ONLINE CERTIFICATIONS DIRECTORY

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MURRELEKTRONIK GMBH E207805
FALKENSTRASSE 3
71570 OPPENWEILER, GERMANY

UL 506 Construction, Model MXX and MEXX-Series (2 flange bobbin construction) followed by digits, suffixes "XX" may be replaced by any letters.

UL 506 Construction, Model MXX-Series (3 flange bobbin construction) followed by digits, suffixes "XX" may be replaced by any letters.

UL 506 Construction, Model MXX-Series (2 bobbin construction) followed by digits, suffixes "XX" may be replaced by any letters.

UL 506 Construction, Models MDST-Series: MDST 1200, MDST 1500, MDST 2500, MDST 3500, MDST 5000, MDST 9000, MDST 15000, MDST 25000, MDST 35000, MDST 45000.

UL 506 Construction, Models MTL-Series: MTL 0025-230-400/2x24, MTL 0040-230-400/2x24, MTL 0063-230-400/2x24, MTL 0100-230-400/2x24, MTL 0160-230-400/2x24, MTL 0250-230-400/2x24, MTL 0320-230-400/2x24, MTL 0400-230-400/2x24, MTL 0630-230-400/2x24, MTL 1000-230-400/2x24, MTL 1600-230-400/2x24, MTL 2500-230-400/2x24, MTL 0025-230-400/2x115, MTL 0040-230-400/2x115, MTL 0063-230-400/2x115, MTL 0100-230-400/2x115, MTL 0160-230-400/2x115, MTL 0250-230-400/2x115, MTL 0320-230-400/2x115, MTL 0400-230-400/2x115, MTL 0630-230-400/2x115, MTL 1000-230-400/2x115, MTL 1600-230-400/2x115, MTL 2500-230-400/2x115.

Marking: Company name and model designation.
Last Updated on 2007-08-10

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component transformers, construction only, Models MXX followed by digits. Suffix “XX” may be replaced by any letters.

Constructed with 3 flange bobbin.

Specifications

Input: Max 600 V, and multiple tappings; 50/60 Hz, single phase.

Output: Up to four outputs with max 600 V total, multiple tappings are possible. Max power is 5000 VA.

NOMENCLATURE:

MXX $\frac{\text{aaaa}}{\text{I}}$ $\frac{\text{bb-b'b'}}{\text{II}}$

MXX $\frac{0250}{\text{I}}$ $\frac{240\text{-}415}{\text{II}}$

I - power in VA (max 5000)	Ia – 250 VA
II - input voltage (max 600) with tappings	IIa – 240 and 415 V pri

“XX” may be replaced by any letter for marketing reasons.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE’S USE):

Use - The transformers covered by this Report are intended for use in end-product equipment where the suitability of the combination is to be determined by Underwriters Laboratories Inc.

USR – Indicates investigation to the UL Standard for Low Voltage Transformers – Part 1: General Requirements UL5085-1 First Edition dated April 17, 2006 including revisions through and including June 1, 2007 and Standard for Low Voltage Transformers – Part 2: General Purpose Transformers UL5085-2 First Edition. Dated April 17, 2006 including revisions through and including June 1, 2007. Product is UL Recognized.

CNR – Indicates investigation to the Canadian Standard Low voltage Transformers – Part 1: General Requirements CAN/CSA C22.2 No. 66-1-06 First edition including revisions through and including June 1, 2007 and to the Canadian Standard Low Voltage Transformers – Part 2: General Purpose

Conditions of Acceptability - The following items are to be considered when evaluating the transformer in end-use product.

1. An enclosure must be provided to provide mechanical protection for the transformer and to prevent user contact with uninsulated live parts.

2. Each transformer employs a Class 105 (A) insulation system.

* 3. The Models in the Report comply with the construction requirement of **UL Standard for Low Voltage Transformers – Part 1: General Requirements UL5085-1 First Edition dated April 17, 2006 including revisions through and including June 1, 2007 and Standard for Low Voltage Transformers – Part 2: General Purpose Transformers UL5085-2 First Edition. Dated April 17, 2006 including revisions through and including June 1, 2007 and to the Canadian Standard Low voltage Transformers – Part 1: General Requirements CAN/CSA C22.2 No. 66-1-06 First edition including revisions through and including June 1, 2007 and to the Canadian Standard Low Voltage Transformers – Part 2: General Purpose Transformers CAN/CSA C22.2 No. 66-2-06 First Edition. Dated April 17, 2006 including revisions through and including June 1, 2007**. The dielectric tests were performed to verify isolation. Since the transformers were evaluated for construction only, all performance tests should be conducted in the end-use product.

4. The acceptability of the mounting means shall be determined in the final application.

5. Insulation is provided between the primary and secondary windings based on a maximum working voltage of 600 V maximum.

6. The acceptability of the length, routing, and AWG wire size of primary and secondary leads shall be derermined in the final application.