.7.1.3 of IS: 3854-1997.
5. Switch shall conform to Degree of Protection: IPXO as per Clause no.7.1.4 of IS: 3854-1997
6. Method of Activation of switch shall be of Rocker type as per Clause no. 7.1.5 of IS: 3854-1997.
7. Switch shall be Flush type as per Clause no.7.1.6 of IS: 3854-1997.
8. Switch shall be installed as per Design A mentioned in the Clause no.7.1.7 of IS: 3854-1997.
9. Switch and socket shall be screwed on powder coated Steel/GI without powder coated base plate of minimum thickness 1.0mm with M3 screw with nut and spring washer.
10. The details of composition of contact material used in switch and socket to be provided by the firm.
11. Following test shall be conducted from Govt./NABL accredited lab:-
  - i. Test for Polymer identification of FR Polycarbonate material.
  - ii. Fire retardant test to grade UL-94 V 0 from the OEM of the raw material.

Packing condition of switch plates shall be as follows:-

Stage 1: Standard packing of switch plates mentioned above as per packing conditions document no.P1042.

Stage 2: Packing per coach set as per packing conditions document no.P1021.Each packing shall be legibly marked for the type of coach applicable for.

Stage 3: Bulk packing coach wise as per packing conditions document no. P1032. Each packing shall be legibly marked for the type of coach/coaches applicable for.

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