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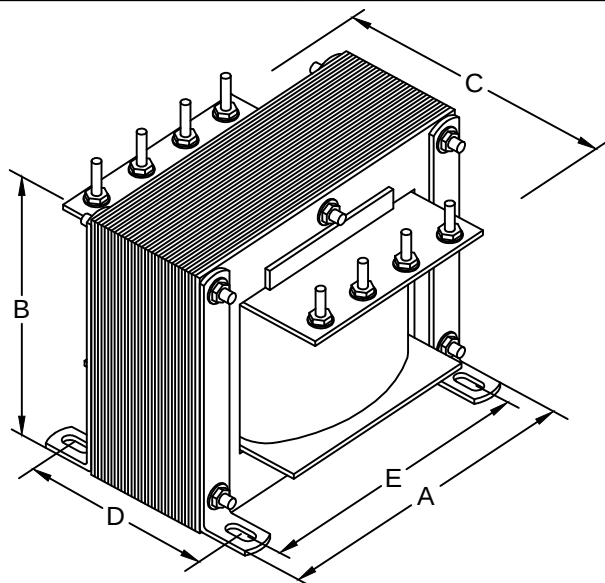
Marcus Transformer LTD
 Phone: 1-800-267-7376
 Fax: 1-866-205-7526
 Email: Info@marcustransformer.com

TECHNICAL DATA

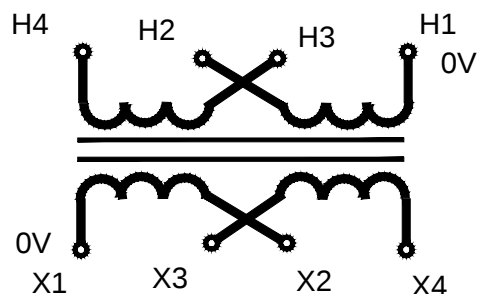
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO5KA
Type	Open
VA	5000
Primary (Volts)	120 / 240
Secondary (Volts)	12 / 24
Input Amps	41.67 / 20.83
Output Amps	416.67 / 208.33
Temperature Rise	100°C
Insulation Class	F (155°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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

Notes:



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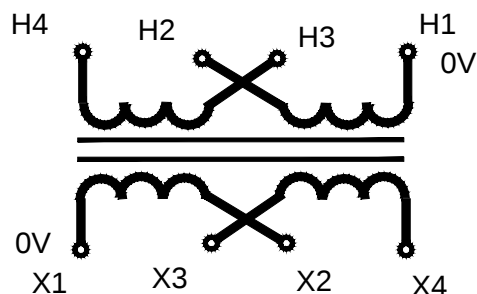
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

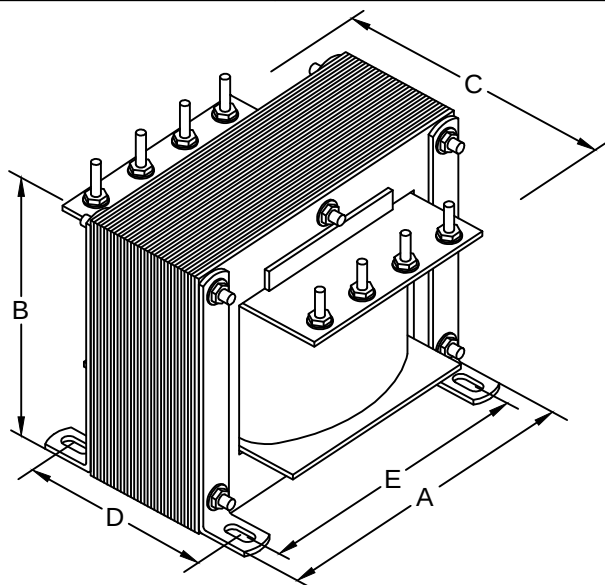
MODEL	MO5KB
Type	Open
VA	5000
Primary (Volts)	120 / 240
Secondary (Volts)	16 / 32
Input Amps	41.67 / 8.33
Output Amps	312.5 / 156.25
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

Notes:



