NFC 15-100 Statement

Pulsar Max

June 10th, 2022

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Version History

Version	Date	Author	Changes
1.0	June 10th, 2022	Terence O'Shea	First Release

Executive Summary

The objective of this section is to highlight the means available to customers to comply with the French electrical standard NF C 15-100. This standard governs all low voltage installations in residential constructions, which includes electric vehicle chargers. With this guide it will be conveyed how specific requirements related to EV chargers may be met, with the final responsibility of the installation assigned to the appropriately certified installer.

Installing the Pulsar Max

Indicated in NF C 15-100 is a reference that power outlets be of a shutter type. As the connector for the EV does not have shutters per-design, in order to meet this requirement it appears necessary to install an interruptible electrical outlet between the Pulsar Max and the electrical panel.

To resolve this the Pulsar Max can be connected to an appropriate power outlet that has a user-off switch. This will provide the protection requested in the norm.

In the example below, an interrupter switch (Mennekes 5696A) is used with the Pulsar Max plugged in with Mennekes Typ160 32A.

Another interrupter example can be RSPro 2144263 for Single-Phase and 2144265 for 3-Phase installations.

This example is provided as a reference, with other types also can be used, provided they are compliant with the same standards NF C 15-100 and NF EN 603099 and the maximum current limits. In the end the installer is responsible for ensuring that the correct products and install methods are used in compliance with local norms.

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