



MARCUS

Marcus Transformer LTD
 Phone: 1-800-267-7376
 Fax: 1-866-205-7526
 Email: Info@marcustransformer.com

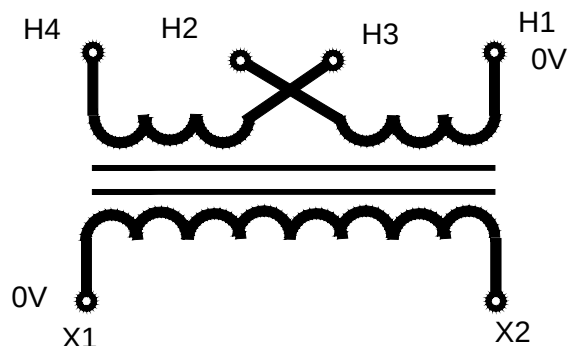
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

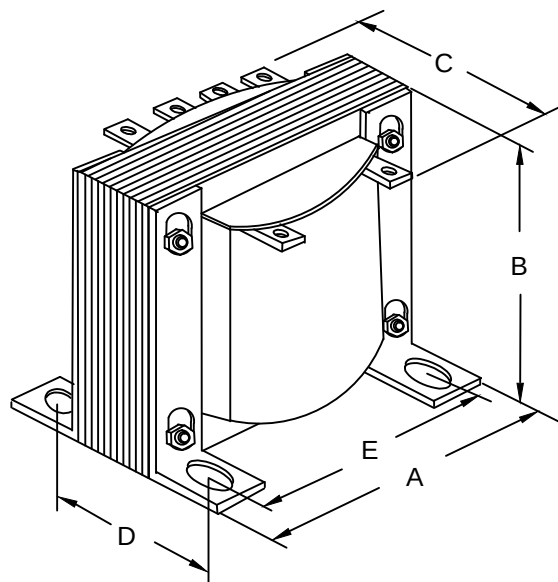
MODEL	MO1KA
Type	Open
VA	1000
Primary (Volts)	120 / 240
Secondary (Volts)	12
Input /Output Amps	8.33 , 4.17 / 83.33
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	H1-H3 AND H2-H4	H1-H4
240	H2-H3	H1-H4
SECONDARY :		
VOLT	CONNECT LINES TO :	
12	X1-X2	



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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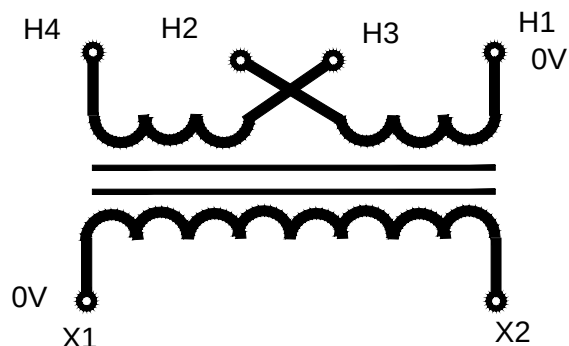
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

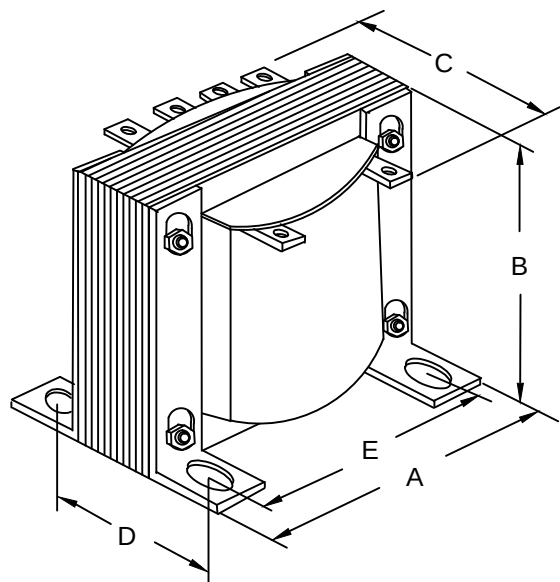
MODEL	MO1KB
Type	Open
VA	1000
Primary (Volts)	120 / 240
Secondary (Volts)	24
Input /Output Amps	8.33 , 4.17 / 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	H1-H3 AND H2-H4	H1-H4
240	H2-H3	H1-H4
SECONDARY :		
VOLT	CONNECT LINES TO :	
24	X1-X2	



