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: Electric Strength , Earthing Continuity
- The end-product Electric Strength Test is to be based upon a maximum working voltage of: PVSE 230/24-3 Primary-Earthed Dead Metal: 290Vrms, 714 Vpk , PVSE 230/24-3b Primary-Earthed Dead Metal: 290Vrms, 714 Vpk , PVSE 230/12-6 Primary-Earthed Dead Metal: 266Vrms, 634 Vpk , PVSE 230/24-5 Primary-Earthed Dead Metal: 262Vrms, 770 Vpk , PVSE 230/24-5b Primary-Earthed Dead Metal: 262Vrms, 770 Vpk , PVSE 230/12-10 Primary-Earthed Dead Metal: 256Vrms, 744 Vpk , PVSE 230/24-10 Primary-Earthed Dead Metal: 236Vrms, 474Vpk , PVSE 230/12-15 Primary-Earthed Dead Metal: 208Vrms, 462 Vpk , PVSE 230/48-5 Primary-Earthed Dead Metal: 290Vrms, 530Vpk ,
- The following secondary output circuits are SELV: All
- The following secondary output circuits are at hazardous energy levels: PVSE 230/24-10 Output , PVSE 230/48-5 Output ,
- The following secondary output circuits are at non-hazardous energy levels: PVSE 230/24-3 Output , PVSE 230/24-3b Output , PVSE 230/12-6 Output , PVSE 230/24-5 Output , PVSE 230/24-5b Output , PVSE 230/12-10 Output , PVSE 230/12-15 Output , ,
- 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: Been conducted ,
- The following input terminals/connectors must be connected to the end-product supply neutral: Middle treminal marked "N".
- 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: Mechanical , Fire , Electrical
- The equipment is suitable for direct connection to: AC mains supply
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Temperatures obtained on the metal part of the front enclosure (part of the heatsink) have exceed the allowable limits of 70°C, however, the units are for building in and Hot Surface Marking must be considered in the end product.