Thomas & Betts
ANALYSIS OF NEC ®

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


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Contact Us

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

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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.

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