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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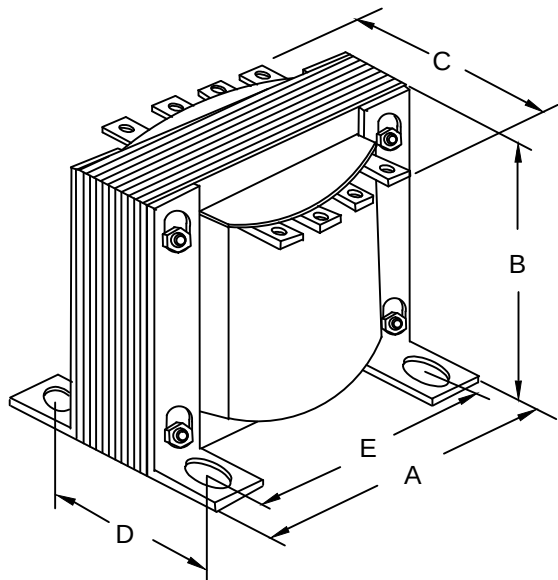
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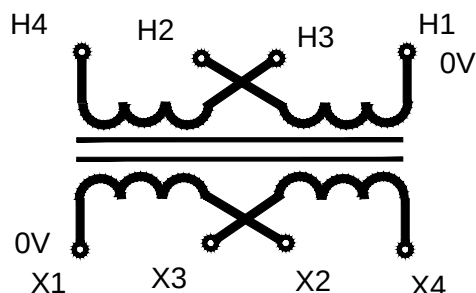
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO1KC
Type	Open
VA	1000
Primary (Volts)	120 / 240
Secondary (Volts)	120 / 240
Input /Output Amps	8.33 , 4.17 / 8.33 , 4.17
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	H1-H3 AND H2-H4	H1-H4
240	H2-H3	H1-H4
SECONDARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	X1-X3 AND X2-X4	X1-X4
240	X2-X3	X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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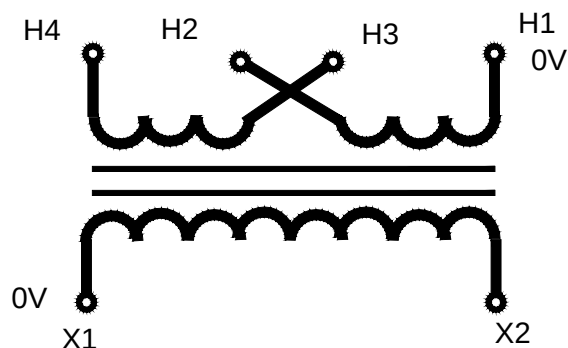
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

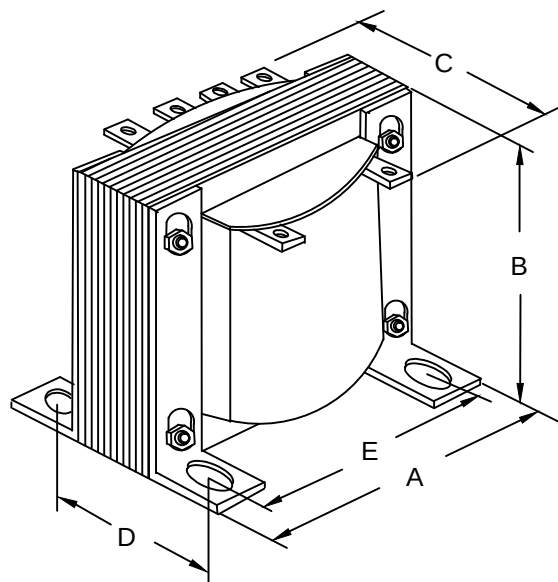
MODEL	MO1KD
Type	Open
VA	1000
Primary (Volts)	208 / 416
Secondary (Volts)	12
Input /Output Amps	4.81, 2.40 / 83.33
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
208	H1-H3 AND H2-H4	H1-H4
416	H2-H3	H1-H4
SECONDARY :		
VOLT	CONNECT LINES TO :	
12	X1-X2	



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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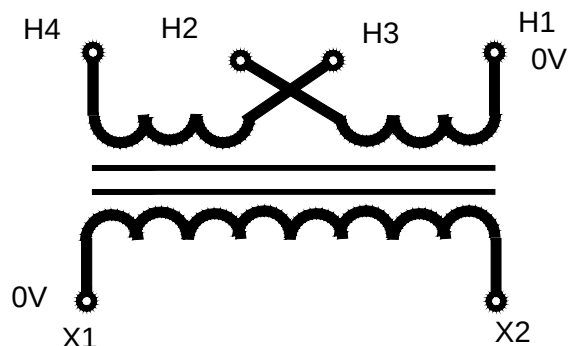
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

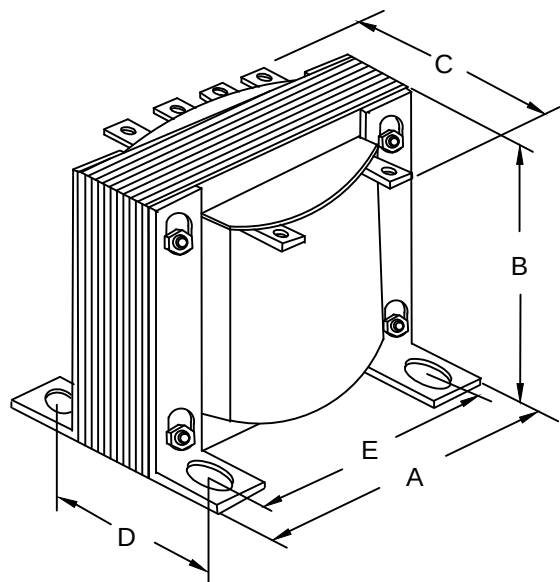
MODEL	MO1KE
Type	Open
VA	1000
Primary (Volts)	208 / 416
Secondary (Volts)	24
Input /Output Amps	4.81 , 2.40 / 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
208	H1-H3 AND H2-H4	H1-H4
416	H2-H3	H1-H4
SECONDARY :		
VOLT	CONNECT LINES TO :	
24	X1-X2	



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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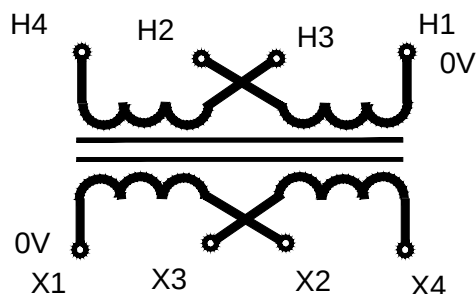
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO1KF
Type	Open
VA	1000
Primary (Volts)	208 / 416
Secondary (Volts)	120 / 240
Input /Output Amps	4.81 , 2.40 / 8.33 , 4.17
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

