

Engineering Conditions of Acceptability

For use only in or with complete equipment where the acceptability of the combination is determined by UL LLC. When installed in an end-product, consideration must be given to the following:

- The following Production-Line tests are conducted for this product : Earthing Continuity, Electric Strength - AC Models only
- The following secondary output circuits are SELV : Output (all models except model PC-0360-160-x)
- The front bezel complies with the requirements for a : decorative part
- The investigated Pollution Degree is : 2
- The maximum investigated branch circuit rating is : 20 A
- The power supply terminals and/or connectors are : Not investigated for field wiring.
- Proper bonding to the end-product main protective earthing termination is : Required
- An investigation of the protective bonding terminals has : Been conducted
- The following input terminals/connectors must be connected to the end-product supply neutral : Input Terminal (marked "N")
- The following end-product enclosures are required : Mechanical, Fire and Electrical
- The equipment is suitable for direct connection to : AC mains supply (for all AC models)
- The end-product Electric Strength Test is to be based upon a maximum working voltage of : B 1507091: , Primary-SELV: 226 Vrms, 420 Vpk, PC-0224-100-x, Primary-SELV: 305 Vrms, 696 Vpk, PC-0348-200-x:, Primary-SELV: 356 Vrms, 630 Vpk, PC-0360-160-x:, Primary-SELV: 351 Vrms, 692 Vpk
- The following secondary output circuits are at hazardous energy levels : All models except model B 1507091
- The following secondary output circuits are at non-hazardous energy levels : 24 Vdc output (B 1507091)
- The following output terminals were referenced to earth during performance testing : Ground terminal at output.
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJY2 insulation system with the indicated rating greater than Class A (105°C) : Transformers L1 - B 1507091 (Class B, 150-1673), Transformer L2 - PC-0224-100-x (Class F, 150-2055), Transformer L1 - PC-0348-200-x, PC-0360-160-x. (Class F, 150-2047)
- The following components require special consideration during end-product Thermal (Heating) tests due to the indicated maximum temperature measurements during component-level testing : Transformers L1 - B 1507091 (Class B), Transformer L2 - PC-0224-100-x, (Class F), Transformer L1 - PC-0348-200-x, PC-0360-160-x. (Class F)
- The following input terminals were evaluated as suitable for direct connection to the DC Mains Supply : Not applicable for DC models.
- The following secondary output circuits are ELV : 60 V output (PC-0360-160-x).
- Overcurrent protection - Models PC-0348-200-x and PC-0360-160-x has optionally provided fuse on each phase. Overcurrent protection for these models must be investigated in the end product.