

Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) (IEC 62262:2002 (ED. 1.1) MOD)



AS 62262:2023

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- Australian Industry Group
- Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)
- Consumer Electronics Suppliers Association
- Electrical Regulatory Authorities Council, Australia
- Energy Networks Australia
- Master Electricians Australia
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Preface

This Standard was prepared by the Standards Australia Committee EL-026, Protective Enclosures and Environmental Testing for Electrical/Electronic Equipment.

The objective of this document is to specify the classification of the degrees of protection provided by enclosures against external mechanical impacts when the rated voltage of the protected equipment is not greater than 72.5 kV.

This document provides the following:

- (a) The definitions for the degrees of protection provided by enclosures of electrical equipment as regards protection of the equipment inside the enclosure against harmful effects of mechanical impacts.
- (b) The designations for the degrees of protection.
- (c) The requirements for each designation.
- (d) The tests to be performed to verify that the enclosure meets the requirements of this document.

This document is an adoption with national modifications, and has been reproduced from, IEC 62262:2002+AMD1:2021 CSV, *Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the modifications to IEC 62262:2002+AMD1:2021 CSV, for the application of this document in Australia.

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