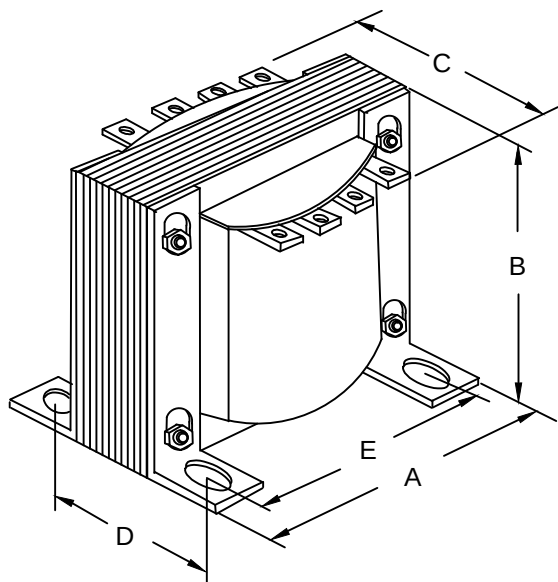


WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
208	H1-H3 AND H2-H4	H1-H4
416	H2-H3	H1-H4
SECONDARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	X1-X3 AND X2-X4	X1-X4
240	X2-X3	X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4



Notes:



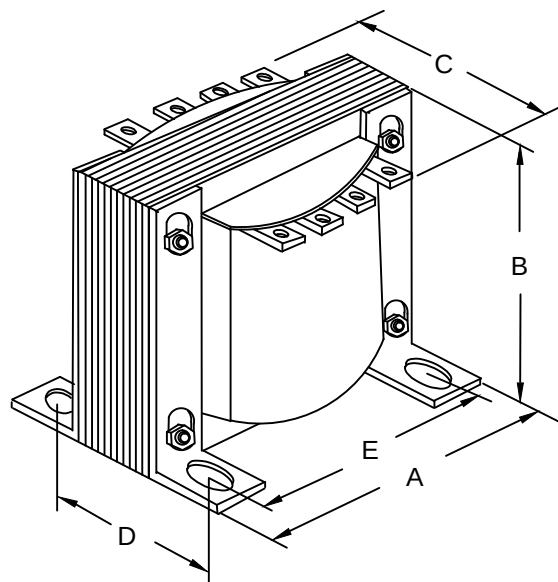
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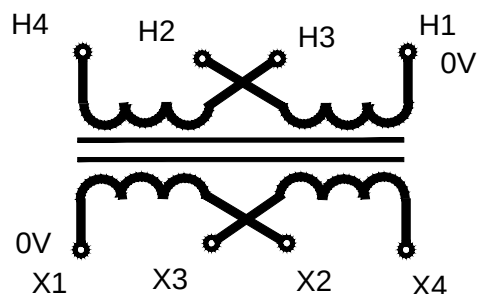
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION	
MODEL	MO1KG
Type	Open
VA	1000
Primary (Volts)	240 / 480
Secondary (Volts)	120 / 240
Input /Output Amps	4.17 , 2.08 / 8.33 , 4.17
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
240	H1-H3 AND H2-H4	H1-H4
480	H2-H3	H1-H4
SECONDARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	X1-X3 AND X2-X4	X1-X4
240	X2-X3	X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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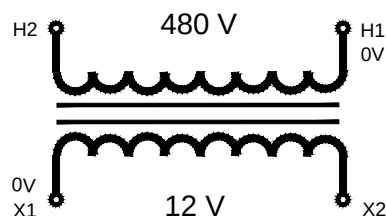
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SINGLE PHASE CONTROL TRANSFORMER

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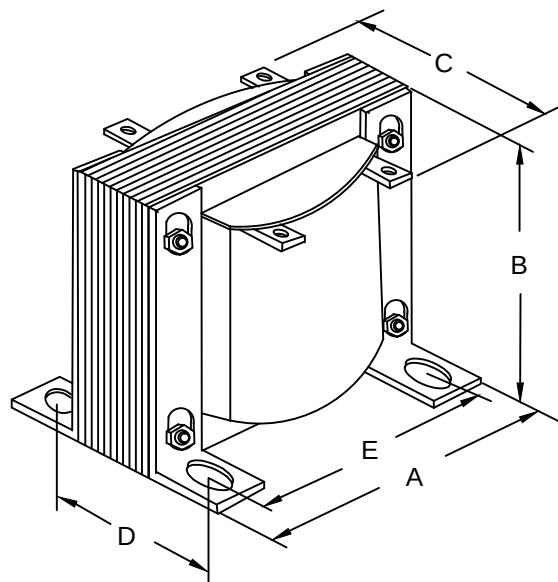
MODEL	MO1KH
Type	Open
VA	1000
Primary (Volts)	480
Secondary (Volts)	12
Input /Output Amps	2.08 / 83.33
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 480	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 12	CONNECT LINES TO : X1-X2



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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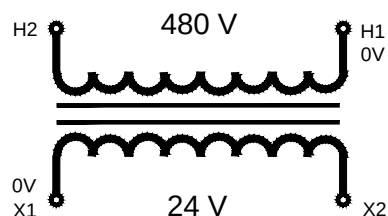
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

