

UL 60950-1, First Edition Information technology equipment - Safety- Part 1: General Requirements	
Test item description: DC/DC Converter Trademark: None Model and/or type reference: FEC30-XSYW-z1z1z1z1z1z1, FEC30-XDBW-z1z1z1z1z1z1, where X can be 24 or 48; Y can be 1P5, 1P8, 2P5, 3P3, 05, 12, 15; B can be 12, 15; z1 can be any alphanumeric or blank.	
GENERAL PRODUCT INFORMATION:	
CF1.0	Engineering Conditions of Acceptability
CF1.1	For use only in or with complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc. When installed in an end-product, consideration must be given to the following:
CF1.5	The following secondary output circuits are SELV: All outputs
CF1.7	The following secondary output circuits are at non-hazardous energy levels: All outputs
CF1.11	The power supply terminals and/or connectors are: Suitable for factory wiring only
CF1.13	The investigated Pollution Degree is: 2
CF1.19	The following end-product enclosures are required: Mechanical, Fire
CF2.0	The products were tested on a 3 A time delay fuse protection circuit. If used on a protection circuit greater than this, additional testing may be necessary.
CF2.1	All secondary output circuits are SELV only if circuit meet the limits of Sub-Clause 2.24 in the event of a single failure of any component and insulation of secondary circuit to which it is connected.
CF2.2	The component is intended to be installed in isolated secondary circuit which is seperated from primary circuit by Reinforce or Double insulation.
CF2.3	Maximun normal load applied during heating test for Model FEC30-XDBW-z1z1z1z1z1z1 (X=24, 48; B=12, 15) has been provided with a DC fan 350 LFM (29 CFM) and fan distance 10 cm from the unit applied forced air cooling.
CF2.4	The converter only serves as Functional insulation only.