

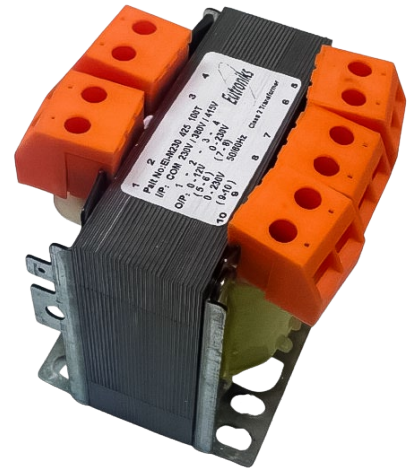
Control Transformer

100VA

Part Number: EI-M230 425 100T

Class 2 Transformer

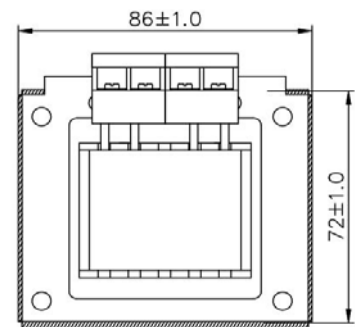
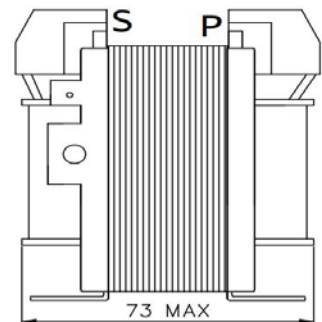
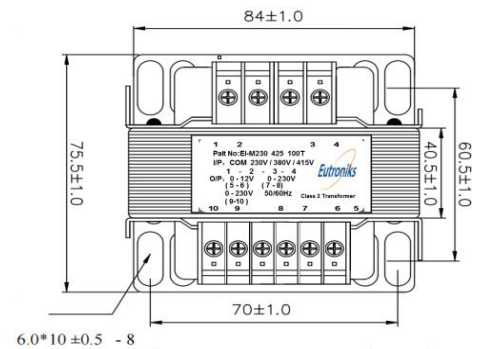
Class B Insulation System



Primary	
Input Voltage	AC 0- 230V-380V-415V 50/60 Hz 1-2-3-4
Exciting Current, Open Circuit	180mA Max
DC resistance	$\pm 10\% \Omega$
Inductance	(1kHz1V) $\pm 20\%$

Secondary - Multi Output	
Lead no 5-6	
Open Circuit Voltage $\pm 5\%$	12.5V $\pm 5\%$
Loaded Voltage $\pm 5\%$	AC 12V @5000mA
Lead no 7-8	
Open Circuit Voltage $\pm 5\%$	240V $\pm 5\%$
Loaded Voltage $\pm 5\%$	AC 230V @100mA
Lead no 9-10	
Open Circuit Voltage $\pm 5\%$	240V $\pm 5\%$
Loaded Voltage $\pm 5\%$	AC 230V @100mA
DC Resistance	$\pm 10\% \Omega$
Inductance	(1kHz 1V) $\pm 20\%$
Rated Continuous Output	100VA

Insulation Resistance	
Primary- Secondary	100M Ω @ DC500V
Primary Core	100M Ω @ DC500V



Dielectric Strength

Primary- Secondary	AC 1.2KV/1mA 1 minute
Primary Core	AC 1.2KV/1mA 1 minute
Secondary Core	AC 0.6KV/1mA 1 minute
Temperature Rise	70°C Maximum

Material Data

BobbinCase	1.1mmPA66	1.1mmPA67
PrimaryWinding	2UEWB	2UEWB
Crossover	Polyester tape3layers	Polyester tape3layers
SecondaryWinding	2UEWB	2UEWB
PrimaryLeads	UL1015AWG18#L	UL1015AWG18#L
SecondaryLeads	UL1015AWG18#	UL1015AWG18#
CoreLamination	SiliconSteel	SiliconSteel
PrimaryLeads	UL1015AWG18#L	UL1015AWG18#L
FRAME bottom	Steel Plated	Steel Plated

Terminals and Wiring

		Input		Output	
Terminal No		1	2	3	4

