



Timer standard transition

At present, UL certifies timers, time switches and clock-operated switches under two UL Standards, UL 917, the Standard for Clock-Operated Switches, and UL 60730-2-7, the Standard for Automatic Electrical Controls for Household and Similar Use, which is harmonized to IEC 60730-2-7. To minimize market disparity due to different certifications, UL proposed a Certification Requirement Change procedure to facilitate continued product certification and a standard transition to UL 60730-2-7.

If your product was certified to UL 917, you can still make minor modifications to the existing design and the product will remain certified to the same Standard. If a design change is deemed major (e.g., contact re-design), then the product will be considered new, and it must be certified to the latest version of UL 60730-2-7.

How does the new Standard assist manufacturers during their certification process?

The new standard provides several benefits. Here are a few highlights:

- UL 60730-2-7 is harmonized to IEC 60730-2-7
- Helps reduce cost and time to market since only one design platform is required for the global market.
- Helps reduce disparity among standard requirements for accessing the marketplace
- Helps reduce end-product development cycles with certified component timers/time switches.
- Includes the latest safety requirements for the implementation of new technologies.

What are the main product categories covered by the Standard UL 60730-2-7?

The following products are certified to the inherent safety, operating values, operating times and operating sequence where such are associated with equipment safety.

Timers that are relied upon to perform safety-related functions are also covered under the scope of this Standard and are subjected to the relevant functional safety requirements.

- Timers for use in UL/IEC 60335-1 applications.
- Plug-in timers.
- Cord-connected timers.
- TV timers (less common as embedded electronics typically perform this function now.)
- Synchronous timers.
- Hand-wound timers.

Products not covered by the UL 60730-2-7 standard:

- Time-delay switches.
- Products that indicate time or the passage of time such as clocks; such devices are covered by UL 863, the Standard for Time-Indicating and -Recording Appliances.
- Multi-functional controls that have an integrated timing function

Why UL Solutions

UL provides our customers with a global network of laboratories and engineering experts to help with their testing and certification needs. We offer safety certification for timers and time switches, including clock-operated switches and other adjunct services.

Our technical experts hold leadership roles on IEC technical committee TC 72, which is responsible for developing the requirements in the IEC 60730 series of standards. We are one of the leading testing, inspection and certification bodies in the world. With our global reach, we offer our customers a comprehensive certification experience.

Our services include:

- Professional product safety certification services to access the North America Market.
- Global Market Access solutions with UL/IEC 60730-2-7 harmonized standards.
- UL's early engagement with standard training, which helps reduce your product development cycle.
- IECEE CB Scheme's Customer Testing Facility (CTF) program and UL's Data Acceptance Program (DAP), which offer flexible solutions and allow manufacturers to test products at their in-house laboratories according to the requirements.

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