CONDITION OF ACCEPTABILITY

Models: T1M1347XXXP-80L-XXX , T1M1347XXXP-120L-XXX, T1M1347XXXP-160L-XXX, *T1M1UNVXXXP-175L-XXX, T1M1UNVXXXX-88L-XXX , T1M1UNVXXXX-40L-XXX

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

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined UL LLC.

1. Rated output loading for these products was achieved using variable resistive load for model T1M1UNVXXXP-175L-XXX and electronic loads for other models. The temperature tests were performed at nominal 40 ambient. These products were also evaluated at nominal 61°C ambient for model T1M1347XXXP-80L-XXX, 62°C for models T1M1347XXXP-120L-XXX, T1M1347XXXP-160L-XXX, 47°C for model T1M1UNVXXXP-175L-XXX, 52°C for model T1M1UNVXXXX-88L-XXX and 59°C ambient for model T1M1UNVXXXX-40L-XXX. Higher ambient shall be evaluated in end product use.

2. Models T1M1UNVXXXX-88L-XXX and T1M1UNVXXXX-40L-XXX, T1M1347XXXP-80L-XXX, T1M1347XXXP-120L-XXX and T1M1347XXXP-160L-XXX utilize a UL Recognized OBJY2 Class B (130) electrical insulation system.

3. 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 Tref max value (°C). See table below for details:

Model	TC location	Tref max value (°C)
T1M1347XXXP-80L-XXX	Enclosure outer surface, below Q1	90
T1M1347XXXP-120L-XXX, T1M1347XXXP-160L-XXX	Enclosure outer surface, near L2 and D7	90
*T1M1UNVXXXP-175L-XXX	Enclosure outer surface, near C18	85
T1M1UNVXXXX-88L-XXX	Enclosure outer surface, above T2	90
T1M1UNVXXXX-40L-XXX	Enclosure outer surface, near CS2	90

*4. These products are intended for building in. The enclosures have openings for model T1M1UNVXXXP-175L-XXX and have no openings for other models. Acceptability of the LED driver with respect to mounting, spacing, casualty, temperature and segregation is to be determined as part of the end device evaluation.

*5. These products are provided with 18 AWG solid leads for all models excluding model T1M1UNVXXXP-175L-XXX, rated 105°C, 600V minimum for input and output connections. Strain relief was provided by embedding wires in potting compound. Acceptability of the leads relative to secureness, is to be determined as part of the end device evaluation.

Continue.....

CONDITION OF ACCEPTABILITY

Models: T1M1347XXXP-80L-XXX , T1M1347XXXP-120L-XXX, T1M1347XXXP-160L-XXX, *T1M1UNVXXXP-175L-XXX, T1M1UNVXXXX-88L-XXX , T1M1UNVXXXX-40L-XXX

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

*6. Model T1M1UNVXXXP-175L-XXX is provided with wire-connectors for supply and load connection. The leads wires are 18 AWG, stranded leads, 105°C, 600V minimum. Strain relief was provided by embedding wires in potting compound. Acceptability of the leads and connector s relative to secureness, is to be determined as part of the end device evaluation.

7. For models T1M1347XXXP-80L-XXX, T1M1347XXXP-120-L XXX, T1M1347XXXP-160L-XXX, T1M1UNVXXXX-88L-XXX and T1M1UNVXXXX-40L-XXX, these products 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.

   The interface circuit has been evaluated fo r isolation from primary (input) circuits with spacings based on the maximum rated branch supply, 277 Vac for models T1M1UNVXXXX-88L-XXX and T1M1UNVXXXX-40L-XXX, and has NOT been evaluated for isolation form secondary (output) circuit of the product.

   The dimmer interface for models T1M1UNVXXXX-88L-XXX and T1M1UNVXXXX-40L-XXX has been evaluated as Class 2 output.

   The dimmer interface is provided with 18 AWG, 105°C, 600V minimum solid leads for connection.

*8. For model T1M1UNVXXXP-175L-XXX, these products are dimmable using CAN BUS proprietary interface and to set down output current by program.

   This interface is a source, since the product provides the source of supply for the interface.
   The interface circuit has NOT been evaluated for isolation from main circuits.
   The dimmer interface is provided with wire-connectors for connection.

9. The output current of models T1M1347XXXP-80L-XXX, T1M1347XXXP-120L-XXX, T1M1347XXXP-160L-XXX can be programmable set down when connect to “Reset+”/”Reset-“. The control circuit has been evaluated for isolation from main circuits with spacings based on the maximum rated branch supply, 347 Vac.

Continue.....

CONDITION OF ACCEPTABILITY

Models: T1M1347XXXP-80L-XXX , T1M1347XXXP-120L-XXX, T1M1347XXXP-160L-XXX, *T1M1UNVXXXP-175L-XXX, T1M1UNVXXXX-88L-XXX , T1M1UNVXXXX-40L-XXX

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

10. For models T1M1UNVXXXX-88L-XXX and T1M1UNVXXXX-40L-XXX, based on maximum voltage restrictions for Class 2 circuits in the Ca nadian Electrical Code, the output cannot be accessible.

    This product has 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. For model T1M1UNVXXXP-175L-XXX, the maximum leakage current was over the limits. This LED driver is to be used in a remotely-mounted unit connected and grounded via a fixed supply connection or if th e 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 of the driver must be connected to earth ground when installed in the end-use application.