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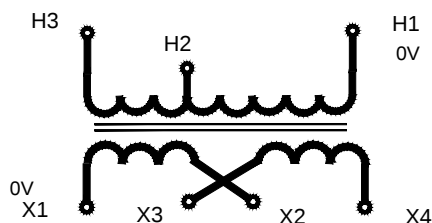
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION	
MODEL	MO5KC
Type	Open
VA	5000
Primary (Volts)	347 / 380
Secondary (Volts)	12 / 24
Input Amps	14.41 / 13.16
Output Amps	416.67 / 208.33
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

Primary Tabs

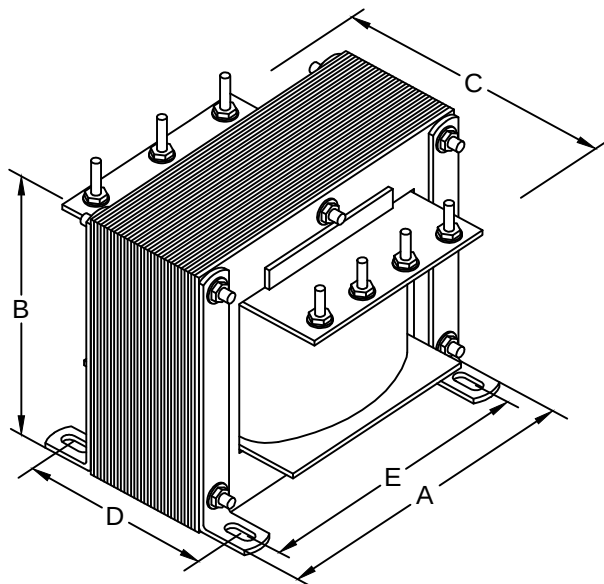
Pos.	H1	H2	H3				
Volts	0V	347	380				

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

Notes:



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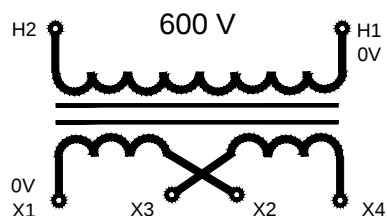
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

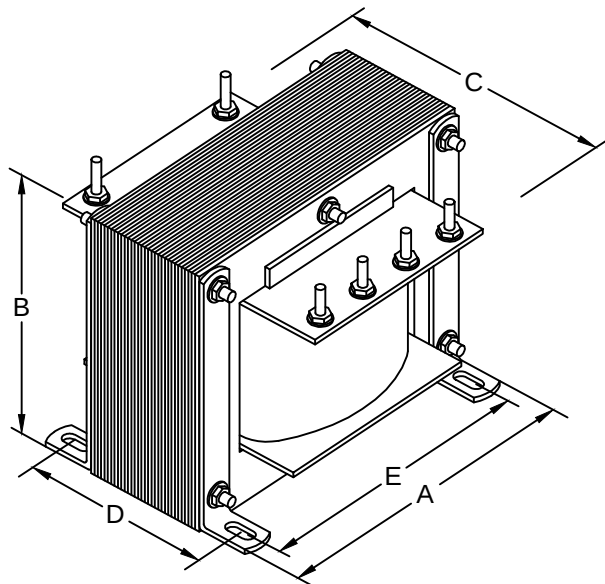
MODEL	MO5KD
Type	Open
VA	5000
Primary (Volts)	600
Secondary (Volts)	12 / 24
Input /Output Amps	8.33 / 416.67 , 208.33
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

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



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

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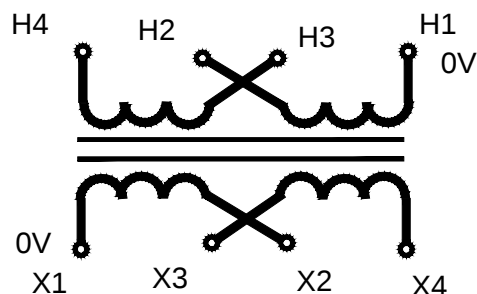
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