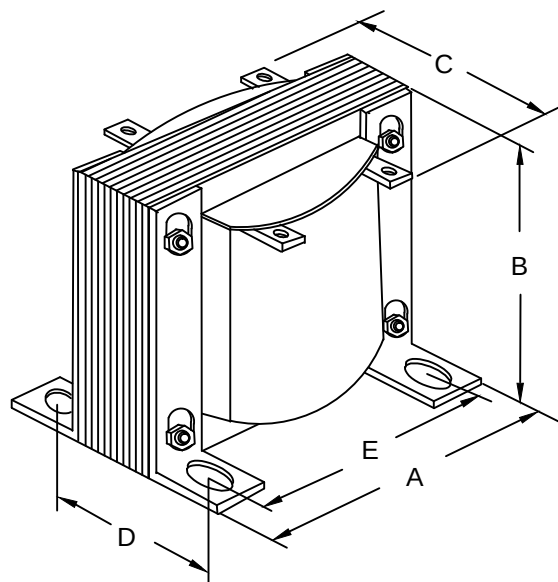
MODEL	MO1KI
Type	Open
VA	1000
Primary (Volts)	480
Secondary (Volts)	24
Input /Output Amps	2.08 / 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 480	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 24	CONNECT LINES TO : X1-X2



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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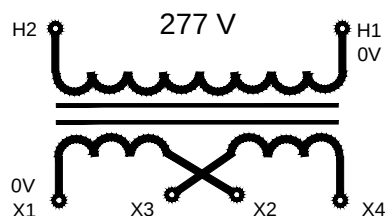
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SINGLE PHASE CONTROL TRANSFORMER

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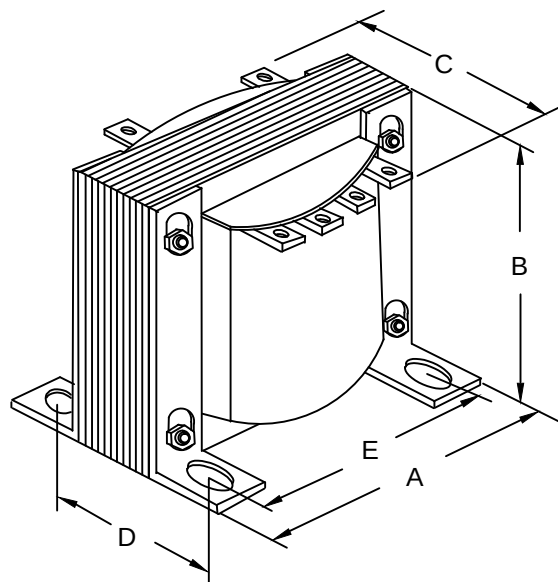
MODEL	MO1KJ
Type	Open
VA	1000
Primary (Volts)	277
Secondary (Volts)	120 / 240
Input /Output Amps	3.61 / 8.33 , 4.17
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS 277	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 120 240 120/240	INTERCONNECT: X1-X3 AND X2-X4 X2-X3 X2-X3	CONNECT LINES TO : X1-X4 X1-X4 X1-X3-X4



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



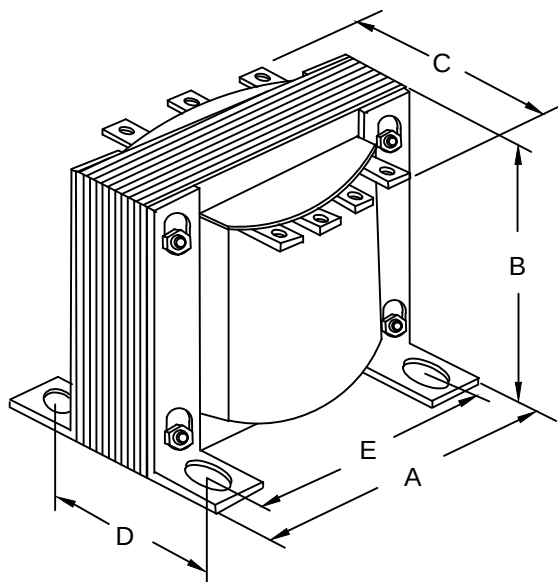
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TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

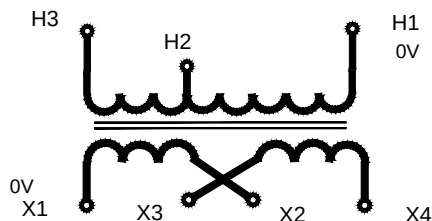
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MODEL	MO1KK
Type	Open
VA	1000
Primary (Volts)	347 / 380
Secondary (Volts)	120 / 240
Input / Output Amps	2.88 , 2.63 / 8.33 , 4.17
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



Primary Tabs

Pos.	H1	H2	H3				
Volts	0V	347	380				

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS 347 380	CONNECT LINES TO : H1-H2 H1-H3	
SECONDARY :		
VOLTS 120 240	INTERCONNECT: X1-X3 AND X2-X4 X2-X3	CONNECT LINES TO : X1-X4 X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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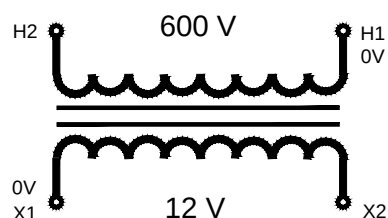
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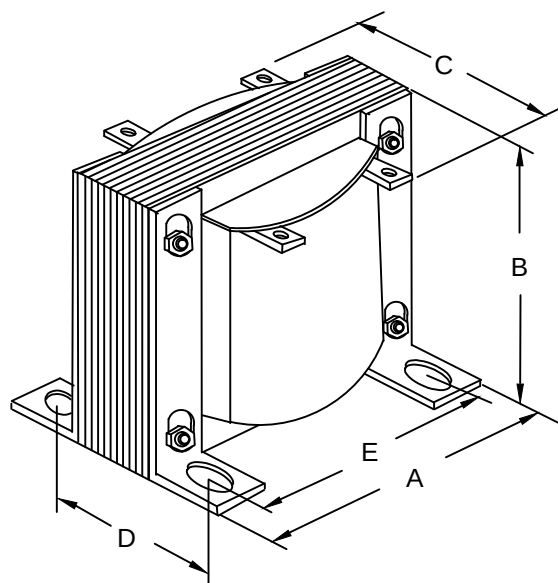
MODEL	MO1KL
Type	Open
VA	1000
Primary (Volts)	600
Secondary (Volts)	12
Input /Output Amps	1.67 / 83.33
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 600	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 12	CONNECT LINES TO : X1-X2



