

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

1. The power supply shall be installed in compliance with the enclosure, mounting, spacing, casualty, temperature, and segregation requirements of the end-use application.
2. All units utilize a Class B insulation system for the isolation transformer.
3. The drivers were temperature tested in a 55°C oven. The maximum temperature on the enclosure, above T2, was 87.7°C for Model AC-50CD1.4UV-TS, AC-50CD1.6UV-TS (represents models and AC-40CD1.4UV-QS), 83.1°C for Model AC-30C833UV, AC-30C833ABNV, AC-30C833ABPP, AC-30C833ASQ, 78.6°C for Model AC-21CD1.4UV and AC-15CD440UV, AC-15CD440ABNR, AC-12CD350ABSZ, 83.1°C for Model AC-60CD2.5UV-QS, 86.6°C for Model AC-17C700BM, 88.0°C for model AC-43CD1.8UVBTT (represents AC-23CD1.15UVTS, AC25CD1.05ATEAR and AC32CD1.05AQBAW, AC-29CD950AQBKP, and AC-35C1.0AUA)

Model (represents models AC-35CD1.75ARDR, AC-26CD1.75ATS, AC-40CD1.05BCW, AC-40CD1.05BFN, AC-30CD740BLR and AC-40CD1.05BTLY) was tested in a 50°C ambient. The maximum temperature measured on the enclosure above T2 was 79°C.

Model AC36CD1.8ATBTEH, AC-26CD1.75AVC (represents models AC-18CD900BDEHG, AC-18CD900BTTEG, AC18CD900BTBTEG, AC-9CD450AEHF, and AC-9CD450BEHF) was tested in a 50°C ambient. The maximum temperature measured on the enclosure above T2 was 81°C.

Model AC36CD1.8BTBTEH, AC-36CD1.8BTTEH (represents model AC-46CD1.7BDTEF, AC46CD1.7BDBTEF) was tested in a 40°C ambient. The maximum temperature measured on the enclosure above T2 was 76°C.

Model AC-50CD1.4BTMS (represents model AC-50CD1.4BTMS) was tested in a 55°C ambient. The maximum temperature measured on the enclosure backside of T2 was 71.9°C.

Model AC-47CD1.8ATPA was tested in a 40°C ambient. The maximum temperature measured on the enclosure backside of T2 was 75.0°C.

Model AC-47CD1.8BTPA was tested in a 40°C ambient. The maximum temperature measured on the enclosure backside of T2 was 75.3°C.

4. The products were tested while connected to a 20A branch circuit. Additional testing shall be considered in the end-use product if used on a branch circuit greater than 20A.
5. The products are provided with input and output pigtail leads. The suitability of the leads shall be determined in the end-use application.
6. Tests were conducted using resistive and/or electronic loads.
7. The enclosure is required to be grounded in the end-use application. Proper grounding shall be evaluated during the end-product installation since the unit only employs functional bonding to the case.

8. Models AC-40CD1.05ATBAE, AC-40CD1.05UVTS, AC-40CD1.05ATAE
AC-40CD1.05ATSD, AC-50CD1.4AQM, AC-50CD1.4UV-TS, AC-50CD1.6UV-TS
AC-50CD1.4ATTR, AC-40CD1.4APSC, AC-40CD1.4AQRQ, AC-40CD1.4ADBQP,
AC-40CD1.4AQL, AC-40CD1.4UV-QS, AC-40CD1.67AQCZ, AC-40CD1.4AQKE,
AC-40CD1.4APKV, AC-40CD1.4APBKV, AC-40CD1.4APMZ, AC-50CD2.5ARDQ,
AC-60CD2.5UV-QS, AC-15CD440UV, AC-15CD440ABNR, AC-12CD350ABSZ,
AC-21CD1.4UV, AC-23CD1.15UVTS, AC25CD1.05ATEAR, AC-
43CD1.8UVBTT, AC32CD1.05AQBAA, AC-29CD950AQBKP, AC-35C1.0AUA,
AC-50CD1.4BTMS, AC-47CD1.8ATPA and AC-47CD1.8BTPA are provided with a
0-10 V dimming circuit where testing utilized the 10 Volt OC condition
as the worst case output condition.
9. Models AC-40CD1.05BCW, AC-40CD1.05BFN, AC-30CD740BLR,
AC-40CD1.05BTLY, AC-40CD1.05BFN, AC-30CD740BLR and AC-50CD1.4BTMS
Comply with LVLE requirements per CSA Informs Ref. No. I13-020, and
therefore can be marked Class 2 for Canada. These outputs shall not be
accessible which shall be determined in the end-use application.