

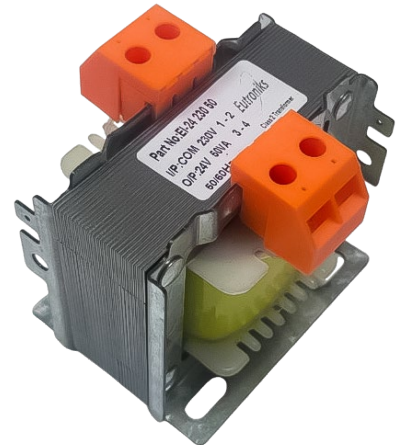
Control Transformer

50VA

Part Number: **EI-24 230 50T**

Class 2 Transformer

Class B insulation System



Primary

Input Voltage	AC 230V 50 Hz 1-2
Exciting Current, Open Circuit	100mA Max
DC resistance	$\pm 10\% \Omega$
Inductance	(1kHz 1V) $\pm 20\%$

Secondary

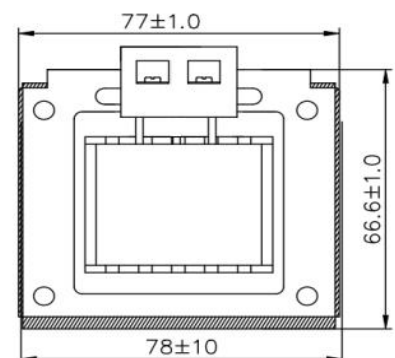
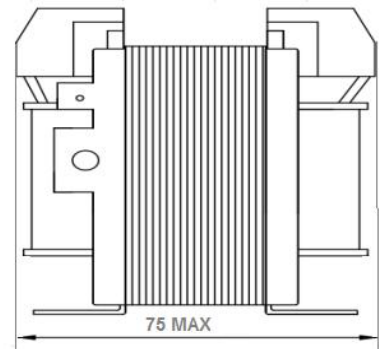
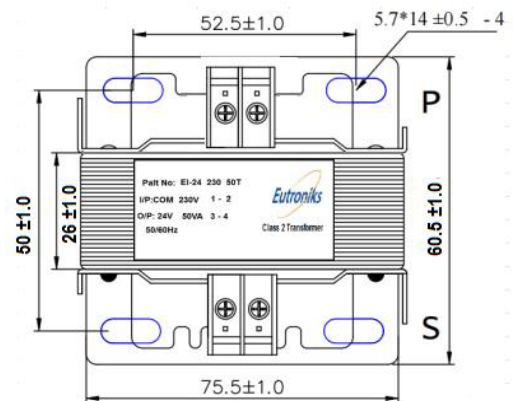
Leads	3 - 4
Open Circuit Voltage $\pm 5\%$	26.4V $\pm 5\%$
Loaded Voltage $\pm 5\%$	AC23.3V @2083mA
DC Resistance	$\pm 10\% \Omega$
Inductance	(1kHz 1V) $\pm 20\%$
Rated Continuous Output	50VA

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

