# Release Notes

## TRIMBLE ELECTRICAL DESIGNER v22.0.32

This document summarises the latest improvements, bug fixes and new features that are included in the latest version of the Trimble Electrical Designer Suite of products incorporating ProDesign, ProDesign 3D, Protect, SingleCable and PowerNet.

Do you have an idea how to make Trimble Electrical Designer better? Join us in shaping the future of our products by visiting the TED Idea portal to vote and submit your innovative ideas!
https://ted.ideas.aha.io/

## ProDesign

This release incorporates a number of behind-the-scenes performance, reliability and security

Improvements in addition to the following.

For more information on ProDesign, please go to:

https://mep.trimble.com/en-GB/products/prodesign.

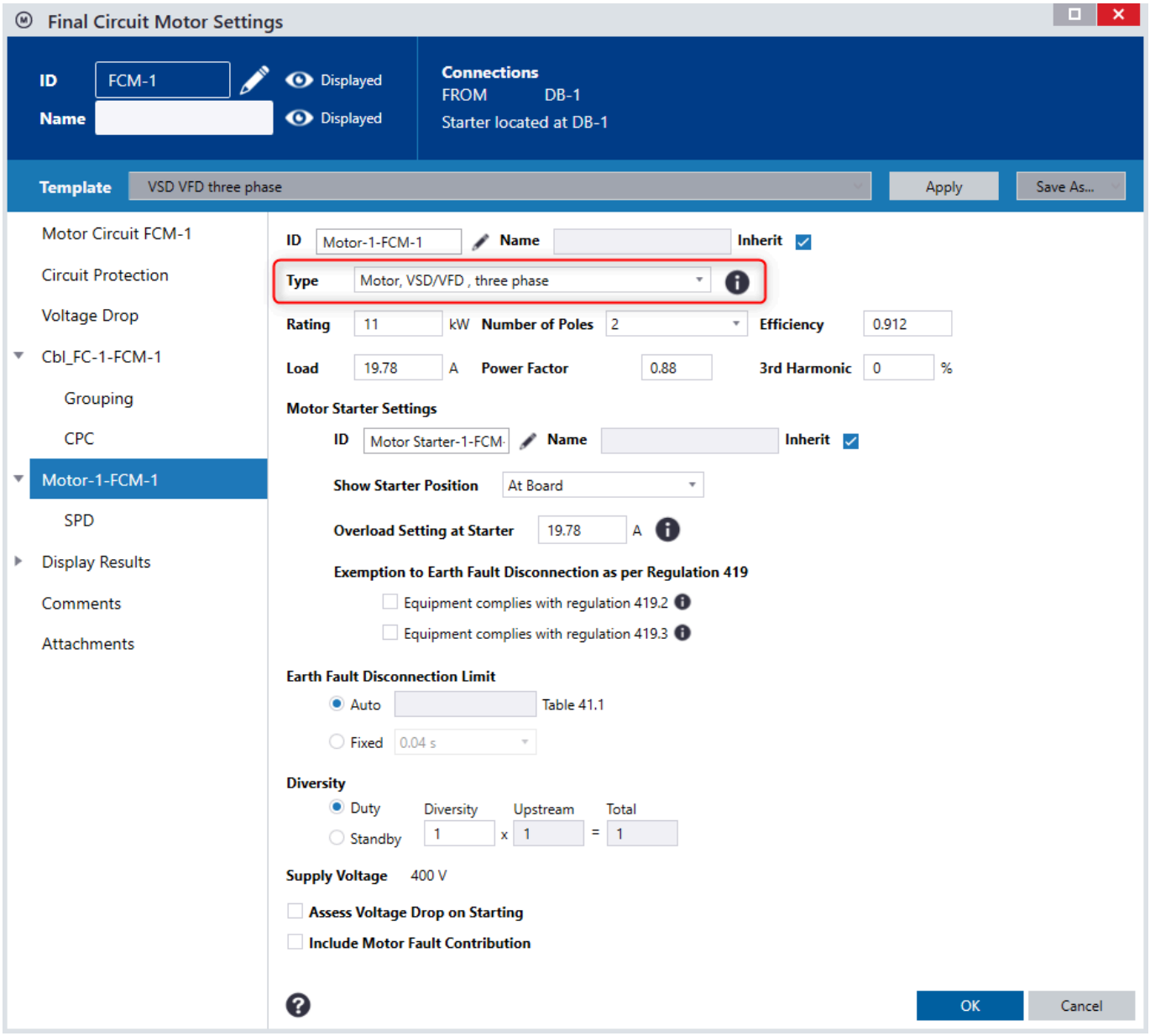
### VFD & VSD Motor Load type is here!

