WIRE AND CABLE

UL Now Provides One-Stop Solution for IEC/EN 60320-1: 2015 & UL 60320-1: 2011 for Various Destination Markets

Your Opportunity to Expand Globally through our Integrated Services.

Effective in 2018, IEC/EN 60320-1:2001(Ed. 2.1) will be replaced by IEC/EN 60320-1:2015(Ed. 3.0) for appliance inlets, connectors, plugs, and appliance outlets, all the CB/ D/ ENEC Marks and other European certifications need to be tested and certified according to the new standard IEC/EN 60320:2015 no later than July 29, 2018.

On the other hand, UL requires plug connectors & connectors covered under ELBZ (UL817) to be tested to UL 60320-1:2011 standard before May 21, 2021.

Manufacturers in wire and cable industry that strive to gain access to markets that are adopting IEC/EN based and UL standards can rely on UL to handle their global market access needs. Our one-stop service can issue UL Mark (UL 60320-1) and CB, D, ENEC Mark (IEC/EN60320-1) based on one set of testing + limited national difference. Besides, the application of CB and ENEC will be free of charge for the client who submitted their request before 2018. The client will save cost and time by working with UL.

Program Benefits

- Reduce time and cost by integrating with other global testing and certification requirements under UL's one-stop solution service
- Seamless support from experienced engineers and technical experts locally, as well as in your target market
- Gain recognition through UL's trusted global market access solutions

To apply for UL 60320-1 and IEC/EN 60320-1, or for additional information, please visit www.UL.com/gmacontact to find a UL representative in your region.

Frequently Asked Questions

Will the Demko (Denmark), ENEC and other European certifications issued based on IEC/EN 60320-1:2001 still be valid? And for how long?

Demko, ENEC, and other European certification issued based on the old standard will be invalid after July 29, 2018.

When to apply for the certification based on the new IEC/EN 60320-1:2015?

The application for testing and certification has started. UL is ready to issue CB certification and test report based on the new standard.

What is the relationship between UL 60320-1 and IEC/EN 60320-1?

UL 60320-1 is a North American Standard which is developed based on IEC/EN 60320-1 . The key difference between this UL standard and IEC/EN 60320-1 is mainly in the flexible cord, voltage and current.

What is UL going to do with the same type of products that used to be tested and evaluated based on UL817 standard?

Product submitted from now till May 21, 2021 will need to be tested and evaluated based on UL 60320-1. A formal notification will be sent to all UL certified customers soon.

What is the benefit of submitting/renewing application to UL for both UL 60320-1 and IEC/EN 60320-1 together?

Apart from gaining recognition and acceptance with the UL mark on your certification, the same type of product submitted for both UL certification (UL 60320-1) and CB, D, ENEC Mark (IEC/EN60320-1) will be tested and evaluated based on one set of testing + limited national difference. The client will save cost and time by working with UL. UL will also provide local testing and technical support in many areas.

What is the major technical revision of the new IEC/EN 60320-1:2015 (Ed. 3.0)?

Major Technical Revision of IEC/EN 60320-1:2015(Ed. 3.0)	
Part Number	**Technical Revision**
9. Dimensions and compatibility	Standardized appliance couplers shall comply with the relevant standard sheets according to IEC 60320-3: 2014. Increased requirement of non-standardized appliance couplers
15.2 Insulation Resistance	Four types of insulation tested added, namely Functional, Basic, Supplementary, and Reinforced
15.3 Dielectric strength	The test sample is subjected to voltage across the insulation as specified in Table 4.
18.2 Heating test for connectors / plug connectors	Setting defined for heat test conducted for connector/ plug connector
23.6 Torque and pull test	Testing on pull force and torque applied to connector following Table 12.
26. Clearances, creepage distances and solid insulation	Testing specification of Appliance couplers has been changed to IEC 60664-1.

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