Subject 111

July 13, 2010

REFERENCE: File(s) «FILENOS»

TO: Subscribers to UL's Listing Service for Multioutlet Assemblies (PVGT) and Multioutlet Assembly Fittings (PVUR)

SUBJECT: Publication of the First Edition of the Outline of Investigation for Multioutlet Assemblies, Subject 111.

UL has developed the Outline of Investigation for Multioutlet Assemblies (Subject 111) to address the construction, performance, and marking requirements of these assemblies. Historically, UL evaluated Multioutlet Assemblies utilizing the applicable requirements from UL 5, the Standard for Surface Metal Raceways and Fittings and UL 5A, the Standard for Nonmetallic Surface Raceways and Fittings. Requirements for the electrical components of these assemblies are not addressed in these Standards. Subject 111 was developed to include:

- Raceway requirements found in UL 5 and 5A
- Electrical requirements for branch circuit applications (60 amperes and less)
- Marking requirements to address concerns identified by inspection authorities, and
- Additional requirements to address unique features being included with Multioutlet Assemblies.

Some of the added features include switched outlets, non-NEMA outlets, multiple raceways for power, communications, low voltage NEC Class 2 power, lamp holders, supplementary overcurrent protection, remote controlled outlet assemblies, and the utilization of the assemblies in indoor locations near lavatories. Subject 111 includes requirements to evaluate these additional features.

Subject 111 introduces “Type” markings to aide the inspection authority in determining the degree of assembly when the device was shipped from the manufacturer. These “Type” designations are as follows:

Type A – A Multioutlet Assembly that provides all the required parts, incorporates factory pre-wired power (mains) conductors to the wiring devices and accessories. The field wiring connection consists of one of the following: conduit whip, armored cable, manufactured wiring system, office furnishing wiring system, pigtail lead, a terminal block or is intended to terminate on installed device wiring terminals. Pre-wired communication wiring may be provided. No additional unwired raceways for power or communication conductors are provided. No field wired accessories are provided for the system.

Type A1 – Identical to a Type A Multioutlet Assembly except additional unwired raceways for power and/or communication conductors may be provided or accessories may be provided with the system but are not pre-wired and installed at the factory.

Type B – A Multioutlet Assembly that provides for the installation, routing and termination of the branch circuit conductor wiring within the Multioutlet Assembly in the field. Wiring devices, fittings and accessories are provided with the system but are not pre-wired and installed at the factory.

Type C - A Multioutlet Assembly that does not include factory installed conductors, wiring devices, or accessories, but has factory provided openings for wiring devices or accessories. This type of Multioutlet Assembly is marked for use with the specific kit(s) that may be shipped with the Multioutlet Assembly or shipped separately from the Multioutlet Assembly for field installation.

To assist manufacturers in the transition to Subject 111 UL is proposing an effective date of September 10, 2015. All currently certified products will be able to be produced with the UL Mark until September 10, 2015. Unless specifically requested by the manufacturer, new product submittals will be evaluated using the requirements of Subject 111. On September 10, 2015, UL will withdraw certification of all products certified under PVGT and PVUR, which are not evaluated to Subject 111. This will result in the withdrawal of all Multioutlet Assemblies, which are only certified to UL5 and UL 5A. If you would like to provide comments to the proposed transition plan please email the undersigned by July 27th, 2010 with your concerns.

Sincerely:

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