ProDesign introduces the VFD & VSD Motors. This new feature allows users to model VFD & VSD as a new motor type in their electrical schematics. Users can select between VFD/VSD, single-phase or VFD/VSD, three phase.

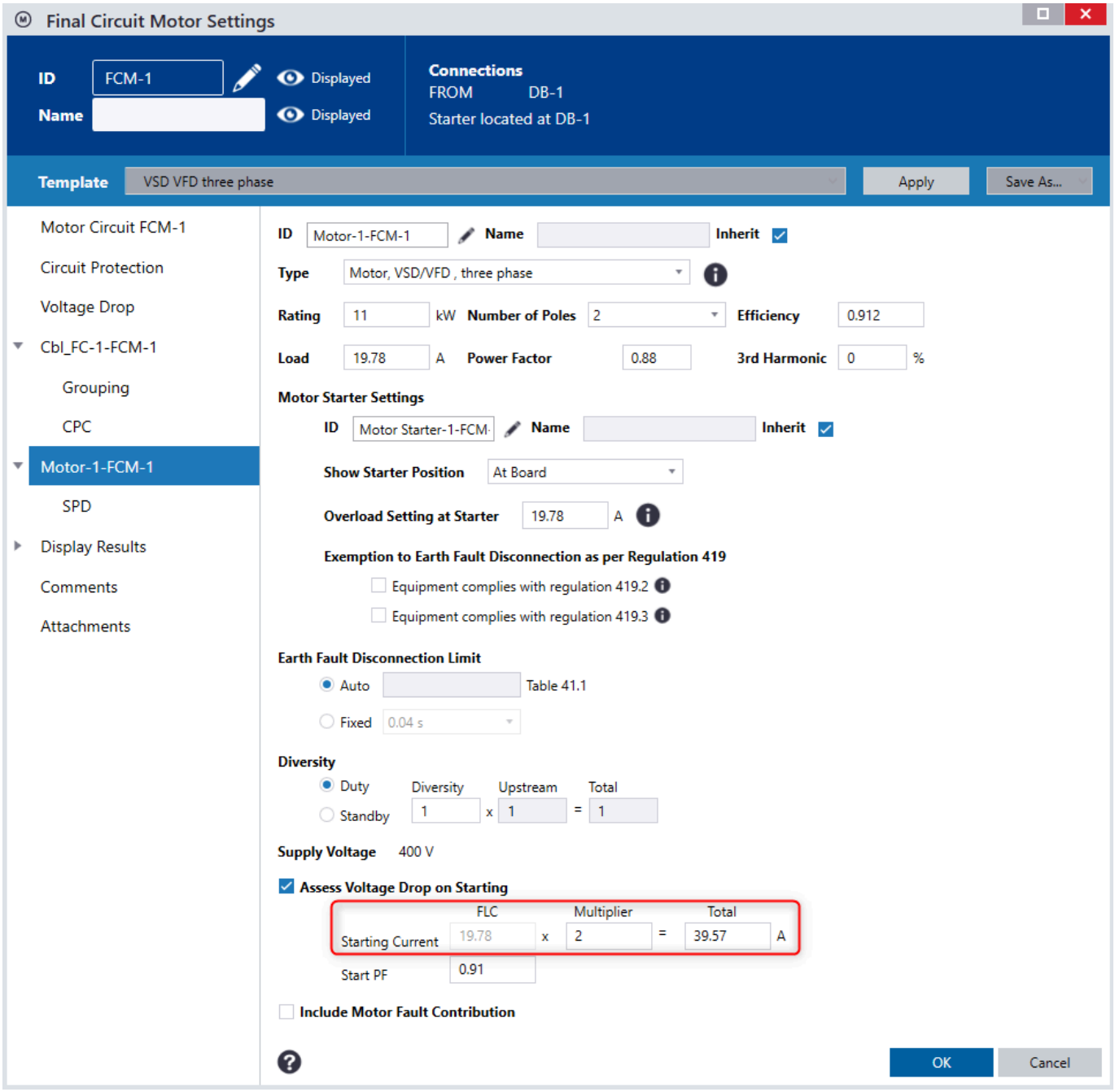
Key Features:

- Introduced two new VFD & VSD motor types
- Added the ability to set the multiplier for the Assess Voltage Drop on Starting functionality

Example of VFD & VSD Motor on Final Circuit Motor Settings - Motor tab:



Example of VFD & VSD Motor showing “Assess Voltage Drop on Starting”:




For more information, log in and check out the video on Trimble Learn:
https://learn.trimble.com/learn/dashboard/channel/456

## Improvements

- [MEPEL-11292] When working with EV chargers, the calculation of OPDD has been enhanced to consider the entire network, rather than just the first upstream component.

