WIRE AND CABLE

Wire Flame Ratings for High Tech Equipment Manufacturers

UL certification services for the flame rating of wire for IEC and SELV/LPS used in high tech equipment.

UL is pleased to offer two new services for wire and cable manufacturers. These services are beneficial to high tech manufacturers who source components to meet their product needs and will reduce the amount of testing and follow-up work for end-product evaluations.

Small Scale Flame Rated Wire (SSFR) under Category ZKRY2:

This new category is designed for short interconnecting cable manufacturers who have traditionally established unlisted component procedures for the Follow-Up testing needed for VW-1 rating. This provides an additional option for High Tech equipment manufacturers, enabling them to now select a cable that meets the VW-1 or FT-1 only requirement.

The SSFR certification program was established for short length (less than 3.05 meters) wires connected to SELV/LPS circuits in UL 60950-1 equipment and/or ES1/PS2 or LPS circuits in UL 62368-1 equipment with only a flame rating. The wires are evaluated to the flame test method outlined under ANSI/UL 2556, Standard for Wire and Cable Test Methods.

IEC 60332-1 or IEC 60332-2 flame tests and certification for Appliance Wiring Material (AWM)

The addition of the IEC 60332-1 and IEC 60332-2 flammability tests enables high tech manufacturers to source Recognized Component wiring that meets the criteria of both IEC and UL Standards for appliance wiring material (AWM).

IEC 62638-1, the standard for Audio/Video, Information and Communication Technology Equipment will eventually replace legacy standards, IEC 60950-1 (Information Technology Equipment) and IEC 60065 (Audio, Video, and Similar Electronic Apparatus). The IEC 60332-1 and IEC 60332-2 flame tests for wiring used with this equipment are found in the new standard.

This flame rating may be added to currently certified products upon successful completion of the required evaluation.

Program Benefits

• Targeted ratings for the High Tech industry

• Online Certifications Directory listing

• UL IQ Database

• Globally Recognized Standard/Test Methods

AWM and SSFR wire that has been certified under UL's Recognized Component program has the advantage of being published on UL's Online Certification Directory (www.ul.com/database). End-use product manufacturers can easily search and find the right wire and cable product for their needs.

UL's Online Directory is used by customers globally. The listed products are viewed by wire and cable manufacturers around the world, helping material manufacturers extend their marketing reach.

For more information, please visit www.ul.com/wirequote