ONLINE CERTIFICATIONS DIRECTORY

XPTQ2.E182075
Transformers, General Purpose - Component

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Transformers, General Purpose - Component

See General Information for Transformers, General Purpose - Component

MURRELEKTRONIK GMBH E182075
FALKENSTRASSE 3
71570 OPPENWEILER, GERMANY

Autotransformer, Model(s) Autotransformers, Models MDST 1200, MDST 1500, MDST 2500, MDST 3500, MDST 5000, MDST 9000

General Purpose Series, Model(s) Three flange bobbin Series MXX aaaa bbb /ccc; whereas aaaa represents the Power in VA (max 1600), bbb represents the Primary Voltage Rating (100 V - 600 V) and ccc represents the Secondary Voltage Rating (12 V - 600 V).

General Purpose Series, Model(s) Two bobbin Series MXX or MEXX followed by aaaa bb ccc (1600-4000 VA), where "XX" may be replaced by any letters (none safety relevant), "aaaa" stands for Power, "bb" for prim voltage, "ccc" stands for sec voltage

General Purpose Series, Model(s) Two flange bobbin Series MXX or MEXX followed by aaaa bb ccc (max. 2500 VA), where "XX" may be replaced by any letters (none safety relevant), "aaaa" stands for Power, "bb" for prim voltage, "ccc" stands for sec voltage

MTL - Series, Model(s) MTL 0025-230-400/2x115, MTL 0025-230-400/2x24, MTL 0040-230-400/2x115, MTL 0040-230-400/2x24, MTL 0063-230-400/2x115, MTL 0063-230-400/2x24, MTL 0100-230-400/2x115, MTL 0100-230-400/2x24, MTL 0160-230-400/2x115, MTL 0160-230-400/2x24, MTL 0250-230-400/2x115, MTL 0250-230-400/2x24, MTL 0320-230-400/2x115, MTL 0320-230-400/2x24, MTL 0400-230-400/2x115, MTL 0400-230-400/2x24, MTL 0630-230-400/2x115, MTL 0630-230-400/2x24, MTL 1000-230-400/2x115, MTL 1000-230-400/2x24, MTL 1600-230-400/2x115, MTL 1600-230-400/2x24, MTL 2500-230-400/2x115, MTL 2500-230-400/2x24

, "MET Series", Model(s) MET-0030*, MET-0040*, MET-0040230-415/55-0-55, MET-0050*, MET-0063*, MET-0063230-415/55-0-55, MET-0100*, MET-0100230-415/55-0-55, MET-0160*, MET-0160230-415/55-0-55, MET-0250*, MET-0250230-415/55-0-55, MET-0400*, MET-0400230-415/55-0-55, MET-0630*, MET-0630230-415/55-0-55, MET-100*, MET-1000*, MET-1000230-415/55-0-55, MET-1500*, MET-1600*, MET-2000*, MET-250*, MET-2500*, MET-3000*, MET-4000*, MET-500*, MET-5000*, MET-630*, MET-800*

Model(s) Series 86+, Series ME686+, Series ME866+

* - Followed by five or six numbers.

+ - Followed by three numbers.

XX - Suffix "XX" may be replaced by any letters

Marking: Company name or tradename "ART" and model designation.
Last Updated on 2011-09-12

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ONLINE CERTIFICATIONS DIRECTORY

XORU2.E207805
Transformers, Construction Only - Component

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Transformers, Construction Only - Component

See General Information for Transformers, Construction Only - Component

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 Series , General Purpose, Models MXX and MEXX followed by aaaa bb ccc. Suffix “XX” may be replaced by any letters.

Constructed with 2 flange bobbin.

Specifications

Input: min. 100 V - max 600 V, and multiple tappings; 50/60 Hz, single phase.

Output: Up to four outputs with min. 12 V - max 600 V total, multiple tappings are possible. Max power is 2500 VA.

NOMENCLATURE:

MEXX	aaaa	bbb	ccc
I	II	III	IV

Example(s):	MXX	0030	600	/12	MXX	0030	600	/4x12
	I	II	III	IV	I	II	III	IV

I - Series designation
II - Power in VA (max 2500)
III - Primary winding voltage rating
IV - Secondary winding voltage rating, multiple independent secondary coils possible up to four

“XX” may be replaced by any letter for customer/marketing designation.

“E” stands for autotransformer

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 Transformers CAN/CSA C22.2 No. 66-2-06 First Edition. Dated April 17, 2006 including revisions through and including June 1, 2007. Product is C-UL Recognized.

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 un-insulated live parts.

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

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

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

5. All components covered under this Report may be provided with thermal or over current protections, such as Fuses mounted in Fuse Holders or Thermal Cutoffs. Suitability of these protections should be evaluated in the end use application.

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

7. These transformers were submitted and tested for a maximum manufacturer’s recommended ambient (Tmra) of 40°C.

8. All models designated with MEXX have interconnection between Primary and Secondary. There is no insulation between Primary and Secondary.

DESCRIPTION

PRODUCT COVERED:

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

New models MEXX

Constructed with 2 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 1600 VA.

NOMENCLATURE:

MXX	aaaa	bb	b’b’
I	II	III	IV

Example:

MXX	0250	240	-415
I	II	III	IV

I - Series designation
II - Power in VA (max 1600)
III - Primary winding tap voltage
IV - Primary winding voltage rating

“XX” may be replaced by any letter for customer designation.

“E” stands for autotransformer

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 Transformers CAN/CSA C22.2 No. 66-2-06 First Edition. Dated April 17, 2006 including revisions through and including June 1, 2007. Product is C-UL Recognized.

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 determined in the final application.

7. The suitability of the Input and Output connection means shall be determined in the end-use application.

8. All models designated with MEXX have interconnection between Primary and Secondary. There is no insulation between Primary and Secondary.