



The importance of SCCR and compliance with the National Electrical Code



Register

Wednesday, March 7, 2018
8:30 a.m. to 12:00 p.m.
Followed by lunch and a
Q&A session

Location: [9245 W. 53rd St.,
Merriam, KS 66203](#)

Join us for a 3-hour training session on the importance of short-circuit current ratings (SCCRs) and compliance with the National Electrical Code (NEC®). With the 2017 NEC published, and several SCCR requirement revisions, it's now more important than ever to understand SCCR.

This training session will also address industrial control panels and UL® 508A Supplement SB to provide an overview of SCCR determination and achieving a higher SCCR.

This training session is ideal for original equipment manufacturers (OEMs), design engineers, panel builders and anyone interested in learning more about SCCR.

A certified Eaton engineer will lead this 3-hour training session and all attendees are eligible for three Professional Development Hours (PDHs) upon completion.

Register today, as space is limited. There is no cost to attend this training session. Register by emailing CraigMKnoll@Eaton.com by February 27, 2017.

Please see the back for an outline of this training session.

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Short-circuit current rating application and codes training outline

SCCR - What is it and why is it important?

Equipment short-circuit current ratings

- Interrupting rating – NEC 110.9
- Current limitation – NEC 240.2
- Short-circuit current ratings – NEC 110.10
- Series ratings – NEC 240.86
- Fault current marking requirements – NEC 110.24
- 2017 NEC requirements for equipment SCCR and available fault current

Industrial control panels & UL 508A

- UL 508A definitions
- UL 508A Supplement SB – Determining assembly SCCR
- Overcurrent protective devices IR
- Industrial control devices and component SCCR
- Use of current-limiting components
- Updates to UL 508A Supplement SB
- How to achieve high SCCR

Resources

- Eaton's Bussmann series FC² Available Fault Current Calculator
- Eaton's Bussmann series SCCR Protection Suite
- Eaton's Bussmann series OSCAR™ 2.0

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