

## NM Cable Interconnectors

**Q: The National Electrical Code® (NEC®) permits the use of nonmetallic-sheathed cable interconnectors that are used without an outlet box or enclosure. Does UL List these products, and where are they intended to be installed?**

A: UL Lists these devices under the product category Nonmetallic-sheathed Cable Interconnectors (QAAV). These devices consist of mating insulating enclosures assembled to nonmetallic sheathed cable to form both a mechanical and electrical connection for use in exposed or concealed locations in accordance with Article 334 of the NEC. The enclosures of these interconnectors are complete without openings and are intended for use without an outlet box or enclosure. These devices have been investigated for equivalency to Type NM cable in insulation and temperature rise, and for capability to withstand fault currents, vibration and mechanical shock that may occur during transport.

The interconnects are intended for use at 600 volts ac or less on 15 and 20 ampere branch circuits wired with Nos. 14 and 12 AWG solid or stranded copper conductors. The interconnectors are marked with the manufacturer's name or identification, the catalog number or equivalent, "Nonmetallic Sheathed Cable" or "NM", the conductor size(s), and the electrical rating. The unit container or an information sheet packed in the unit container contains assembly and use instructions. The UL Listing Mark is on the smallest unit container in which the product is packaged or on the product when size or shape permits, and includes the UL symbol, the word "LISTED", and "Nonmetallic Sheathed Cable Interconnector" or "N.M. Cable Interconnector".