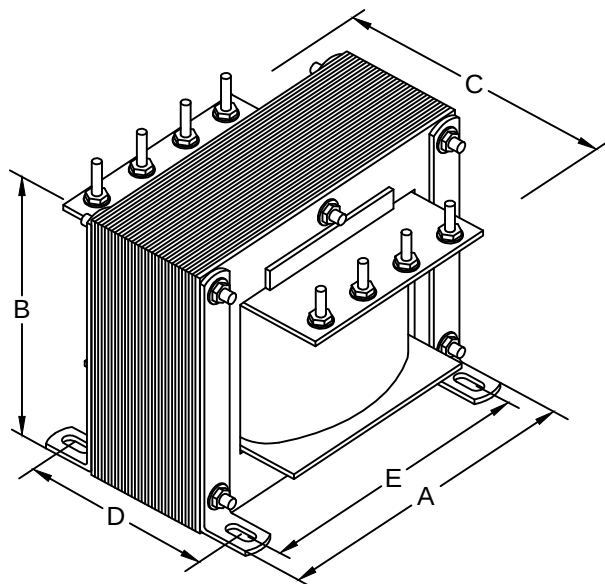
MODEL	MO5KE
Type	Open
VA	5000
Primary (Volts)	120 / 240
Secondary (Volts)	120 / 240
Input Amps	41.67 / 20.83
Output Amps	41.67 / 20.83
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA 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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

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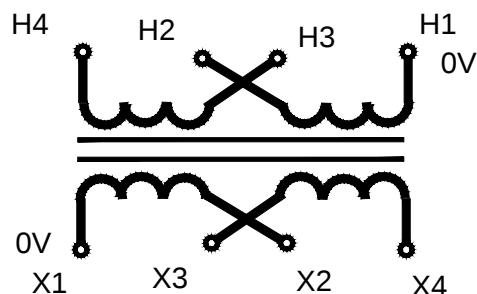
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO5KF
Type	Open
VA	5000
Primary (Volts)	208 / 416
Secondary (Volts)	120 / 240
Input Amps	24.04 / 12.02
Output Amps	41.67 / 20.83
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

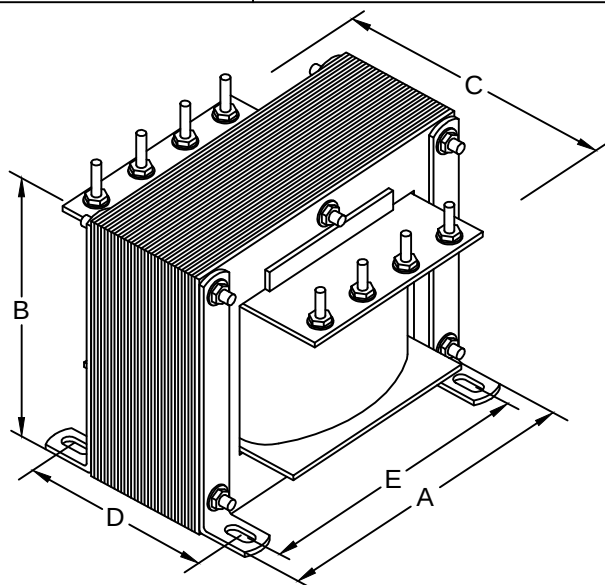


WIRING CONNECTION

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6



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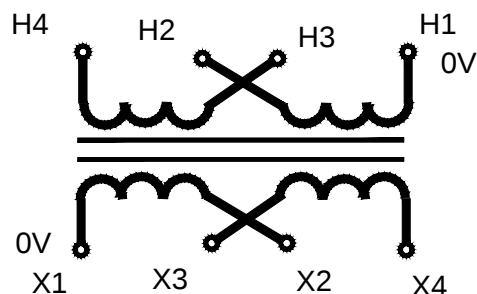
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO5KG
Type	Open
VA	5000
Primary (Volts)	240 / 480
Secondary (Volts)	120 / 240
Input Amps	20.83 / 10.42
Output Amps	41.67 / 20.83
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

