

## SPECIFIC TECHNICAL CRITERIA

<b>UL 60950-1, First Edition Information technology equipment - Safety- Part 1: General Requirements</b>	
<b>Test item</b> description .....: DC-DC Converter Trademark .....: None Model and/or type reference .....: FEC15-xyzWaaaaaaaa,(x= 24 or 48; y= S or D; z= 3P3, 05, 12, 15, 05P1; a may be any alphanumeric character, "-" or blank for marketing purpose and no impact safety related critical components and constructions.) Rating(s) .....: See Miscellaneous for details.	
<b>GENERAL PRODUCT INFORMATION:</b>	
<b>CF1.0</b>	<b>Engineering Conditions of Acceptability</b>
<b>CF1.1</b>	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:
<b>CF1.3</b>	The end-product Electric Strength Test is to be based upon a maximum working voltage of: Max. Working Voltage: 172 Vpk, 36.2 Vrms(Model FED20-48D15W).
<b>CF1.5</b>	The following secondary output circuits are SELV: All outputs.
<b>CF1.7</b>	The following secondary output circuits are at non-hazardous energy levels: All outputs.
<b>CF1.10</b>	The following output terminals were referenced to earth during performance testing: T1, pin 7, 6
<b>CF1.11</b>	The power supply terminals and/or connectors are: Suitable for factory wiring only
<b>CF1.13</b>	The investigated Pollution Degree is: 2
<b>CF1.19</b>	The following end-product enclosures are required: Mechanical, Fire, Electrical
<b>CF2.0</b>	The component is considered as functional insulation and intended to be installed in an isolated secondary circuit which is separated from primary circuit by Reinforce or Double insulation, additional tests of Humidity Test should be considered in the host product.
<b>CF2.1</b>	The units were tested for an input voltage of 9 to 36 Vdc and 18 to 75 Vdc with no tolerance. If used outside this voltage range, additional testing may be required.
<b>CF2.2</b>	All circuit was evaluated as secondary hazardous voltage level with Functional Insulation, and it is necessary that Basic Insulation shall be considered in the investigation of host product.