



Subject 917

May 11, 2010

TO:

Applicants of UL's Listing / Recognition Service for Clock Operated Switches (WGZR / WGZR2)

SUBJECT:

Proposed Postponement of the of the Future Effective Date for Clock Operated Switches (Timers and Time) Transitioning from UL 917 to UL 60730-2-7

UL 60730-2-7 (*Automatic Electrical Controls for Household and Similar Use, Part 2: Particular Requirements for Timers and Time Switches*) is a UL initiated "harmonized" standard published February 11, 2002. This standard is intended to replace the Standard UL 917, *Clock-Operated Switches*. The technical content of UL 60730-2-7 is substantially different from that of the legacy UL 917 Standard even though there were US national differences added to the base IEC requirements.

The original effective date schedule for the implementation of UL 60730-2-7 and withdrawal of UL 917 was February 8, 2005. Due to unanticipated implementation challenges, this date was later postponed until the current effective date of July 31, 2010. In the interim, UL received feedback that there was confusion over the scope of the new standard and how the changes in requirements impact certain devices. As a result, UL considers it important to address this confusion and clarify the intended impact of the new standard.

Although an additional postponement of the effective date will further delay implementation, it is thought to be necessary in order to gather additional feedback and allow manufacturers time to adapt, as necessary, to any changes in approach resulting from the feedback. The effective date of this Industry File Review is therefore proposed to be ***postponed until October 19, 2016***.

Attached to this Subscriber Bulletin is a table that illustrates the approach UL believes is appropriate to implement a more globally relevant clock operated switch standard while retaining the requirements for US and Canadian market wiring devices that have an acceptable history. If there were support for this approach,

- US market wiring devices would be covered by UL's Listing Service, using an updated version of the legacy UL 917 standard. The updating would include incorporation of electronics requirements within the standard instead of referring to UL 244A (Solid State Controls), which is scheduled to sunset in October 2016. As the UL 244A requirements reflect current practice, no impact is expected for Listed US market wiring devices.

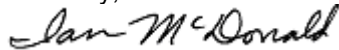
- UL's Recognition Service, using UL 60730-2-7, would cover all other clock operated switches. The premise is that these are mostly intended as controls for use within equipment. End product UL standards will shortly begin the process of referring to UL 60730-2-7 for such controls with an effective date coordinated with this Industry File Review.
- There is no impact currently contemplated for devices UL Listed or UL Recognized in accordance with only the Canadian requirements since the Canadian requirements remain unchanged.

Please refer to the attached table for a more complete description of the approach. This would form the basis of moving forward with the Industry File Review and implementation of the October 19, 2016 effective date.

UL requests that comments on the proposed postponement of the Effective Date from July 31, 2010 to October 19, 2016, and the approach described in the attached table, be provided to Ian McDonald June 22, 2010.

If you have additional questions on how this may affect your present or future products please contact your local UL office.

Sincerely,



Ian McDonald
Principal Engineer (PDE)
Switches and Appliance Controls
455 East Trimble Rd. San Jose, CA 95127 USA
V: 408-754-6707 Fax: 408-689-6707
e-mail: ian.mcdonald@us.ul.com

Reviewed by:

Tom Blewitt
PDE Director

Wiring Device – Listed devices intended for fixed / building wiring, identifiable as end products.							
	CCN	Present Standard		CCN	Proposed Standard		Comments
Mechanical Clock Operated Switch, Listed UL, cUL	WGZR, 7	UL917 -or- UL60730-2-7	CSA No. 177	WGZR, 7	UL917	CSA No. 177	US Listing will continue for devices previously evaluated to UL60730-2-7 (if mfg prefers). All new submittals will follow the new process.
Electronic Timers, Listed UL, cUL	WGZR, 7	(New projects) UL60730-2-7 (Existing or minor revision) UL917, UL244A + legacy end product standards, as appropriate.	CSA No. 177, CSA No. 0 + Legacy end product standards, as appropriate.	WGZR, 7	UL917 + legacy end product standards, as appropriate.	CSA No. 177, CSA No. 0 + legacy end product standards, as appropriate.	- US Listing will continue for devices previously evaluated to UL60730-2-7 (if mfg prefers). All new submittals will follow the new process. - UL244A requirements to be integrated in UL917
Time Delay Switch * UL Listed Non North America Requirements	WGZR	n/a	n/a	WGZR	IEC 60669-2-1 (electronic) or 60669-2-3 (all others)	n/a	All using UL60730-2-7 to migrate to R/C (WGZR2) Use of IEC 60669-1 and IEC 60669-2-x only if industry driven

**** Time Delay Switch** - Switch for fixed installation in household or similar use, provided with a time-delay device that operates for a certain time (the delay time). It may be either manually actuated and/or remotely electrically initiated. (IEC 60669-2-3 clause 3.101) Time delay switches for fixed installation are not covered under the scope of 60730-2-7; they are covered under 60669-2-1 if electronic or 60669-2-3 for all others.

Equipment / Appliance Control – component of the end product or GMA certification							
	CCN	Present Standard		CCN	Proposed Standard		Comments
Mechanical Clock Operated Switch R/C UR, cUR	WGZR2, 8	UL917 -or- UL60730-2-7	C22.2 No. 177	WGZR2, 8	UL60730-2-7	C22.2 No. 177	All devices will migrate to UL60730-2-7 for WGZR2 No changes contemplated for WGZR8
Electronic Timers R/C UR, cUR	WGZR2, 8	(New projects) UL60730-2-7 (Existing or minor revision) UL917, UL244A + legacy end product standards, as appropriate.	CSA No. 177, CSA No. 0 + legacy end product standards, as appropriate.	WGZR2, 8	UL60730-2-7	C22.2 No. 177, C22.2 No. 0 + legacy end product standards, as appropriate, or E730-2-7	All devices will migrate to UL60730-2-7 for WGZR2 No changes contemplated for WGZR8
Timers R/C UR Non North America Requirements	n/a	n/a	n/a	WGZR2	IEC 60730-2-7	n/a	Will need to identify in certification report those devices that have provision for field wiring and rated comparable to wiring devices

There is no distinction between clock operated and time delay switches when used within equipment.

There is no significant distinction between devices referred to as Clock Operated Switches, Timers or Time Switches.