

ETK TRT8 Isolating three-phase transformer for medical use $V_{cc} > 8\%$

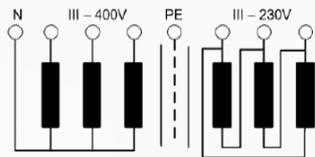
GENERAL INFORMATION

Three-phase transformer with galvanic isolation between primary and secondary, for assembly in medical facilities with an IT system, such as surgical units, ICU, UVI, resuscitation, in accordance with IEC EN 61558-2-15: 2012.

Transformers with a high short-circuit voltage, indicated to allow the use in the primary circuit of the adequate protection against overcurrents and can achieve a correct coordination or selectivity of the protections. In this way it is possible to avoid that short-circuit transients, in one of the powered systems or equipment, may cause the interruption of the electrical supply of the entire installation.

TECHNICAL DATA

POWER	5000VA 8000VA 10000VA
PRIMARY VOLTAGE	400V~
SECONDARY VOLTAGE	230V~
Frequency	50/60Hz
Ambient temperature	40°C
Thermal class	F (155°C)
Protection index	IP 00
Electric shock protection	Clase I
Vector group	YNd5
Connection current	< 8 In
PRI vacuum intensity	< 3%
Short-circuit voltage	> 8,5%
Leakage current	< 40µA
Dielectric strength between primary and secondary	4kV @ 50Hz 1min
Dielectric strength between windings and metallic parts	2kV @ 50Hz 1min



REGULATIONS

IEC EN 61558-2-15:2012
IEC EN 61558-1: 2007



VERSIONS AND DIMENSIONS

REFERENCE	POWER (kVA)	DIMENSIONS (mm)						WEIGHT (kg)
		A	B	C	D	E	Ø	
ETK TRT8 5000	5	360	240	380	320	140	10	55
ETK TRT8 8000	8	420	250	420	350	150	11	79
ETK TRT8 10000	10	420	270	430	350	170	11	90,5

