

## **ELECTRIC SAFETY SOLUTIONS** FOR HOSPITAL FACILITIES

Batteries and transformers for medical use

# ETK TRT8 Isolating three-phase transformer for medical use Vcc>8%

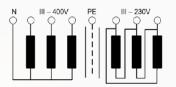
GENERAL INFORMATION

**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 400V~ 230V~				
PRIMARY VOLTAGE					
SECONDARY VOLTAGE					
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				



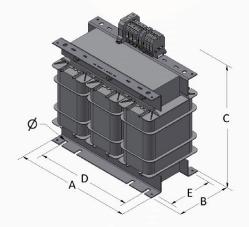
#### REGULATIONS

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



### VERSIONS AND DIMENSIONS

REFERENCE	POWER	DIMENSIONS (mm)						WEIGHT
	(kVA)	А	в	с	D	Е	ø	(kg)
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



CE

electric safety for life

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