

S type housing.

The Standards used in the design and development of the S type housing were:

BS EN 50124-1: 2001 Railway applications, Insulation co-ordination (table 6)

BS EN 50178:1998, Electrical equipment for use in power installations (table A6 for less 1000V and table A7 for greater than 1000V).

Consideration of the Insulation material group and the degree of pollution (PD) were taken into account during the design and development stages.

Both the S type and C type housings were subjected to a flash test (AC RMS voltage for 1 minute) as detailed in an Evaluation Laboratory Memo dated the 1st of August 2000. The conclusion to this report indicated that the performance of the S housing was equivalent to the C housing.

The S type housing can therefore be used in any application and in any environment in which the C type housing is presently used.

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