

Conditions of Acceptability

When installed in the end-use equipment, the following are among the considerations to be made:

1. The outputs of these drivers comply with Class 2 criteria of UL 1310.
2. These drivers are suitable for use in dry or damp locations.
3. When the drivers are installed in the end-use application, the temperature test needs to be conducted and the maximum external housing surface temperature near the transformer, as indicated in ILL-1A, is not to exceed 80°C.
4. These LED drivers shall be operated within their recognized electrical ratings.
5. These LED Drivers housings is R/C (QMFZ2) with "HB" flammability rating, 105 C electrical RTI rating. The housing is not a suitable enclosure. Therefore, the drivers shall be installed in compliance with the mounting, Spacing, casualty, and segregation requirements of the ultimate application.
6. The Primary leads are Style 1015, 18 AWG, rated VW-1, 600 V, 105°C. And, the output leads are Style 1015, No. 20 AWG, or Style 1569, 18 AWG, rated VW-1, 300 V, 105°C. The suitability of these leads is to be determined in the end-use application.
7. The main isolation transformers employ R/C (OBJY2) Class 155(F) insulation system.
8. The need to conduct a leakage current measurement shall be determined in the end-use product.
9. Drivers with maximum measured output voltage of 30 V continuous DC but less than 60 V continuous DC are considered to supply "Class 2 Not Wet, Class 3 Wet." Therefore, if the wiring extends into areas where wet contact is likely, this indicates that Class 3 wiring is required to be used in accordance with Article 725 of the National Electrical Code.

