

## CANENA OBC AFCI Project Request

---

**Participating Countries:** Canada, Mexico, United States

**Project Title:** Outlet Branch-Circuit Arc Fault Circuit Interrupter (General Requirements)

**Project Description:** This standard defines the requirements for of the Outlet Branch-Circuit (OBC) type Arc Fault Circuit Interrupters (AFCI) intended for use in dwelling units. These devices are intended to mitigate the effects of arcing faults that may pose a risk of fire ignition under certain conditions if the arcing persists. These requirements are intended to merge the relevant requirements from the standards for Arc-Fault Circuit-Interrupters; UL 1699, CSA C22.2 No. 270-16.

**Project Scope:** This project includes AFCI products that have a maximum rating of 20 A; and intended for use in 120 VAC, 60 Hz circuits. In the requirements, the term device is used generically to apply to all of the devices covered by these requirements and is modified when the requirement does not apply to all types. This standard does not provide requirements for other functions including, but not limited to; overcurrent protection; ground fault circuit interruption; surge suppression; leakage current detector interruption; or other similar functions; or any combination thereof; additionally this standard shall comply with the requirements of the applicable Standard or Standards that cover devices that provide these functions. This project to be completed by a CANENA Technical Harmonization Committee (THC).

An IEC TC/SC having similar scope is identified in the supplement below.

**Start Date:** 01 September 2017

**Completion Date:** 30 September 2018

**Name & Affiliation:** Rob McIntyre, VP, Technical Services, Electro-Federation Canada

**Mailing Address:** 180 Attwell Drive, Toronto, ON, Canada, M9W 6A9

**Phone:** 647-260-3088

**Fax:** 416-679-9234

**Email:** [rmcintyre@electrofed.com](mailto:rmcintyre@electrofed.com)

## Supplement

---

**Participating Countries:** Canada, Mexico, United States

**Project Title:** Outlet Branch-Circuit Arc Fault Circuit Interrupter (Supplement)

**Project Description:** This standard defines the requirements for of the Outlet Branch-Circuit (OBC) type Arc Fault Circuit Interrupters (AFCI) intended for use in dwelling units. These devices are intended to mitigate the effects of arcing faults that may pose a risk of fire ignition under certain conditions if the arcing persists. The relevant IEC Committee is SC23E: IEC 62606

**Project Scope:** This project includes AFCI products that have a maximum rating of 20 A; and intended for use in 120 VAC, 60 Hz circuits. These requirements are intended to merge the relevant requirements from the standards for Arc-Fault Circuit-Interrupters UL 1699, UL 1699A and CSA C22.2 No. 270-16.

This project to be completed by a CANENA Technical Harmonization Committee (THC).

**Start Date:** 01 September 2017

**Completion Date:** 30 September 2018

**Name & Affiliation:** Rob McIntyre, VP Technical Services, Electro-Federation Canada

**Mailing Address:** 180 Attwell Drive, Toronto, ON, Canada, M9W 6A9

**Phone:** 647-260-3088

**Fax:** 416-679-9234

**Email:** [rmcintyre@electrofed.com](mailto:rmcintyre@electrofed.com)