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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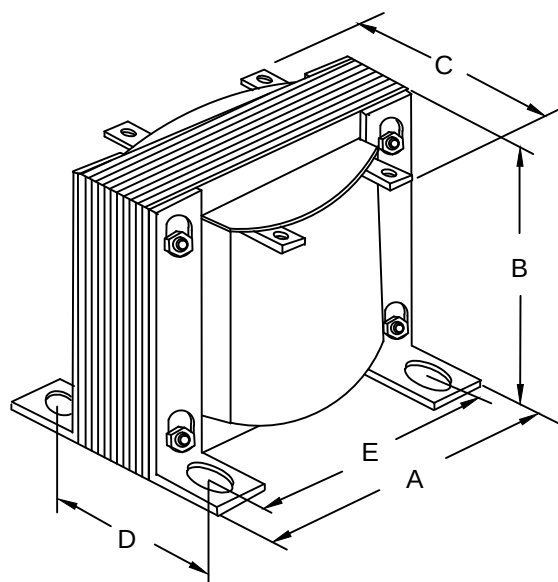
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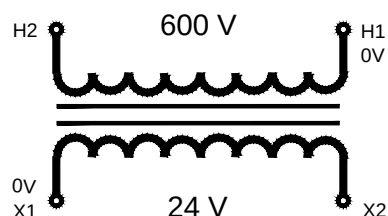
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO1KM
Type	Open
VA	1000
Primary (Volts)	600
Secondary (Volts)	24
Input /Output Amps	1.67 / 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 600	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 24	CONNECT LINES TO : X1-X2

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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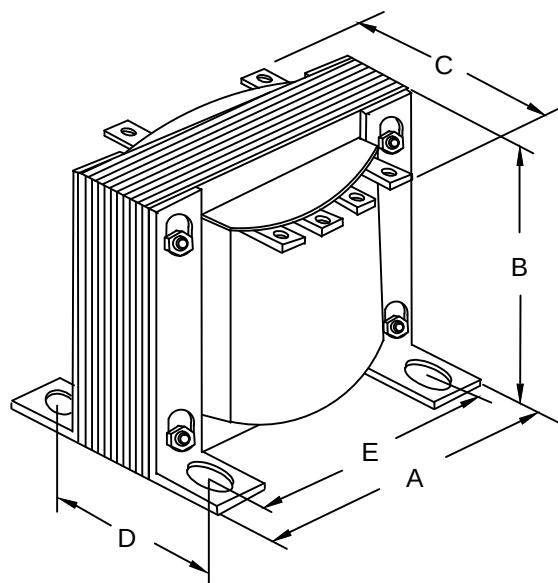
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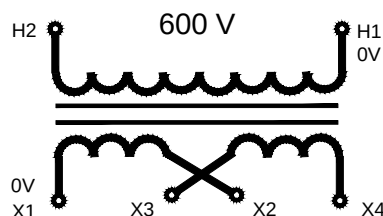
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION	
MODEL	MO1KN
Type	Open
VA	1000
Primary (Volts)	600
Secondary (Volts)	120 / 240
Input /Output Amps	1.67 / 8.33 , 4.17
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS 600	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 120 240 120/240	INTERCONNECT: X1-X3 AND X2-X4 X2-X3 X2-X3	CONNECT LINES TO : X1-X4 X1-X4 X1-X3-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

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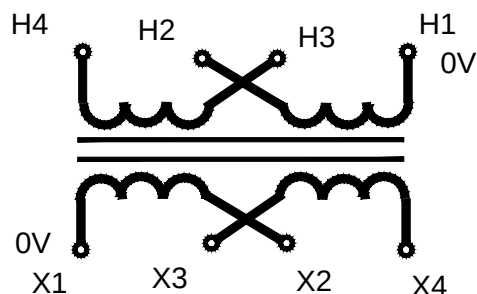
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

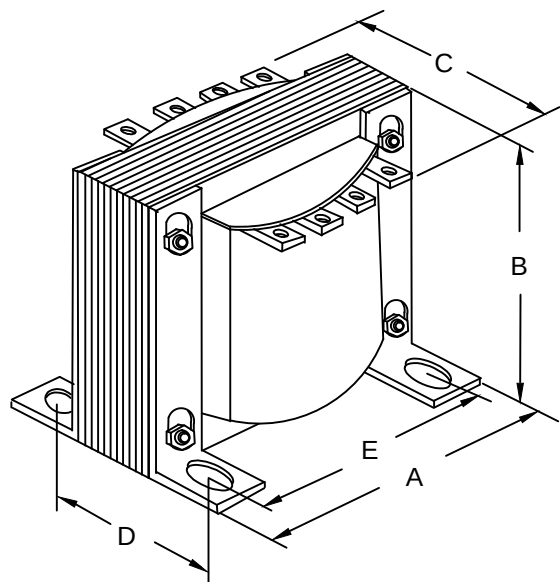
MODEL	MO1KO
Type	Open
VA	1000
Primary (Volts)	120 / 240
Secondary (Volts)	12 / 24
Input /Output Amps	8.33 , 4.17 / 83.33 , 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	H1-H3 AND H2-H4	H1-H4
240	H2-H3	H1-H4
SECONDARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
12	X1-X3 AND X2-X4	X1-X4
24	X2-X3	X1-X4



