

STANDARDS

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Catalog of Standards



UL 50
Standard for Enclosures for Electrical
Equipment

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1.1 This standard applies to enclosures for electrical equipment intended to be installed and used in non-hazardous locations in accordance with the Canadian Electrical Code, Part I, CSA C22.1, the provisions of the National Electrical Code, NFPA 70, and the provisions of Mexico's Electrical Installations, NOM-001-SEDE, as follows:

a) Enclosures for indoor locations, Types 1, 2, 5, 12, 12K, and 13; and

b) Enclosures for indoor or outdoor locations, Types 3, 3R, 3S, 4, 4X, 6, and 6P.

1.2 This standard covers the non-environmental construction and performance requirements for enclosures to provide a degree of protection to personnel against incidental contact with the enclosed equipment. The additional environmental construction and performance requirements for enclosures are located in C22.2 No. 94.2, UL 50E, and NMX-J-235/2-ANCE (See Annex b, Ref. No. 14), which are intended to be used in conjunction with this standard.

1.3 Where an individual product standard contains requirements that are at variance with those of this standard, the requirements of the individual product standard take precedence.

1.4 In the United States and Mexico, cabinets and cutout boxes and junction and pull boxes are covered by Clauses 9 and 10 of this Standard. In Canada, junction boxes, cutout boxes, and pull boxes are covered by CSA C22.2 No. 40 and are not covered by this standard. See Annex b, Ref. No. 11.

1.5 Outlet boxes having a volume of not more than 1640 cm³ (100 in³) are covered by CSA C22.2 No. 18, NMX-J-023/1-ANCE, and the UL 514 series (see Annex b, Ref. No. 6 and 12) and are not covered by this standard.

1.6 In Canada and the United States , swimming pool type junction boxes are covered by CSA C22.2 No. 89 and UL 1241 (see Annex b, Ref. No. 10) and are not covered by this standard.

Details

Edition Number: 11

Edition Date: 10/19/1995

Price Code: D

Type: ULSTD

ANSI Approved: 08/19/2003

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UL 50 References these
Standards

UL 67» UL 94»

UL 514B» UL 514C»

UL 746C» UL 969»

UL 1332»



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