Release Notes

TRIMBLE ELECTRICAL DESIGNER 2D

This short 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

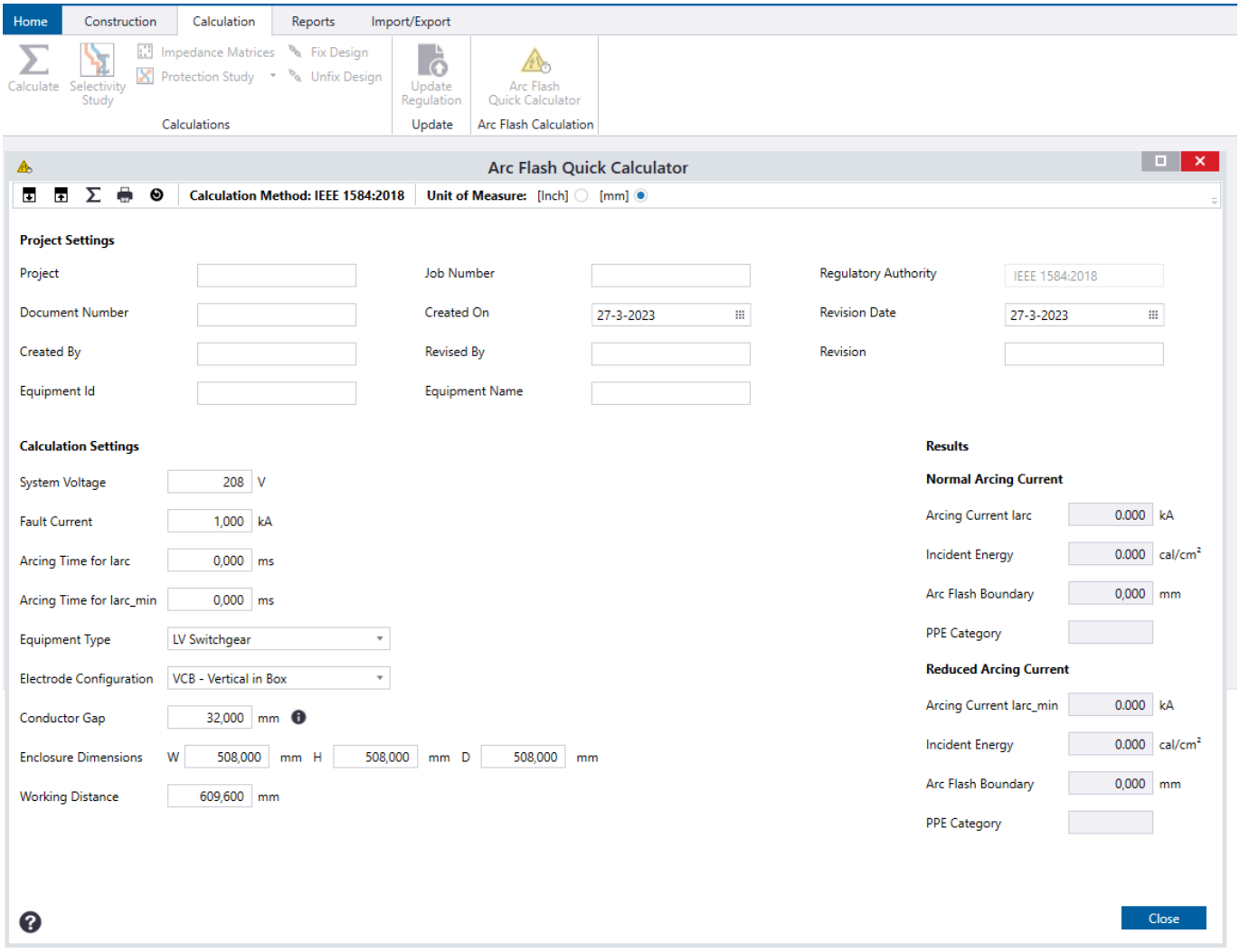
This release notes section describes the features and enhancements that are new in version 22.0.8 of the ProDesign. For more information on ProDesign, please go to https://mep.trimble.com/en-GB/products/prodesign.