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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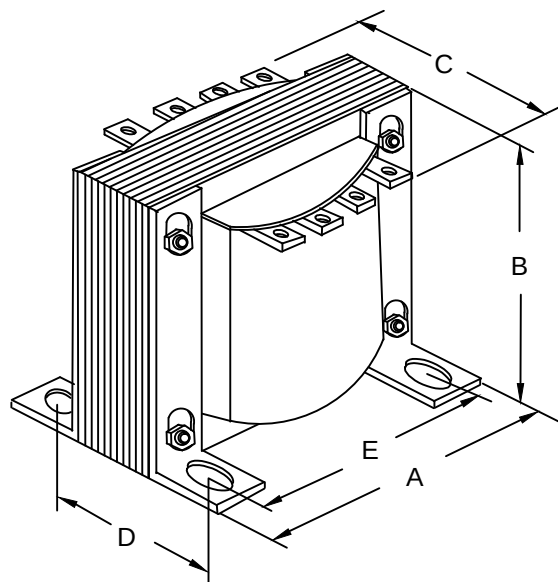
Marcus Transformer LTD
 Phone: 1-800-267-7376
 Fax: 1-866-205-7526
 Email: Info@marcustransformer.com

TECHNICAL DATA

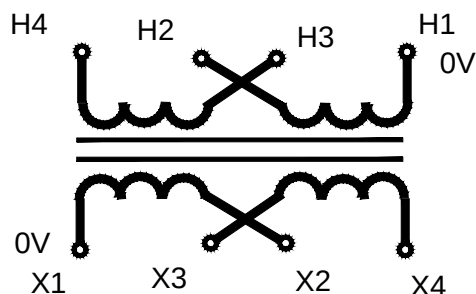
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO1KP
Type	Open
VA	1000
Primary (Volts)	208 / 416
Secondary (Volts)	12 / 24
Input /Output Amps	4.81 , 2.40 / 83.33 , 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
208	H1-H3 AND H2-H4	H1-H4
416	H2-H3	H1-H4
SECONDARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
12	X1-X3 AND X2-X4	X1-X4
24	X2-X3	X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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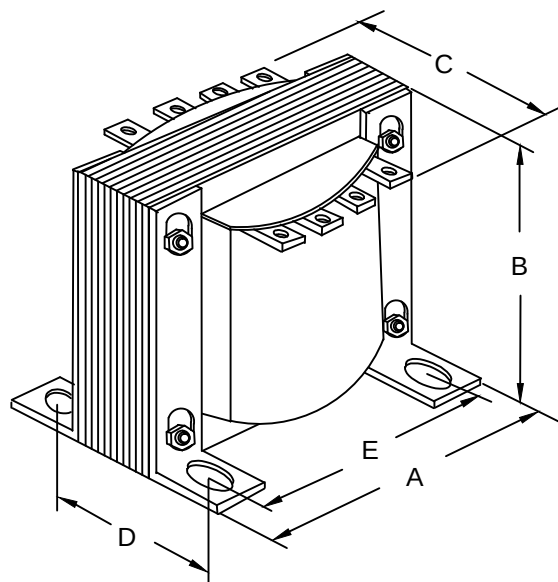
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 Email: Info@marcustransformer.com

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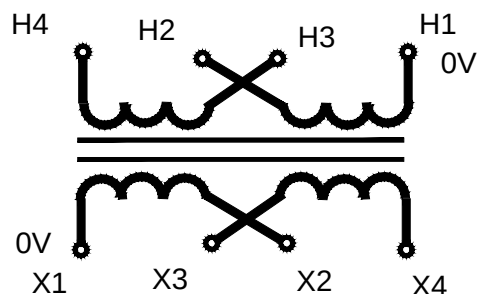
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO1KQ
Type	Open
VA	1000
Primary (Volts)	240 / 480
Secondary (Volts)	12 / 24
Input/Output Amps	4.17, 2.08 / 83.33 , 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
240	H1-H3 AND H2-H4	H1-H4
480	H2-H3	H1-H4
SECONDARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
12	X1-X3 AND X2-X4	X1-X4
24	X2-X3	X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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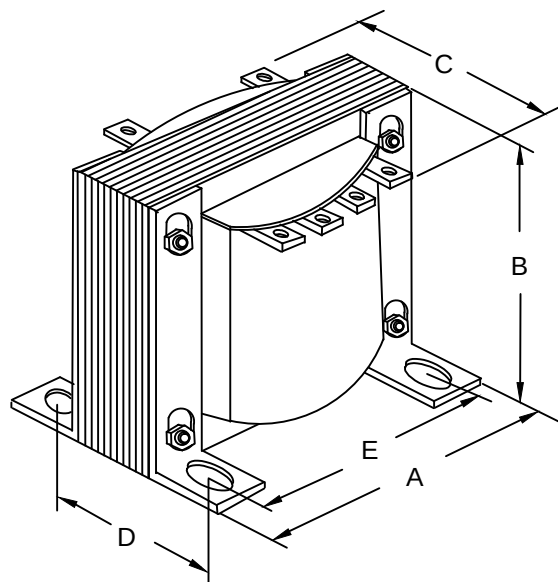
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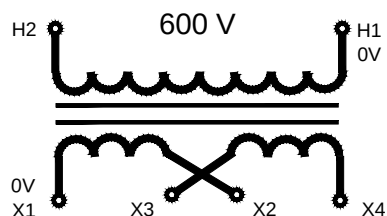
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO1KR
Type	Open
VA	1000
Primary (Volts)	600
Secondary (Volts)	12 / 24
Input /Output Amps	1.67 / 83.33 , 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS 600	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 12 24 12/24	INTERCONNECT: X1-X3 AND X2-X4 X2-X3 X2-X3	CONNECT LINES TO : X1-X4 X1-X4 X1-X3-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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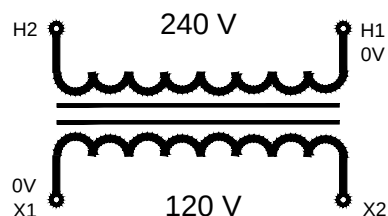
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SINGLE PHASE CONTROL TRANSFORMER

