

GEH-705 Rev. 2 Installation Instructions

MCCB Cable Extension

For Spectra® RMS Molded-Case Circuit Breakers
with Advanced Feature *microEntelliGuard*™ Trip Units

For Catalog Number SDCEA30C
UL LISTED Circuit Breaker Accessory



Overview

The General Electric MCCB Cable Extension is used to provide expansion of the molded-case circuit breaker harness. The cable is used to carry a variety of electronic signals between Spectra RMS molded-case circuit breakers with *microEntelliGuard*™ Trip Units and distribution cable accessories. Accessories supported by the MCCB Cable Extension (SDCEA30C) are as follows.

Plug End of the Extension

- Distribution Cable Advanced Junction Box (SDCTBA11C)
- Distribution Cable Terminal Blocks (SDCTBA22C)

Receptacle End of the Extension

- Spectra RMS molded-case circuit breaker with *microEntelliGuard*™ Trip Unit with a 20-pin breaker cable.

The MCCB Cable Extension is 30 inches long and can be group connected to form a longer cable (the total system cabling length must not exceed 40 feet).

Connections

The MCCB Cable Harness contains a 20-pin receptacle connector on each end. The connectors are keyed so they cannot be inserted incorrectly into a mating 20-pin plug connector.

To connect the end of the MCCB Cable Extension to another distribution cable accessory, align the receptacle key with the slot in the plug and insert the receptacle into the plug until the connector ears lock on both ends of the connector.

Additional information

Refer to these other publications for additional information.

- GEH-704 Distribution Cable Advanced Junction Box
- GEH-706 Distribution Cable Terminal Blocks