



Thomas & Betts

ANALYSIS OF NEC ®

2017 Code Changes: Article Section 362.12 Uses Not Permitted
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Section 362.12 Uses Not Permitted

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362.12 Uses Not Permitted. ENT shall not be used in the following:

- (1) In any hazardous (classified) location, except as permitted by other articles in this Code
- (2) For the support of luminaires and other equipment
- (3) Where subject to ambient temperatures in excess of 50°C (122°F) unless listed otherwise
- (4) For direct earth burial
- ~~(5) Where the voltage is over 600 volts~~
- (5) In exposed locations, except as permitted by 362.10(1), 362.10(5), and 362.10(7)
- (6) In theaters and similar locations, except as provided in 518.4 and 520.5
- (7) Where exposed to the direct rays of the sun, unless identified as sunlight resistant
- (8) Where subject to physical damage

Analysis of the Change

ENT is no longer limited by a maximum voltage but is limited by the maximum listed operating temperature for which the conductors are permitted to be used with ENT, see 362.10(9). ENT can be used for any voltage as long as the maximum conductor operation temperature for which the ENT is listed is not exceeded. The removal of the 600 volt limitation was developed by the High Voltage Task Group assigned by the NEC Correlating Committee.

Products

Carlson Electrical Nonmetallic Tubing (ENT), ENT Solvent Cement and PVC Conduit Fittings



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

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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