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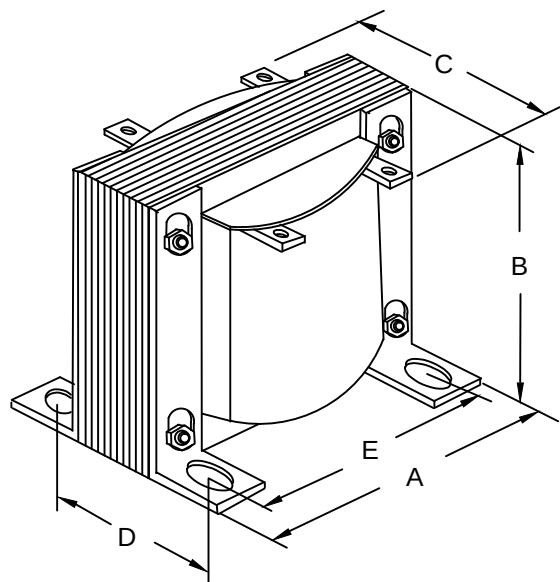
MODEL	MO1KS
Type	Open
VA	1000
Primary (Volts)	240
Secondary (Volts)	120
Input /Output Amps	4.17 / 8.33
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 240	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 120	CONNECT LINES TO : X1-X2



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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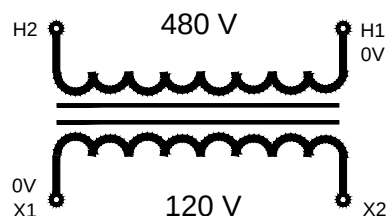
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

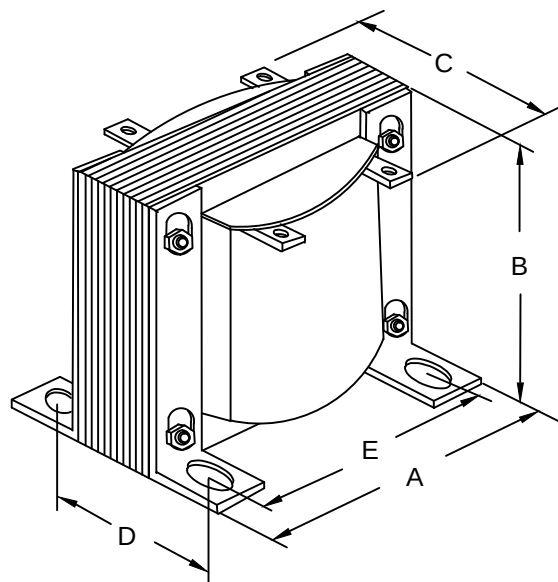
MODEL	MO1KT
Type	Open
VA	1000
Primary (Volts)	480
Secondary (Volts)	120
Input /Output Amps	2.08 / 8.33
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 480	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 120	CONNECT LINES TO : X1-X2



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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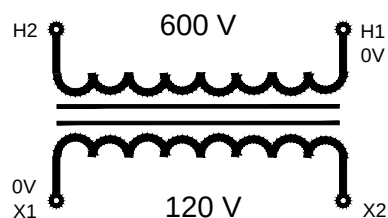
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

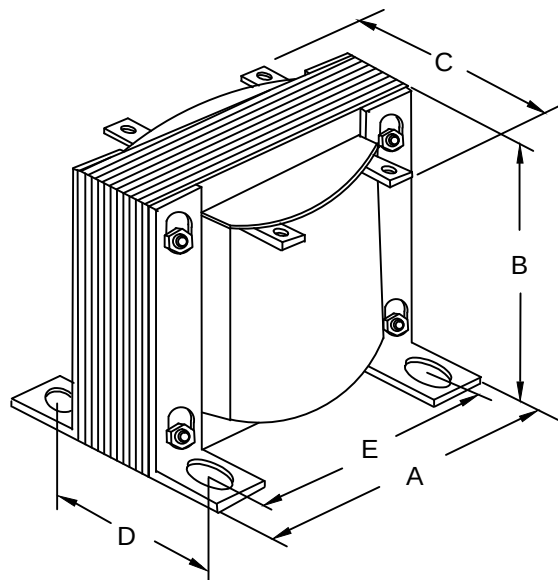
MODEL	MO1KU
Type	Open
VA	1000
Primary (Volts)	600
Secondary (Volts)	120
Input /Output Amps	1.67 / 8.33
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 600	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 120	CONNECT LINES TO : X1-X2



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



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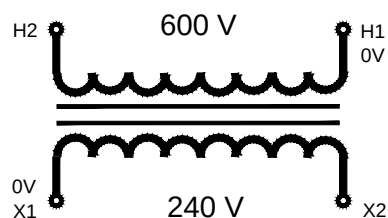
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

