

DMMS IEC 62208:2011 Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements

Scope

This International Standard applies to empty enclosures, prior to the incorporation of switchgear and controlgear components by the user, as supplied by the enclosure manufacturer. This standard specifies general definitions, classifications, characteristics and test requirements of enclosures to be used as part of switchgear and controlgear assemblies (e.g. in accordance with the IEC 61439 series), the rated voltage of which does not exceed 1000 V a.c. or 1500 V d.c., and suitable for general use for either indoor or outdoor applications. NOTE 1 Additional requirements may apply for specific applications. NOTE 2 The United States of America (USA) uses enclosure "Type" designations according to NEMA 250. The NEMA Enclosure Type designations specify additional environmental requirements for conditions such as corrosion, rust, icing, oil, and coolants. For this reason, the IEC Enclosure Classification Designations IP are used with an enclosure Type designation number appropriate for these markets. This standard does not apply to enclosures, which are covered by other specific products standards (e.g. IEC 60670 series). Compliance with the safety requirements of the applicable product standard is the responsibility of the assembly manufacturer.

NOTE 3 This standard may serve as a basis for other technical committees.