

CERTIFICATE

Issued to:
Applicant:
AB TRASFORMATORI S.r.l.
Via Piantada, 6
25036 Palazzolo S/o (BS), Italy

Manufacturer/Licensee:
AB TRASFORMATORI S.r.l.
Via Piantada, 6
25036 Palazzolo S/o (BS), Italy

Product(s) : isolating transformers, single-phase
Trade name(s) : AB TRASFORMATORI
Type(s)/model(s) : TMUL SERIES

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61558-1:2005, EN 61558-2-4:2009;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 3503970

DEKRA hereby grants the right to use the ENEC KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: 16 April 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3503970.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



P.W. Huige
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

| | | |
|-------------------------------|---|---|
| product | : | isolating transformers, single-phase |
| trade name(s) | : | AB TRASFORMATORI |
| type(s) | : | TMUL/02A/XXX, TMUL/03A/XXX, TMUL/045/XXX, TMUL/045/XXX, TMUL/04A/XXX, TMUL/05A/XXX, TMUL/063/XXX, TMUL/08A/XXX, TMUL/10A/XXX, TMUL/10B/XXX, TMUL/15A/XXX, TMUL/15A/XXX, TMUL/16A/XXX, TMUL/16B/XXX, TMUL/18B/XXX, TMUL/20A/XXX, TMUL/20B/XXX, TMUL/25A/XXX, TMUL/25B/XXX, TMUL/30A/XXX, TMUL/30B/XXX, TMUL/35B/XXX, TMUL/40A/XXX, TMUL/50A/XXX, TMUL/55A/XXX, TMUL/60A/XXX, TMUL/63A/XXX, TMUL/70A/XXX, TMUL/80A/XXX |
| product | : | Isolating Transformers, single-phase, general purpose, open skeleton, |
| nature of supply | : | alternate current, single phase |
| rated frequency | : | 50-60 Hz |
| rated primary voltage | : | 600 V maximum |
| rated power | : | from 20 VA up to 3500 VA |
| rated secondary voltage | : | from 10 V up to 600 V |
| class | : | N.A. (for building-in) |
| protection degree | : | IP 00 (open skeleton) |
| insulation class | : | B |
| rated and ambient temperature | : | 40 C |
| classification | : | Non-short-circuit-proof isolating transformer. External fuse(s), not provided with the transformers. Time Delay (T), value marked on the marking plate. Fuse(s) in series with secondary winding. |
| other characteristics | : | employing the core of the EI shape, maximum 2 Primary Input Windings, maximum 3 Secondary Outputs Windings, earthed protective screen construction allowed, tapped windings construction allowed (6 maximum primary and 6 maximum secondary) Nomenclature:TMUL /XXX /XXX 1 2 3 1= Basic product type. Always TMUL. 2= Designates the Output Power(related to core dimensions), 3= Designates commercial code (not safety relevant). They can be up to three alphanumeric characters ("/" is not considered as alphanumeric character) |

Product data - type TMUL/02A/XXX

| | | |
|------------------------|---|----------------|
| Max Power (VA) | : | 20 |
| Input Voltage Min-Max | : | 100 - 600 |
| Output Voltage Min-Max | : | 10 - 600 |
| Core Dimension (mm) | : | L 75 T 28 W 63 |