

CERTIFICATE of Conformity



Certificate No.: MK 69253854 0001

Test Report No.: 28232802 005

Certificate Holder: MAKRAI Transformers Kft
Vám u. 3.
2600 Vác
Hungary

Manufacturer: MAKRAI Transformers Kft
Vám u. 3.
2600 Vác
Hungary

Product: Safety isolating and Isolating transformers

Identification: Type designation: See detailed information in Annex.
Legend:
(r): Inherently short-circuit proof transformers
(n): Non-short-circuit proof transformers
(f): Non-inherently short-circuit proof transformer
(with PRI fuse)
BSS: Connection of terminal on PRI-SEC side
BSV: Connection of terminal on PRI side SEC side 40cm
wire
XX; XXX; XXXX: Potential code (1 SEC or more SEC) for
SEC may asymmetrically, marked with secondary fuse
Y: export code „N” - without locking tab
„K” - one locking tab
„KK” - two locking tabs
„B” - standing make

Tested according to: EN 61558-1:2005+A1
EN 61558-2-4:2009
EN 61558-2-6:2009

This certificate refers to the above mentioned product. This is to certify that the test sample is in conformity with the requirements stated above. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date of Issue:

Budapest, 2016.09.12



TÜV Rheinland InterCert Kft. – Product Certification Body — H-1132 Budapest, Váci út 48/A-B — www.tuv.hu

IT_07-D-Pe_4_0

0,6VA - 1,2VA 1,8VA - 10VA 12VA- 60VA 75VA- 100VA	PRI 24V-230V PRI 24V-400V PRI 24V-400V PRI 100V-400V	Safety Isolating Transformers	Isolating Transformers
EI30 series	0,6VA-3,5VA	Secunder Voltage	Secunder Voltage
ME.TRE-0,6.301XX / (r)	ta40°C/B v. ta70°C/F	3V-30V	-
ME.TRE-1,2.302XX / (r)	ta40°C/B v. ta70°C/F	3V-30V	-
ME.TRE-1,8.303XX / (r)	ta40°C/B v. ta70°C/F	3V-30V	-
ME.TRE-2,4.304XX / (r)	ta40°C/B v. ta70°C/F	3V-30V	-
ME.TRE-2,7.305XX / (n)	ta40°C/B v. ta70°C/F	3V-30V	-
ME.TRE-3,5.306XX / (n)	ta40°C/B v. ta70°C/F	3V-30V	-
EI38 series	4,5VA-6VA		
ME.TRE-4,5.381XX/Y / (n)	ta70°C/B	6V-40V	-
ME.TRE-6.382XX/Y / (n)	ta70°C/B	6V-40V	-
EI42 series	6VA-8VA		
ME.TRE-6.421XX/Y / (n)	ta70°C/B	6V-40V	-
ME.TRE-8.422XX/Y / (n)	ta70°C/B	6V-40V	-
EI48 series	10VA-12VA		
ME.TRE-10.481XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
ME.TRE-12.482XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
EI54 series	16VA		
ME.TRE-16.541XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
EI60 series	20VA-25VA-ig		
ME.TRE-20.601XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
ME.TRE-25.602XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
EI66 series	30VA-47VA-ig		
ME.TRE-30.662XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
ME.TRE-40.663XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
ME.TRE-47.664XXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
EI75 series	60VA-75VA-ig		
ME.TRE-60.753XXXX/Y / (n)	ta70°C/B	6V-40V	40V-230V
ME.TRE-75.754XXXX/Y / (n)	ta70°C/B	12V-45V	45V-230V
EI84 series	100VA		
ME.TRE-100.84XXXX/Y / (n)	ta70°C/B	12V-45V	45V-230V
Transformers with primer circuit fuse			
20VA-100VA			
ME.TRE-20.541XX/BSS v. BSV (f)	ta50°C/B	12V-40V	40V-230V
ME.TRE-30.601XX/BSS v. BSV (f)	ta50°C/B	12V-40V	40V-230V
ME.TRE-45.603XX/BSS v. BSV (f)	ta50°C/B	12V-40V	40V-230V
ME.TRE-60.663XX/BSS v. BSV (f)	ta50°C/B	12V-40V	40V-230V
ME.TRE-75.753XX/BSS v. BSV (f)	ta50°C/B	16,5-45V	45V-230V
ME.TRE-100.754XX/BSS v. BSV (f)	ta50°C/B	16,5-45V	45V-230V

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Certification Body

Zoltan Rostas