

Release Notes

TRIMBLE ELECTRICAL DESIGNER 2D v2022.0.30

This document summarises the latest improvements, bug fixes and new features that are included in the latest version of the Trimble Electrical Designer 2D Suite of products incorporating ProDesign, Protect, SingleCable and PowerNet.

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>.

Improvements

- [MEPEL-9845] The Inverter component now has additional improvements on Data Entry. Users are now able to see new columns such as:
 - ID
 - Name
 - Manufacturer
 - Model
 - Part Number
 - Voltage Drop Limits(%)
 - Output Rating
 - Comments
 - Voltage
 - SPD

Templates

Cable

Inverter

Details

Comments

| | | Reference | | Connections | | | | | | | |
|-------------|-------------|-------------------|-----------------|-------------------------|------------------|-------------------------|------------------|------------------------|---------------------------|--------------------------|--|
| | | <div>Id. No</div> | <div>Name</div> | <div>Connected To</div> | <div>Phase</div> | <div>Manufacturer</div> | <div>Model</div> | <div>Part Number</div> | <div>Voltage Dro...</div> | <div>Output Rating</div> | |
| <div></div> | <div></div> | Inverter-1 | ddd | Cbl_SM-4 | L1,L2,L3 | a | b | c | 1.000 | 2.000 | |
| <div></div> | <div></div> | Inverter-2 | ddd | DB-1 | L1,L2,L3 | a | b | c | 2.000 | 2.000 | |
| <div></div> | <div></div> | Inverter-3 | | Cbl_SM-5 | L1,L2,L3 | | | | 3.000 | 2.000 | |
| <div></div> | <div></div> | Inverter-4 | | DB_IB-1 | L1,L2,L3 | | | | 4.000 | 2.000 | |
| <div></div> | <div></div> | Inverter-5 | | ATS-1 | L1,L2,L3 | | | | 5.000 | 2.000 | |
| <div></div> | <div></div> | Inverter-6 | | Cbl_SM-6 | L1,L2,L3 | | | | 3.000 | 2.000 | |
| <div></div> | <div></div> | Inverter-7 | | Sb-1 | L1,L2,L3 | | | | 3.000 | 2.000 | |
| <div></div> | <div></div> | Inverter-8 | | Not Connected | L1,L2,L3 | | | | 3.000 | 2.000 | |

ErrorsData Entry

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Grouping

CPC

Protection

Reference

Comments

SPD

Details

| | | Reference | | Connections | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------------------|-----------------|-------------------------|------------------|-----------------|------------------------------------|------------------------------|-------------------------|-----------------------------------|-------------------------|------------------|------------------------|--|--|--|--|--|--|--|--|--|--|--|
| | | <div>Id. No</div> | <div>Name</div> | <div>Connected To</div> | <div>Phase</div> | <div>Type</div> | <div>Is built in protection?</div> | <div>Max Backup Rating</div> | <div>Fault Rating</div> | <div>Length to PE Conductor</div> | <div>Manufacturer</div> | <div>Model</div> | <div>Part Number</div> | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-1 | edited | Inverter-1 | L1,L2,L3 | Type 1 | Yes | N/A | 1 1 | | edited | edited | edited | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-2 | dd | Inverter-2 | L1,L2,L3 | Type 1 + Type 2 | No | 1111111 | 0.6666 0.67 | | aa | bb | cc | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-3 | | Inverter-3 | L1,L2,L3 | Type 1 | No | 0 | 0 0 | | | | | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-4 | | Inverter-4 | L1,L2,L3 | Type 1 | No | 0 | 0 0 | | | | | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-5 | | Inverter-5 | L1,L2,L3 | Type 1 | No | 0 | 0 0 | | | | | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-6 | | Inverter-6 | L1,L2,L3 | Type 1 | No | 0 | 0 0 | | | | | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-7 | | Inverter-7 | L1,L2,L3 | Type 1 | No | 0 | 0 0 | | | | | | | | | | | | | | | |
| <div></div> | <div></div> | SPD-8 | | Inverter-8 | L1,L2,L3 | Type 1 | No | 0 | 0 0 | | | | | | | | | | | | | | | |

ErrorsData Entry

- The Inverter component now has additional improvements on Custom Reports. Users are now able to use the new details mentioned above to generate reports.

Resolved Bugs

- [MEPEL-7941] Fixed a bug where the “Edit Keypad Settings” would not work properly when using the Replace Device function in the Protection Study.
- [MEPEL-10267] Fixed a bug where an error does not get triggered when a cable connected to an Inverter exceeds the defined voltage drop limit.
- [MEPEL-10634] Fixed a bug where a calculation was not possible if there is an SPD in the downstream cable.
- [MEPEL-11265] Fixed a bug where a user is neither able to open a previously created project nor save a newly created project.

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>.

Resolved Bugs

- [MEPEL-11265] Fixed a bug where a user is neither able to open a previously created project nor save a newly created project.

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>

Resolved Bugs

- [MEPEL-7941] Fixed a bug where the “Edit Keypad Settings” would not work properly when using the Replace Device function in the Protection Study.
- [MEPEL-11265] Fixed a bug where a user is neither able to open a previously created project nor save a newly created project.

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.