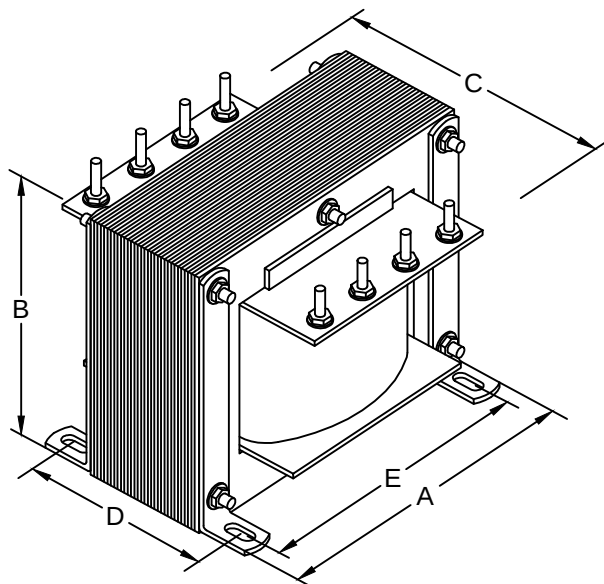


WIRING CONNECTION

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6



Notes:



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TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

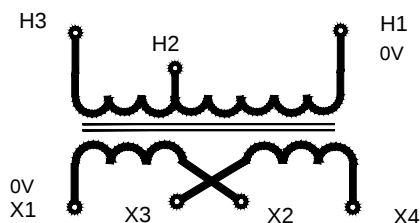
DESCRIPTION

MODEL	MO5KH
Type	Open
VA	5000
Primary (Volts)	347 / 380
Secondary (Volts)	120 / 240
Input Amps	14.41 / 13.16
Output Amps	41.67 / 20.83
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

Primary Tabs

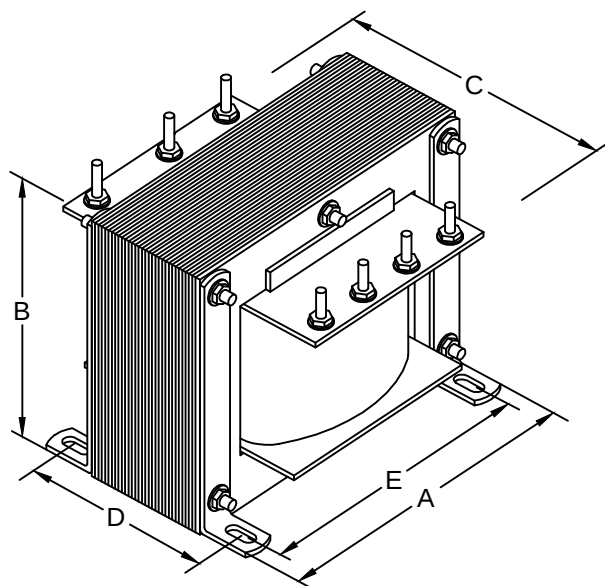
Pos.	H1	H2	H3				
Volts	0V	347	380				

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

Notes:



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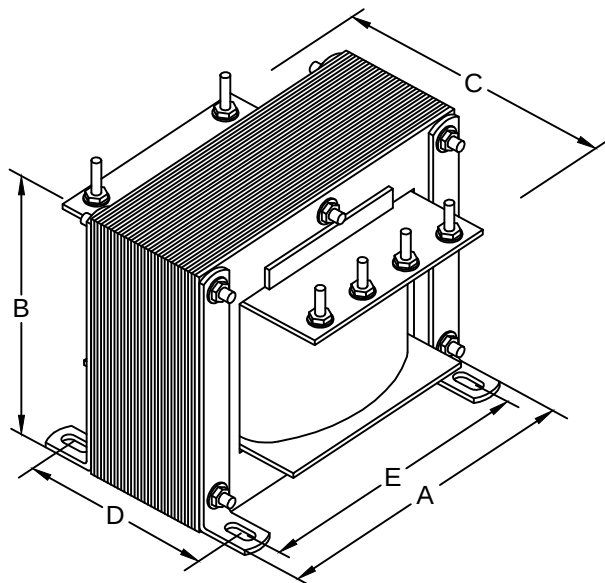
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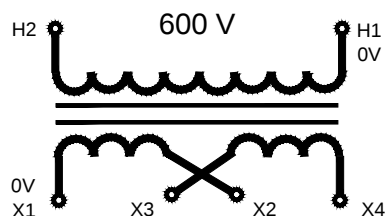
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO5KI
Type	Open
VA	5000
Primary (Volts)	600
Secondary (Volts)	120 / 240
Input/Output Amps	8.33 / 41.67 , 20.83
Temperature Rise	100°C
Insulation Class	F (155°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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