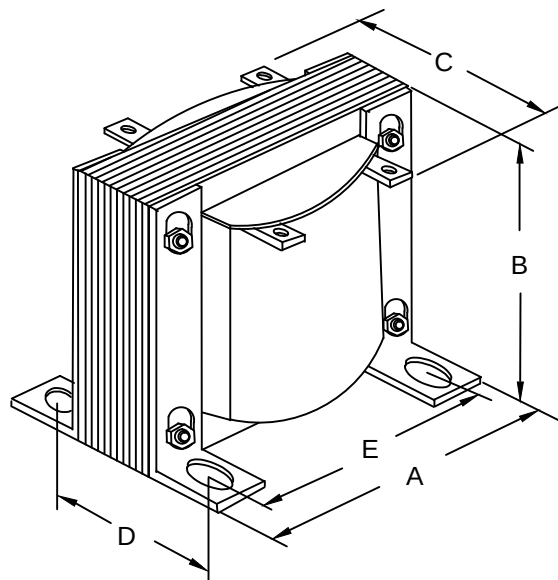
MODEL	MO1KV
Type	Open
VA	1000
Primary (Volts)	600
Secondary (Volts)	240
Input /Output Amps	1.67 / 4.17
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 600	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 240	CONNECT LINES TO : X1-X2



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



MARCUS

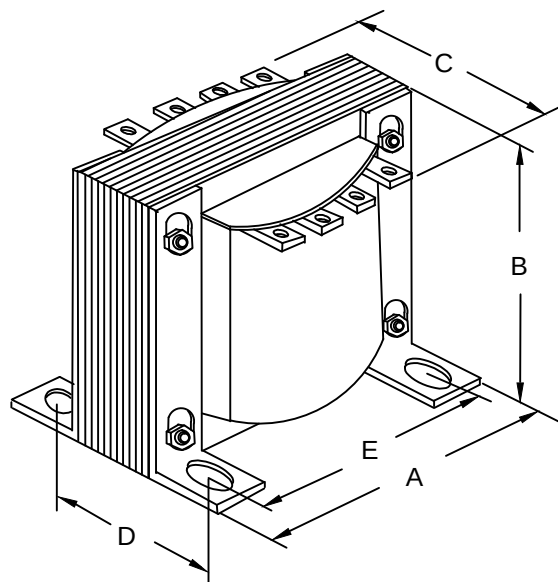
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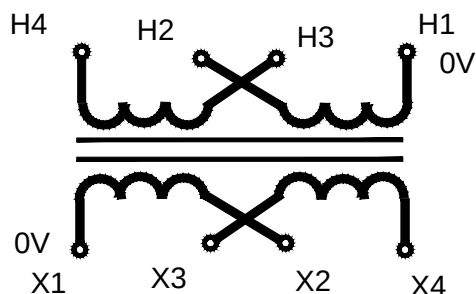
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO1KW
Type	Open
VA	1000
Primary (Volts)	120 / 240
Secondary (Volts)	16 / 32
Input /Output Amps	8.33 , 4.17 / 62.5 , 31.25
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
120	H1-H3 AND H2-H4	H1-H4
240	H2-H3	H1-H4
SECONDARY :		
VOLTS	INTERCONNECT:	CONNECT LINES TO :
16	X1-X3 AND X2-X4	X1-X4
32	X2-X3	X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes:



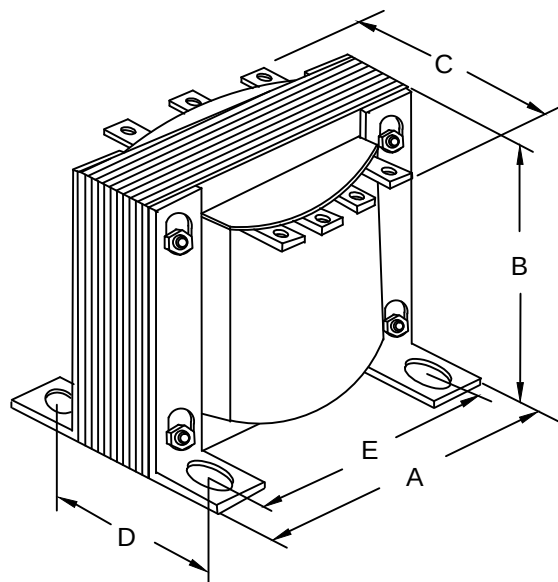
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SINGLE PHASE CONTROL TRANSFORMER

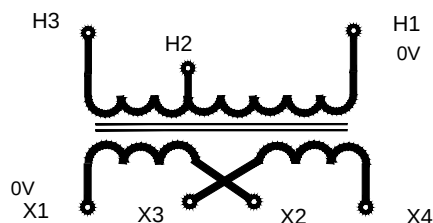
DESCRIPTION	
MODEL	MO1KX
Type	Open
VA	1000
Primary (Volts)	347 / 380
Secondary (Volts)	12 / 24
Input/Output Amps	2.88 , 2.63 / 83.33, 41.67
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



Primary Tabs

Pos.	H1	H2	H3				
Volts	0V	347	380				

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS 347 380	CONNECT LINES TO : H1-H2 H1-H3	
SECONDARY :		
VOLTS 12 24	INTERCONNECT: X1-X3 AND X2-X4 X2-X3	CONNECT LINES TO : X1-X4 X1-X4

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
1000	5.25 133.4	4.38 111.3	6.70 170.2	5.12 130.0	4.38 111.3	0.28 x 0.560 7.1 x 14.2	25.0 11.4

Notes: