

IET 01:2024 Open combined protective and neutral (PEN) conductor detection devices (OPDDs) – OPDDs for use in electric vehicle charging applications for household and similar installations. First Edition Errata (February 2026).

This document contains corrections to the First Edition of IET 01:2024 *Open combined protective and neutral (PEN) conductor detection devices (OPDDs) – OPDDs for use in electric vehicle charging applications for household and similar installations*. Where appropriate, deleted text has been ruled through and changes and additions shown in red. Sufficient existing text has been included to enable users to identify the nature and application of the change to each provision.

In 9.10.2 (page 58), 9.10.3 (page 59) and 9.16.1.3 (page 83), references to 9.26, 9.27 and 9.28 should be to 9.20, 9.21 and 9.22, respectively.

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9.10.2 Test procedure

OPDDs are subjected to 2,000 operating cycles, each operating cycle consisting of a closing operation followed by an opening operation.

The OPDD shall be operated as for normal use.

The opening operations shall be initiated as follows:

- (a) for the first 1,000 operating cycles by using the manual operating means;
- (b) for the following 500 operating cycles by using the test device; and
- (c) for the last 500 operating cycles under the conditions of the tests specified in ~~9.26-9.20, 9.27-9.21~~ or ~~9.28-9.22~~ (according to the OPDD classification).

Where the OPDD does not include mechanical operating means or a test button, all 2,000 operating cycles shall be initiated under the conditions of tests specified in ~~9.26-9.20, 9.27-9.21~~ or ~~9.28-9.22~~ (according to the OPDD classification).

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9.10.3 Condition of the OPDD after test

Following the test of 9.10.2 the OPDD shall not show:

- (a) undue wear;
- (b) damage of the enclosure permitting access to live parts by the standard test finger;
- (c) loosening of electrical or mechanical connections; or
- (d) seepage of the sealing compound, if any.

Under the conditions of the tests specified in ~~9.26-9.20, 9.27-9.21~~ or ~~9.28-9.22~~ (according to the OPDD classification), the OPDD shall trip.

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9.16.1.3 Test procedure

The test procedure shall be in accordance with Clause 4 of BS EN 60068-2-30:2005 and BS EN IEC 60038-3-4.

- a) Initial verification

An initial verification is made by submitting the OPDD to the test according to ~~9.26-9.20, 9.27-9.21~~ or ~~9.28-9.22~~, according to the OPDD classification.