MANAGEMENT EQUIPMENT, ENERGY (PAZX)

CLASSIFICATION

Controls are classified based on their unique features, intended applications and environment, level of reliability, etc. These classifications are noted in ANSI/UL 60730-1, “Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements.” Two of the more common classifications are:

Type 1 action — Automatic action for which the manufacturing deviation and the drift (calibration) of its operating value, operating time, or operating sequence have not been declared and tested under this standard.

Type 2 action — Automatic action for which the manufacturing deviation and the drift (calibration) of its operating value, operating time, or operating sequence have been declared and tested under this standard.

Full disconnection on operation (Type 1A or 2A) — Contact separation in all supply poles other than earth so as to provide the equivalent of basic insulation between the supply mains and those parts intended to be disconnected.

Micro-disconnection on operation (Type 1B or 2B) — Adequate contact separation in at least one pole so as to provide functional security.

Micro-interruption on operation (Type 1C or 2C) — Interruption of a circuit by contact separation, by a cycling action, or by a noncycling action which does not provide full disconnection or micro-disconnection.

Electronic disconnection on operation (Type 1Y or 2Y) — A noncycling interruption by an electronic device of a circuit for functional disconnection and which provides a disconnection other than by means of an air gap by satisfying certain electrical requirements in at least one pole.

Devices are intended to be used only within the manufacturer’s brand and product series as indicated in the manufacturer’s instructions. Exceptions are specifically identified in the product’s literature.

FACTORS NOT INVESTIGATED

The effects of the controls on the performance ratings of the connected loads have not been investigated.

PRODUCT MARKINGS

“Energy Management Equipment Enclosure,” “Energy Management Equipment Enclosure Part,” “Energy Management Equipment Subassembly,” “Energy Management Equipment Accessory” and the like require module labeling. The marking on the individual subassembly, or smallest container, will make reference to 1) a wiring diagram for interconnection of a system, and 2) the various combinations of subassemblies that may be employed to comprise the system unit.

PRODUCT IDENTIFY

One of the following product identities appears on the product:

- Building Management Equipment
- Building Management System
- Enclosed Energy Management Equipment
- Energy Management Equipment Accessory
- Energy Management Equipment Enclosure
- Energy Management Equipment Enclosure Part
- Energy Management Equipment Subassembly
- Open Energy Management Equipment

The word “Management” may be abbreviated “Mgmt” or “Mgt” (with or without a period); the word “Equipment” may be abbreviated “Equip” or “Eqt” (with or without a period).

RELATED PRODUCTS

Signal system units incorporating energy management systems are covered under Signal System Units (ÜDTZ). Switching devices operated by a clock mechanism and other similar type products used to energize or de-energize loads are covered under Switches, Clock Operated (WCZH). Energy-usage-monitoring equipment (not controlling loads directly) is covered under Energy Usage Monitoring Systems (FTRZ). Measurement equipment is covered under Measuring, Testing and Signal-generation Equipment (picq).

Temperature-indicating and -regulating switches are covered under Temperature-indicating and -Regulating Equipment (XPAP) and Controllers, Refrigeration (SDFX).

Nonindustrial photoelectric switches for lighting control and/or motion-sensitive switches intended for nonindustrial applications are covered under Switches, Photoelectric (WJCT).

Plug-in, locking-type photocounters for use with area lighting intended for parking lot and roadway lighting are covered under Photocounters, Plug-in, Locking Type (WFJX).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ).

REQUIREMENTS

The basic standard used to investigate products in this category is UL 916, “Energy Management Equipment,” or ANSI/UL 60730-1, “Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements.”
MANUFACTURED HOME KITCHEN CABINETRY AND BATHTUB AND SHOWER UNITS (PDLT)

GENERAL
This category covers finished units, components, and/or materials have been certified in accordance with the flammability requirements of the Federal Manufactured Home Construction and Safety Standards; Section 3280.203(b)(5) for kitchen cabinet doors, counter tops, back splashes, exposed bottoms, and end panels or Section 3280.203(b)(6) for plastic bathtubs, shower units, and tub or shower doors.

The insulating, acoustical, structural, toxicity of products of combustion and other properties have not been investigated. The certification pertains to the finished units, components, and/or materials themselves, and not to the structures in which they are installed.

ADDITIONAL INFORMATION
For additional information, see Building Materials (AABM).

UL MARK
The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words “CERTIFIED” and “SAFETY,” the geographic identifier(s), and a file number.

Additional Certification Markings
Products covered under this category are additionally marked with the following information:

MANUFACTURED HOME KITCHEN CABINETRY
FEDERAL MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARDS SECTION 3280.203(b)(5)
AS TO FLAMMABILITY ONLY

MANUFACTURED HOME BATHTUB AND SHOWER UNIT
FEDERAL MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARDS SECTION 3280.203(b)(6)
AS TO FLAMMABILITY ONLY
Alternate UL Mark
The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word “CLASSIFIED” above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

MANUFACTURED HOME KITCHEN CABINETRY
IN ACCORDANCE WITH FEDERAL MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARDS SECTION 3280.203(b)(5)
WITH RESPECT TO FLAMMABILITY ONLY
Control No.

MANUFACTURED HOME BATHTUB AND SHOWER UNIT
IN ACCORDANCE WITH FEDERAL MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARDS SECTION 3280.203(b)(6)
WITH RESPECT TO FLAMMABILITY ONLY
Control No.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

MANUFACTURED HOMES (PDOV)

GENERAL
This category covers manufactured homes, which are structures, transportable in one or more sections, built on a permanent chassis and designed to be used with or without a permanent foundation. All manufactured homes include provisions for attachment to anchoring and tie-down devices and suitable piers and footings at the installation site. Manufactured homes are intended for installation subject to approval by the Authority Having Jurisdiction.

PRODUCT IDENTITY
The following product identity appears on the product:

MANUFACTURED HOME

RELATED PRODUCTS
Prefaburced modular buildings are covered under Composite Panels (QRST).

ADDITIONAL INFORMATION
For additional information, see Building Materials (AABM).

REQUIREMENTS
The basic standard used to investigate manufactured homes intended for use in dwelling units is 24CFR3280, “Manufactured Home Construction and Safety Standards” (December 18, 1975).

UL MARK
The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words “CERTIFIED” and “SAFETY,” the geographic identifier(s), and a file number.

One Certification Mark is applied near the data plate (single-wide) or near the data plate and at eye level in the largest bedroom closet of each additional transportable section (double- and triple-wide) of each manufactured home intended for use as a dwelling unit. In addition, information concerning the equipment and appliances factory furnished as part of the manufactured home is included on a data plate posted within the building.

Additional Certification Markings
Products covered under this category are additionally marked with the following information:

SEE HUD LABEL
Alternate UL Mark
UL MARK
The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word “CLASSIFIED” above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

MANUFACTURED HOME
SEE HUD LABEL
No.

One Classification Mark is applied near the data plate (single-wide) or near the data plate and at eye level in the largest bedroom closet of each additional transportable section (double- and triple-wide) of each manufactured home intended for use as a dwelling unit. In addition, information concerning the equipment and appliances factory furnished as part of the manufactured home is included on a data plate posted within the building.

MARINA AND BOATYARD CABLE
(PSYQ)
USE