

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 signal connections were not investigated for operator access. Additional testing may be necessary in the end use application.
- Temperature of the front metal enclosure has exceeded the allowable temperature limits and should be monitored in the end product. Application of the hot surface marking should be considered.
- The following Production-Line tests are conducted for this product: Electric Strength , Earthing Continuity
- The end-product Electric Strength Test is to be based upon a maximum working voltage of: For PVSX400/24-10Y: Primary-Earthed Dead Metal: 372.8 Vrms, 491.7 Vpk. , For PVSX400/24-20Y: Primary-Earthed Dead Metal: 286.0 Vrms, 508.3 Vpk. For PVSX400/24-40Y: Primary-Earthed Dead Metal: 367.1 Vrms, 550.0 Vpk. For PSVE400/30-25Y (or B 0904030): Primary-Earthed Dead Metal: 413 Vrms, 680 Vpk. For PSVE400/48-20: Primary-Earthed Dead Metal: 420 Vrms, 744 Vpk.
- The following secondary output circuits are SELV: All
- The following secondary output circuits are at hazardous energy levels: All
- The power supply terminals and/or connectors are: Suitable for field wiring
- The maximum investigated branch circuit rating is: 20 A
- The investigated Pollution Degree is: 2
- Proper bonding to the end-product main protective earthing termination is: Required
- An investigation of the protective bonding terminals has: Not been conducted , Previously evaluated under Test Record 1 of the following reports: E213214-A13, E213214-A14, and E213214-A15. ,
- 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): See Table 1.5.1
- The following end-product enclosures are required: Fire , Electrical