

# TYPICAL TEST DATA

## LV Dry Type Transformer



**MODEL #: 9T58K0053**

**Underwriters Laboratories Inc. Listed**

### RATINGS

KVA	1.5	Conductor	CU
Frequency (Hz)	60	Phase	1
Primary Voltage	460X230	Secondary Voltage	115
Type	IP	Insulation System (°C)	180
K Factor	1	Temp. Rise (°C)	100

Test	Freq	Sec	Volt	On	Connect	Max Amps	
INDUCE	2400	6	459.52	H3-H4		0.392	
HIPOT	60	6	GROUND CORE + SHIELDS + THERMOSTATS				
Seq	KV	From	TO GROUND +		Connect	Max Amps	
1	4.8	H1	X1		H2-H3	0	
2	3.0	X1	H1		H2-H3	0	

Test	Freq	Volt	On	Connect	Amps		Watts
					Min	Max	Max
OC	60	229.76	H3-H4		0.196	1.958	52.365
Seq	OCV	Lines On	Connect				
1	229.658	H1-H2					
2	117.499	X1-X2					

DC RESISTANCE AT 25 °C								
Seq	From	To	Connect	Resistance (ohm)				
				Cond	Lead	Total	Min	Max
1	H1	H2		0.512349	0.005958	0.518306	0.479434	0.557180
2	H3	H4		0.588692	0.006845	0.595538	0.550872	0.640203
3	X1	X2		0.111243	0.002528	0.113771	0.105238	0.122304

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PERFORMANCE FOR NOMINAL TAPS AT 60HZ AND 120C			
P1(460V) S1(115V)			
%R = 2.9	%X = 1.2	%Z = 3.1	LOAD VOLTS = 114.2
PRI WATTS		SEC WATTS	
NOM = 18.4	MAX = 19	NOM = 26.1	MAX = 26.1