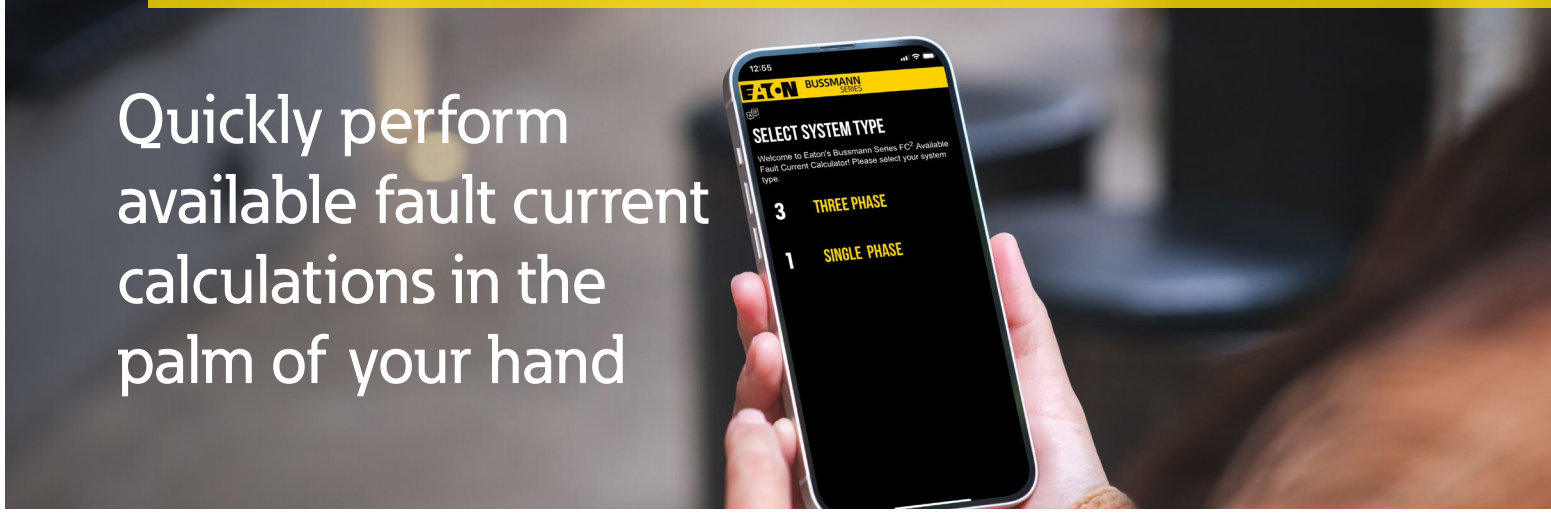
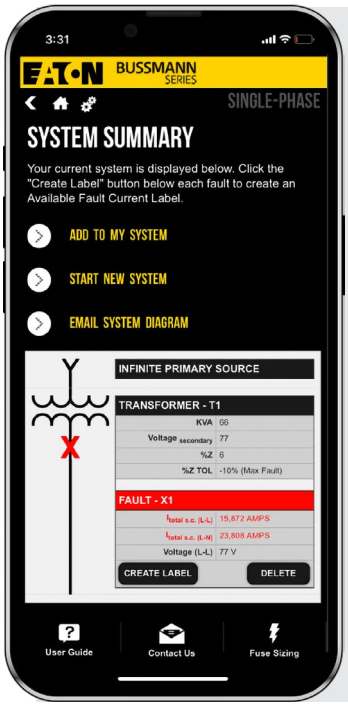
FC² Available Fault Current Calculator

BUSSMANN SERIES



FC²: Available fault current calculations made simple



Eaton's Bussmann® series FC² Available Fault Current Calculator is a simple-to-use mobile and web-based application that calculates single- and three-phase system available fault current.

FC² is available for all Apple® iPhones, iPads, and Android™ mobile devices. It allows users to quickly and easily determine available fault current anywhere in an electrical distribution system.

FC² has language options of English, Spanish, and French to address local language and equipment marking requirements.

The National Electrical Code® (NEC®) requires that equipment have a short-circuit current rating greater than or equal to the available fault current where it is installed in the system. Also, calculating the available fault current will help to ensure you have the proper interrupting rating of the overcurrent protective devices. Therefore, it is critical to electrical safety of equipment and personnel that the available fault current be calculated and marked on equipment in accordance with NEC® requirements for code compliance.

Features and benefits:

- Makes point-to-point calculations easy.
- Calculates available fault current to help comply with NEC® labeling requirements, one-line diagrams, and documentation.
- Features fuse sizing guide for main, feeder and branch circuits.
- Available for Apple® and Android™ mobile devices.
- Mobile app works with or without internet connection.
- Also available online as a web-based version.

