DESCRIPTION

PRODUCT COVERED:

USR/CNR DC-DC Converter, Models PM-30ED091, FECX-$X_1X_2X_3$ where X can be 30; X_1 can be 24 or 48; X_2 can be S or T; X_3 can be 1P8, 2P5, 3P3, 05, 12, 15, 0512, 0515, 3312 or 3315.

ELECTRICAL RATING:

Model	Input (dc)		Output (dc)	
	V	A	V	A
FEC30-12S1P5	9-18 or 12	1.429	1.5	6
FEC30-12S1P8	9-18 or 12	1.644	1.8	6
FEC30-12S2P5	9-18 or 12	2.222	2.5	6
FEC30-12S3P3	9-18 or 12	2.857	3.3	6
FEC30-12S05	9-18 or 12	4.219	5	6
FEC30-12S12	9-18 or 12	4.167	12	2.5
FEC30-12S15	9-18 or 12	4.167	15	2
FEC30-12D12	9-18 or 12	4.219	±12	±1.25
FEC30-12D15	9-18 or 12	4.219	±15	±1
FEC30-24S1P5	18-36 or 24	0.694	1.5	6
FEC30-24S1P8	18-36 or 24	0.811	1.8	6
FEC30-24S2P5	18-36 or 24	1.096	2.5	6
FEC30-24S3P3	18-36 or 24	1.41	3.3	6
FEC30-24S05	18-36 or 24	2.083	5	6
FEC30-24S12	18-36 or 24	2.058	12	2.5
FEC30-24S15	18-36 or 24	2.058	15	2
FEC30-24D12	18-36 or 24	2.083	±12	±1.25
FEC30-24D15	18-36 or 24	2.083	±15	±1
FEC30-48S1P5	36-75 or 48	0.342	1.5	6
FEC30-48S1P8	36-75 or 48	0.4	1.8	6
FEC30-48S2P5	36-5 or 48	0.541	2.5	6
FEC30-48S3P3	36-5 or 48	0.696	3.3	6
FEC30-48S05	36-75 or 48	1.029	5	6
FEC30-48S12	36-75 or 48	1.016	12	2.5
FEC30-48S15	36-75 or 48	1.016	15	2
FEC30-48D12	36-75 or 48	1.042	±12	±1.25
FEC30-48D15	36-75 or 48	1.042	±15	±1

Conditions of Acceptability - When installed in the end-product, consideration shall be given to the following:

1. **This component has been judged on the basis of the required spacings in the Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CAN/CSA C22.2 No. 60950-1 and UL 60950-1 First Edition, dated April 1, 2003.**

2. The products were tested on a 5 A time delay fuse protection circuit. If used on a protection circuit greater than this, additional testing may be necessary.

3. All secondary output circuits are SELV and are not hazardous energylevels.

4. The terminals and connectors are suitable for factory wiring only.

5. The equipment has been evaluated for use in a Pollution Degree 2 environment.

6. A suitable Electrical and Fire enclosure shall be provided.

7. The component is intended to be connected to isolated secondary circuit which is separated from primary circuit by Reinforced or Double insulation.

8. **If the input meets all the requirements for ELV, then the output may be considered ELV.**

9. **If the input meets all the requirements for SELV: (Voltage less than 60Vdc), the output may be considered SELV. Output voltage remains within SELV. Single component Failure and Operational Insulation by pass Tests were performed in the Power Converters.**