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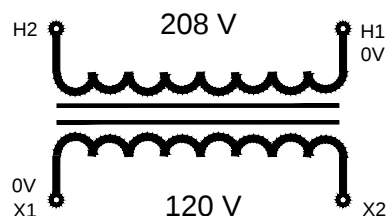
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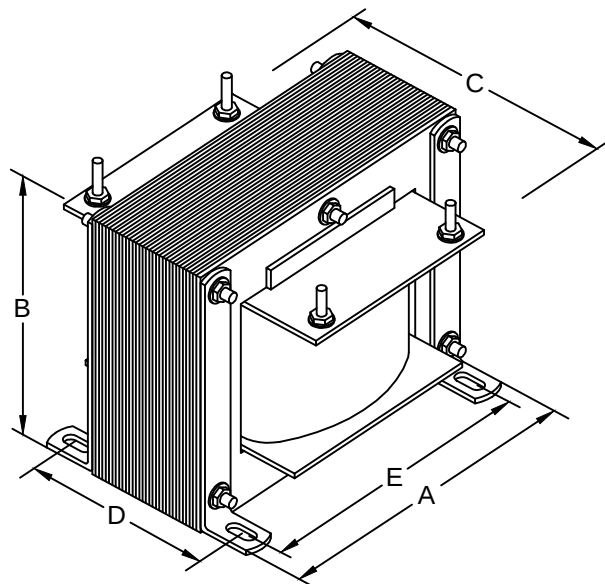
MODEL	MO5KK
Type	Open
VA	5000
Primary (Volts)	208
Secondary (Volts)	120
Input /Output Amps	24.04 / 41.67
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :	
VOLTS 208	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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

Notes:



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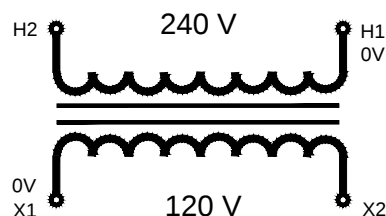
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DESCRIPTION

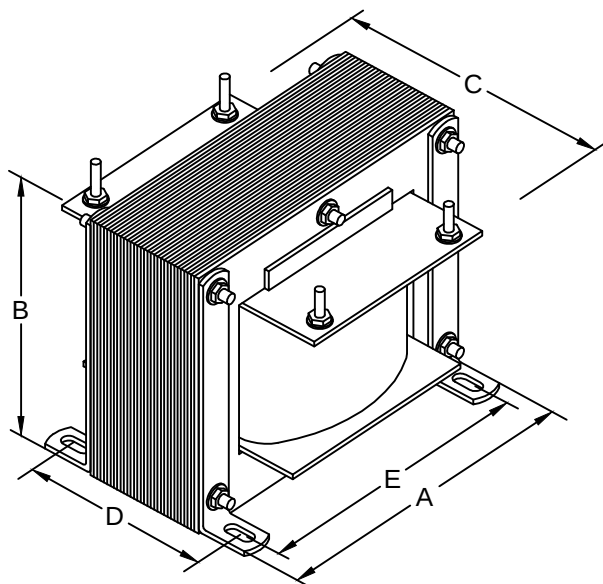
MODEL	MO5KL
Type	Open
VA	5000
Primary (Volts)	240
Secondary (Volts)	120
Input/Output Amps	20.83 / 41.67
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

Notes:



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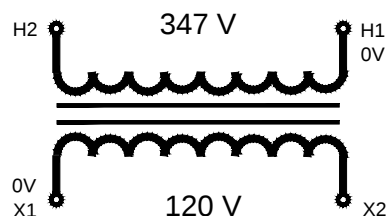
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO5KM
Type	Open
VA	5000
Primary (Volts)	347
Secondary (Volts)	120
Input /Output Amps	14.41 / 41.67
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

