

Statement from **Royal Netherlands Standardization (NEN)**¹:

NEN1010² versus IEC60364³ according to NEN

The following statements have been obtained from **Royal Netherlands Standardization** Institute by Clayton Power in April 2025.

“You can direct customers to read part 0, chapter “NEN 1010:2020” of the NEN-1010.

This chapter clearly states the relation between NEN-1010 and the HD 60364. It explains that NEN 1010 is almost unaltered compared to HD 60364 and that the few Dutch deviations are marked with [nlb].

Furthermore, Annex 1010.A shows that chapter 7-717 is based on the HD-60364-7-717, and that there are no deviations marked.

All types of installations mentioned in chapter NEN 1010 717.312.2.1 are allowed except TN-C installations.”

The Clayton Power products are all designed for a TN-S installation as described in HD60364-7-717 and NEN1010, and completely safe to use in this type of installation without additional protection.

¹ **Royal Netherlands Standardization (NEN)**

NEN connect parties and stakeholders and ensure that they reach agreements in standards and guidelines. They do this in national and international standards committees.

NEN manages over 31.000 standards. Those are the international (ISO, IEC), European (EN) and national

(NEN) standards accepted in The Netherlands.

In total over 800 standards committees are active, with in total over 5000 standard committee members. Properly managing the extensive standards collection and coordinating the national, European and international standards committees, requires a high-quality infrastructure.

² **NEN1010**

NEN 1010 is the guideline for the installation, expansion and adaption of low-voltage installations, and the standard for (low-voltage) electrical installations.

The aim of NEN 1010 is to design and build a safe installation. Thus, electrical installations may not lead to dangerous situations, and they must be protected against overheating as a result of an overload. To be able to continue to guarantee this, this standard also includes a section on periodical inspections.

³ **IEC60364**

IEC60364 which is the International Electrotechnical Commission (IEC)'s international standard on electrical installations.

This standard is an attempt to harmonize national wiring standards in an IEC standard and is published in the European Union by CENELEC as “HD 60364”.