



CONDITION OF ACCEPTABILITY

Models: FHSAC1-UNV-40C-XXX, FHSAC1-UNV-40BLS-XXX

UL Condition of Acceptability - UL file # E313578, when installed in the end use equipment, the following are among the considerations to be made:

1. The product is intended for factory connection only.
2. The Minimum Light Output Test shall be considered in the end product.
3. The product is rated for Damp Location in an ambient of 0°C – 40°C and has been Temperature Tested in a 45°C oven. The need to repeat a Temperature Test shall be considered in the end product.
4. All tests of this report evaluated under emergency LED Driver connected to resistive loads achieved to rating in ELECTRICAL RATINGS. The suitability of this application shall be determined in the end product.
5. The product has not been investigated for use in sealed and gasketed applications. The suitability of using in sealed and gasketed applications shall be determined in the end product.
6. The charging indicator light is LED, and the meaning of indicator light as following:
 - On ----- Charging
 - Off with load illuminated ----- Discharging
 - Derangement signals ----- Refer to Instructions for details.

Models: FHSAC1-UNV-40C-XXX, FHSAC1-UNV-40BLS-XXX

UL Condition of Acceptability - UL file # E342838,

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

1. Rated output loading for these products was achieved using electronic loads. The temperature tests were performed at nominal 40 ambient.
2. These products 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), noted in the product characteristics table.
4. These products are intended for building in. The enclosure for these products have no openings. Acceptability of the LED driver with respect to mounting, grounding or bonding, 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, rated 105°C, 600 V minimum for input and output connections. Dimmer Lead Wire is 20 AWG, 105°C, 600 V minimum. 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.
6. 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 dimmer interface has been evaluated as Class 2 output. The interface circuit has been evaluated for isolation from primary (input) circuits with spacing based on the maximum rated branch supply, 277 Vac.
7. Based on maximum voltage restrictions for Class 2 circuits in the Canadian 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.
8. These products have been evaluated for use in dry and damp locations only.