



XPTQ2.E182075 Transformers, General Purpose - Component

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MURRELEKTRONIK GMBH
FALKENSTRASSE 3
71570 OPPENWEILER, GERMANY

E182075

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.

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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 (T_{mra}) of 40°C.
8. All models designated with MEXX have interconnection between Primary and Secondary. There is no insulation between Primary and Secondary.