



# Thomas & Betts

## ANALYSIS OF NEC ®

2017 Code Changes: Article Section 210.11(C)(4) Garage Branch Circuits

Section 210.11(C)(4) Garage Branch Circuits

**Thomas&Betts**  
A Member of the ABB Group

# Section 210.11(C)(4) Garage Branch Circuits

## Section 210.11(C)(4) Garage Branch Circuits

**(4) Garage Branch Circuits.** In addition to the number of branch circuits required by other parts of this section, at least one 120-volt, 20-ampere branch circuit shall be installed to supply receptacle outlets in attached garages and detached garages with electrical power. This circuit shall have no other outlets.

*Exception: This circuit shall be permitted to supply readily accessible outdoor receptacles.*

## Analysis of the Change

A new Section 210.11(C)(4) was added to the 2017 NEC to require a 120-volt, 20-ampere branch circuit to attached or detached garages in residential dwelling units that have power. Appliances and tools used in garages may be rated at 12- to 16-amperes or higher and demand at least a 20-ampere rated branch circuit. A 15-ampere rated branch circuit in the modern garage is typically not sufficient. The exception allows for readily accessible outdoor receptacle outlets to be used on the 20-ampere branch circuit.

## Products

ABB's GFCI Breakers, Carlon Outlet Box, and Red Dot In-Use Weatherproof Covers



# Contact Us

If you have any questions or require interpretation assistance, please contact the following:

David Kendall ..... 1-800-888-0211 Ext. 8879

Greg Steinman ..... 1-800-888-0211 Ext. 5719

Jean Blanc ..... 1-800-888-0211 Ext. 5670

Thomas & Betts Corporation

8155 T&B Blvd.

Memphis, TN 38125

[www.tnb.com](http://www.tnb.com)

Disclaimer: This is not intended to be an iteration of all the changes, but a reference of a change that may affect the Thomas & Betts, ABB & Baldor product lines. For a more in-depth document, please contact the International Association of Electrical Inspectors at [www.iaei.org](http://www.iaei.org).

Material taken from the National Electrical Code is reprinted with permission from NFPA 70®-2017, National Electrical Code®, Copyright © 2016, National Fire Protection Association, Quincy, MA. This material is not the official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

National Electrical Code® and NEC® are registered trademarks of the National Fire Protection Association, Quincy, MA.

The National Fire Protection Association did not produce, review or approve this publication and assumes no responsibility for the application or use of any NEC related material or product set out herein.

Do not duplicate any part of this publication without the permission of a member of the Industry Affairs Group of Thomas & Betts.



**Thomas&Betts**  
A Member of the ABB Group