- [MEPEL-11396] The default symbol for EV chargers used as a final circuit load in schematics will now be "EV" instead of "L". This change provides clearer differentiation between EV chargers and other load types.
- [MEPEL-11412] The Diversified Load Current L1 Phase (A) parameter has been added to the list of fields available for Distribution Boards, enabling users to include it when generating Custom Reports.
- [MEPEL-11473] Added a warning message when an RCD type is unrecognized.

### Resolved Bugs

- [MEPEL-11214] Resolved a bug where the Switchboard Circuit settings view is condensed making it difficult for a user to scroll through.
- [MEPEL-11439] Resolved a bug that prevented the Dash Style option in line, arrow, and box annotations from displaying previews in the dropdown selector.
- [MEPEL-11452] Resolved a bug that caused ProDesign to crash when configuring the Inverter Bypass Switch status to either open or close within the UPS component settings.
- [MEPEL-11455] Resolved a bug in the Switchboard Schedule report where the model number was incorrectly populated with the name of the switchboard panel instead of the actual model number.

## ProDesign 3D

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

To download ProDesign 3D, ensure you have a **TED 2D UK Pro+ license** and visit the Trimble community portal.

### Improvements

- [MEPEL-8046] The calculation errors dialogue can now remain open and be minimized while users address errors, improving workflow efficiency by removing the need to recalculate to reopen the dialogue for resolving additional circuit errors.

### Resolved Bugs

- [MEPEL-8045] Fixed an issue where the T&E cable value for the integral CPC was incorrectly populated in the armor CPC field instead of the intended integral CPC field.
- [MEPEL-10268] Added additional RCD types to address an issue where ProDesign did not recognize certain RCD types.
- [MEPEL-11214] Resolved a bug where the Switchboard Circuit settings view is condensed making it difficult for a user to scroll through.

- [MEPEL-11455] Resolved a bug in the Switchboard Schedule report where the model number was incorrectly populated with the name of the switchboard panel instead of the actual model number.

## Protect

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

For more information on Protect, please go to:

https://mep.trimble.com/en-GB/products/protect.

## SingleCable

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

For more information on SingleCable, please go to:

https://mep.trimble.com/en-GB/products/singlecable

### Improvements

- [MEPEL-11292] When working with EV chargers, the calculation of OPDD has been enhanced to consider the entire network, rather than just the first upstream component.
- [MEPEL-11396] The default symbol for EV chargers used as a final circuit load in schematics will now be "EV" instead of "L". This change provides clearer differentiation between EV chargers and other load types.

## PowerNet

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

For more information on PowerNet, please go to:

https://mep.trimble.com/en-GB/products/powernet

### Upgrade procedure

In order to upgrade your software to this new version, you need a Trimble ID as well as the Named User Licence. For further support, please see the following Technical Assistance section.

### Software Update Notifications

The Trimble Electrical Designer suite of applications will notify you when an application update is available for download. You will be able to download the updates from the notification centre itself.

In case your software has received any calculation updates, you will be notified with a “Calculation Service Version Update'' during the first instance of calculation.

## Named User Licensing

All our products within the Trimble Electrical Designer Suite namely ProDesign, Protect, SingleCable and PowerNet are now powered through named user licensing. This means that a user of our products must have a named user licence assigned to their own Trimble ID and each licence is meant to be used by a single user.

Please contact our support team if you have any questions regarding the licence management and accessing the product. For further support, please see the following Technical Assistance section.

## Technical Assistance

Our Technical Support team uses a support tool which allows them to view and control users’ machines remotely. This is only ever undertaken with the user’s permission – and while being supervised by the user.

Our applications have a menu option link to the support web page containing details of this assistance should it be required. For more information, please contact our support team via Amtech-Support@Trimble.com or call +44 (0)1908 608833 and then choose Option 1.

## UK Customer Portal

If you are a registered customer, please login to the Trimble community portal for downloading the software and to access other related information. If you are not registered yet, please contact our support team as mentioned in the Technical Assistance section.