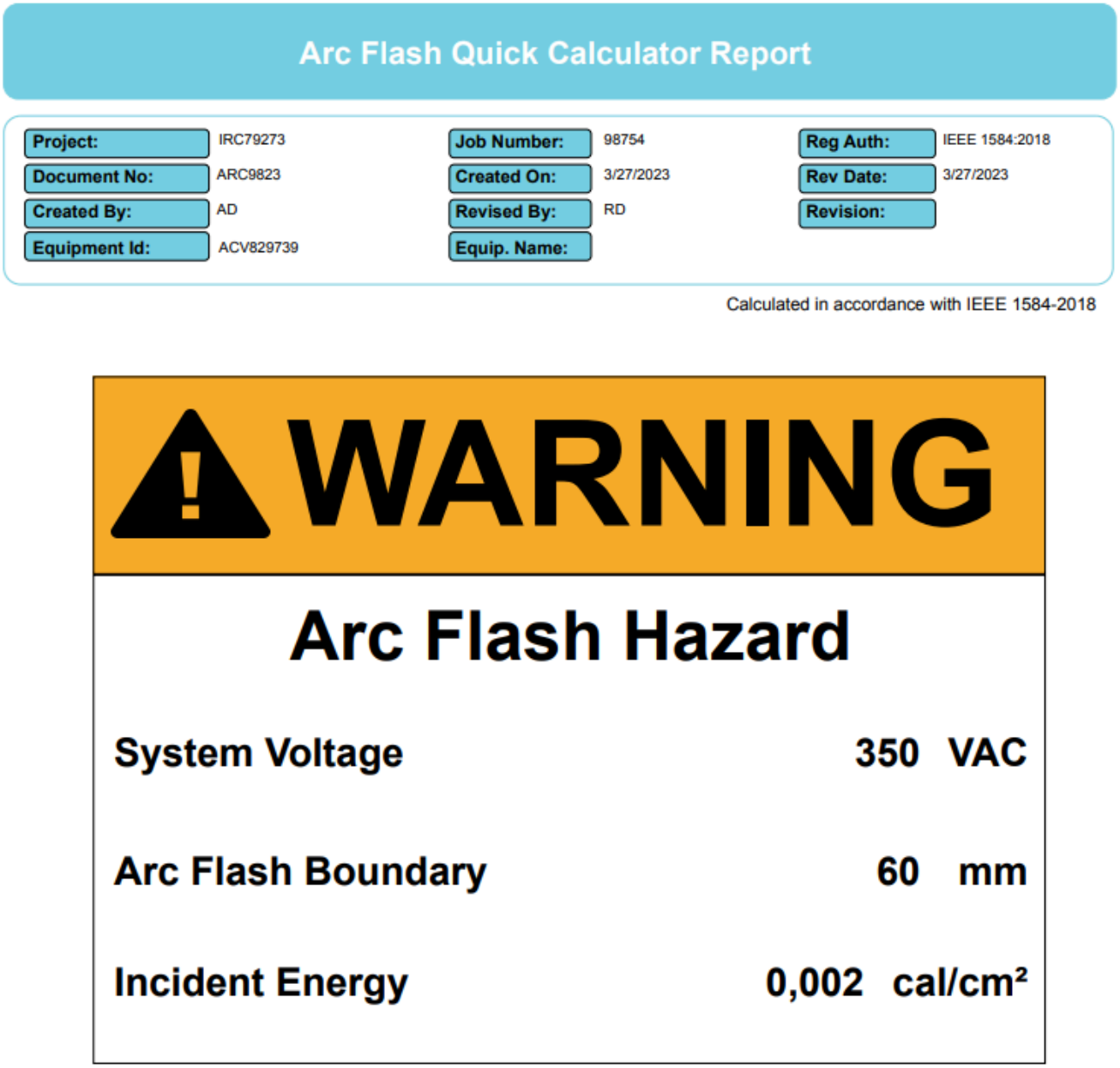
New Features

Arc Flash Quick Calculator:

ProDesign now allows our customers to calculate arc flash hazards by calculating the predicted incident thermal energy and the arc-flash boundary. Below are the highlights of this feature:

- Calculations performed to IEEE 1584:2018
- Allows customers to enter values independent from ProDesign. Enabling calculations to be performed for both LV and HV equipment
- Calculates electrical equipment and conductors for three-phase alternating current (ac) voltages from 208 V to 15 kV
- Provides the PPE Category based on NFPA 70E
- Produces a report with the results including Labels


Home
Construction
Calculation
Reports
Import/Export
Calculate
Selectivity Study
Impedance Matrices
Protection Study
Fix Design
Unfix Design
Calculations
Update Regulation
Update
Arc Flash Quick Calculator
Arc Flash Calculation
Arc Flash Quick Calculator
Calculation Method: IEEE 1584:2018
Unit of Measure: [Inch] [mm]
Project Settings
Project
Job Number
Regulatory Authority
IEEE 1584:2018
Document Number
Created On
27-3-2023
Revision Date
27-3-2023
Created By
Revised By
Revision
Equipment Id
Equipment Name
Calculation Settings
System Voltage
208
V
Fault Current
1,000
kA
Arcing Time for Iarc
0,000
ms
Arcing Time for Iarc_min
0,000
ms
Equipment Type
LV Switchgear
Electrode Configuration
VCB - Vertical in Box
Conductor Gap
32,000
mm
Enclosure Dimensions
W
508,000
mm
H
508,000
mm
D
508,000
mm
Working Distance
609,600
mm
Results
Normal Arcing Current
Arcing Current Iarc
0.000
kA
Incident Energy
0.000
cal/cm²
Arc Flash Boundary
0,000
mm
PPE Category
Reduced Arcing Current
Arcing Current Iarc_min
0.000
kA
Incident Energy
0.000
cal/cm²
Arc Flash Boundary
0,000
mm
PPE Category
Close



Resolved Bugs

- [MEPEL-7961] - The Protective Devices selection corresponding to the NEN regulation authority was incorrect. This has now been corrected.

As part of our commitment to the ongoing evolution of ProDesign, we have also included a number of behind-the-scenes performance, reliability and security improvements.

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.

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.