Install FC²:

- Use the QR code with your device to download the mobile app OR
- Go to the Android or Apple store.
- Search for "fault current calculator."
- Select the Eaton Bussmann series FC² icon.
- Click "install" and follow the instructions.
- Subscribe to FC² Pro directly on the app.

Apple Store

Google Play

Upgrade your experience

Do more and save time with an FC² Pro subscription! Edit and save projects, add motor contribution, generators, and more!

See details on back.

Powering Business Worldwide

FC² How to use:

1 Calculator — calculate available fault current

- Select either three-phase or single-phase.
- Add components, calculate the system's available fault current and review a one-line diagram.
- E-mail one-line diagram at anytime.

2 Meet NEC® code labeling requirements

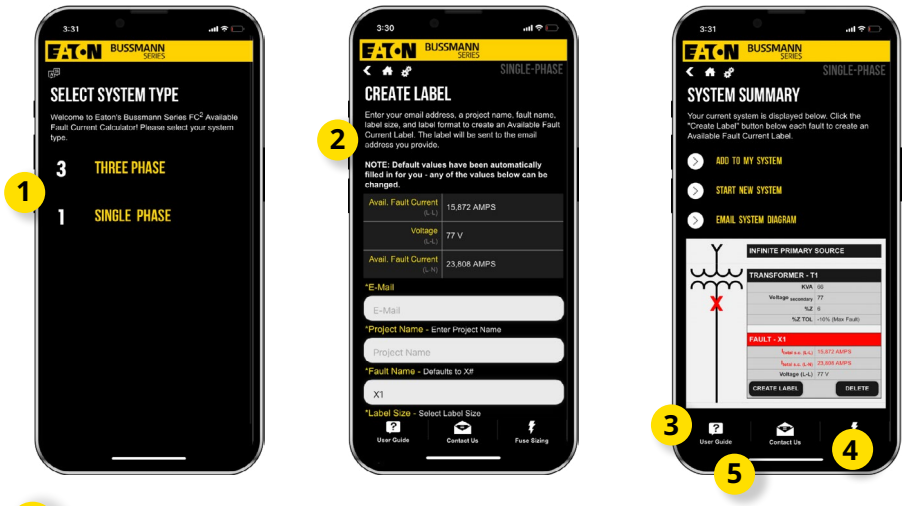
- Allows calculation of the maximum available fault current at the equipment installations and provides date of calculations.
- Create and e-mail a label once a calculation is complete.
- Print and use label to post the maximum available fault current.

EATON BUSSMANN SERIES — FC² available fault current calculator

Project Name:	**Example Project**
Fault Name:	**X2**
System:	**Three-Phase**
Avail. Fault Current L-L-L (Amps):	**28,579**
Voltage L-L (Volts):	**480**
Calculation Performed On:	**Oct 6, 2024 @8:13am**

Calculation performed via Eaton's Bussmann Series Available Fault Current Calculator v1.5

Example of printed label for compliance with equipment-marking requirements.



3 User guide — helpful tips

4 Fuse sizing guide — for main, feeder and branch circuits

- Click "fuse sizing" and "view fuse sizing diagram."
- Click each blue "hot spot" link in the one-line diagram for fuse and conductor sizing diagram

5 Contact us — direct contact to industry-leading support

- Click on "contact us."
- For application inquiries, click "technical support."
- For all other questions, click "customer service."
- FC² automatically begins an e-mail to a Bussmann Division support representative.

FC² Pro Upgrade your user experience

A great way to try out the calculator

FC² BASIC (FREE)	FC² PRO ($4.99/MONTH $39.99/YEAR)
✓ Create one line diagram	✓ Create one line diagram
✓ Make basic fault current calculations	✓ Make basic fault current calculations
✓ Send calculations to the registered email only	✓ Send calculations to **ANY** email address
✓ Generate up to four PDF files of available fault current calculations per day	✓ Generate **UNLIMITED** PDF files of available fault current calculations
✓ Transformer size limit: 5 MVA	✓ Transformer size limit: **10 MVA**
	✓ Save diagrams, and edit and manage projects
	✓ Simplified component modification to add, delete, and edit components
	✓ Add generator to system
	✓ Set default transformer value (from previous selection)
	✓ Add motor contribution for single-phase system
	✓ Consolidate multiple calculations in a single email

The new FC² Pro has added functions like the ability to manage projects, add and delete components, store customer default settings, save your work, and much more. Simply upgrade to a Pro subscription in the FC² app.

Download here:

Apple Store

Google Play

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