CONDITION OF ACCEPTABILITY

Models: T1M1UNVXXXX-15F,T1M1UNVXXXX-30F,T1T1120XXXX-30C, T1T1120XXXX-30L,T1UNV0700-200L,T1UNV1000-210L,T1UNV1050-200L T1M1UNVXXXX-100A,T1UNV1000-105L, T1T1120XXXX-18CA

UL Condition of Acceptability - UL file # E342838, when installed in the end use equipment, the following are among the considerations to be made.

1. Rated output loadings were achieved using LEDs for models T1M1UNVxxxx-15F, T1M1UNVxxxx-30F and electronic loads for other models.

2. The temperature tests were evaluated at nominal 61ºC ambient for models T1UNV0700-200L, T1UNV1000-210L, T1UNV1050-200L, 51ºC ambient for model T1UNV1000-105L, 72ºC ambient for model T1M1UNVxxxx-15F, 53ºC ambient for model T1M1UNVxxxx-30F, 41ºC ambient for model T1M1UNVxxxx-100A, 56ºC ambient for model T1T1120XXXX-18CA, 46ºC ambient for model T1T1120xxxx-30C, and 52ºC ambient for model T1T1120xxxx-30L. Higher ambient shall be evaluated in end product use.

3. These products utilize a UL Recognized OBJY2 Class B (130) electrical insulation system.

4. As part of temperature testing, the case temperature at Tc was monitored. During the normal temperature test of the end product, the temperature at Tc is to be monitored. The absolute value at TC cannot exceed the Specified Tref value (°C), noted in product characteristics table. See ILL. 9 for detailed Tc location.

5. These products are intended for building in. The enclosures for these products have no openings, except for model T1M1UNVXXXX-100A is open frame drivers without enclosure. Acceptability of the LED drivers with respect to mounting, spacing, casualty, temperature and segregation is to be determined as part of the end device evaluation.

6. The Leakage Current test, Dielectric Voltage Withstand test between circuits and accessible dead conductive parts, were not conducted for model T1M1UNVXXXX-100A. Based on end use requirements and the construction presented, these tests may need to be performed as part of the end product evaluation.

7. These products (excluding model T1M1UNVXXXX-100A) are provided with 18 AWG minimum, rated 105 °C, 300 V minimum for input and output connections, stranded leads for models T1M1UNVXXXX-15F, T1M1UNVXXXX-30F, T1T1120XXXX-30C and solid leads for other models. Strain relief was provided by embedding wires in potting compound. Acceptability of the cord relative to secureness, is to be determined as part of the end device evaluation.

8. Model T1M1UNVXXXX-100A is provided with connectors for supply and load connection. These connectors have not been evaluated for current interruption. Acceptability of these connectors relative to secureness, is to be determined as part of the end device evaluation.

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9. Models T1M1UNVXXXX-15F, T1M1UNVXXXX-30F and T1M1UNVXXXX-100A are dimmable using a low voltage 0-10 V proprietary interface.

This interface is a sink, since the interface circuit operates from an external source of supply.

For models T1M1UNVXXXX-15F, T1M1UNVXXXX-30F, the interface circuit has been evaluated for isolation from primary (input) with spacing based on the maximum rated branch supply, 277 Vac. And has not been evaluated for isolation from secondary (output) circuits.

For models T1M1UNVXXXX-100A, the interface circuit has been evaluated for isolation from primary (input) and from secondary (output) circuits. with spacing based on the maximum rated branch supply, 277 Vac.

The dimmer interface has been evaluated as Class 2 output.

The dimmer interfaces for models T1M1UNVXXXX-15F and T1M1UNVXXXX-30F are provided with push-in terminals for connection. These terminals are intended for use with 22-16 AWG solid copper conductors with 9~12.5 mm strip length.

The dimmer interface for model T1M1UNVXXXX-100A is provided with connector for connection.

10. For models T1M1UNVxxxx-15F, T1M1UNVxxxx-30F, T1T1120xxxx-30C, T1T1120xxxx-30L, based on maximum voltage restrictions for Class 2 circuits in the Canadian Electrical Code, the output cannot be accessible. These products have accessible output terminals. The output terminals of the end product should be evaluated to confirm compliance with this accessibility requirement, either based on output terminal design or based on manufacturer specifications for its use in restricted access areas only. The latter option will require markings on the end product as well as the installation manual.

11. The maximum leakage current was measured as 0.512 MIU when connected to a supply voltage of 240Vac for models T1UNV0700-200L, T1UNV1000-210L, T1UNV1050-200L. These LED drivers are to be used in a remotely-mounted unit connected and grounded via a fixed supply connection or if the unit is intended to be an integral part of an end-product luminaire with a fixed supply connection and the end-product standard for the luminaire does not require a leakage current measurement when the supply connection is fixed.

12. The enclosure case of the driver must be connected to earth ground when installed in the end-use application.