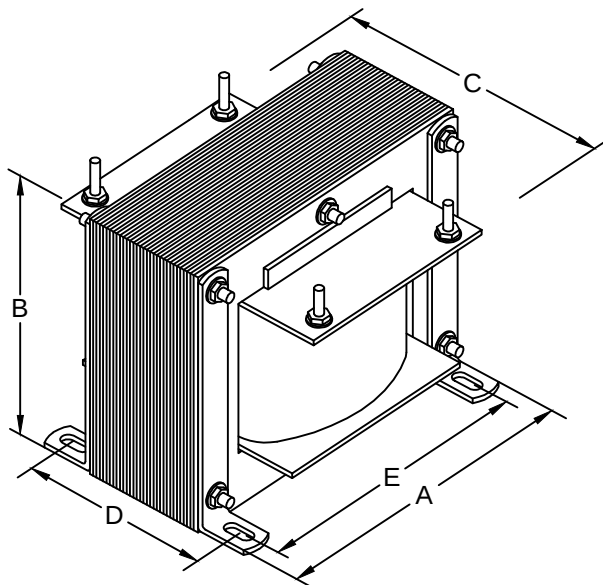


WIRING CONNECTION

PRIMARY :	
VOLTS 347	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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6



Notes:



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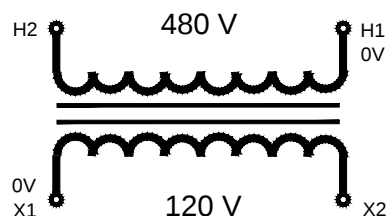
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

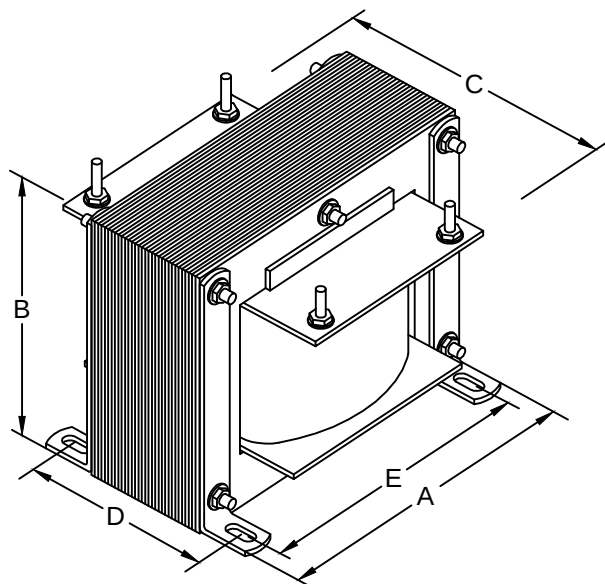
MODEL	MO5KN
Type	Open
VA	5000
Primary (Volts)	480
Secondary (Volts)	120
Input /Output Amps	10.42 / 41.67
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

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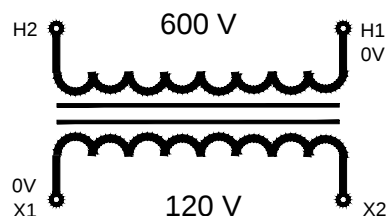
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

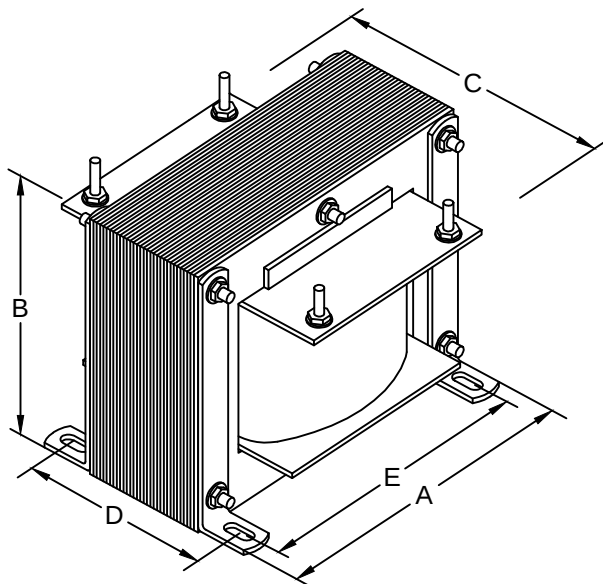
MODEL	MO5KO
Type	Open
VA	5000
Primary (Volts)	600
Secondary (Volts)	120
Input /Output Amps	8.33 / 41.67
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
5000	9.00 228.6	8.00 203.2	9.75 247.7	6.50 165.1	8.00 203.2	0.31 x 0.688 7.9 x 17.5	91.0 41.6

Notes: