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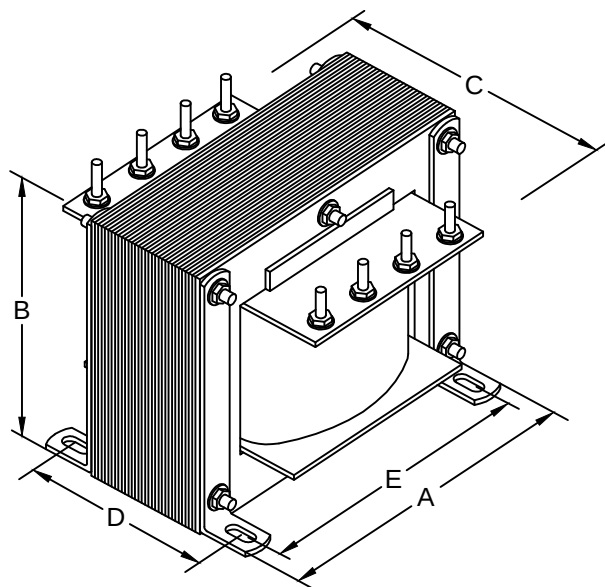
Marcus Transformer LTD
 Phone: 1-800-267-7376
 Fax: 1-866-205-7526
 Email: Info@marcustransformer.com

TECHNICAL DATA

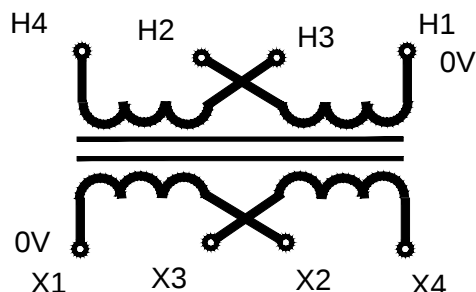
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO3KA
Type	Open
VA	3000
Primary (Volts)	120 / 240
Secondary (Volts)	12 / 24
Input Amps	25.0 / 12.5
Output Amps	250.0 / 125.0
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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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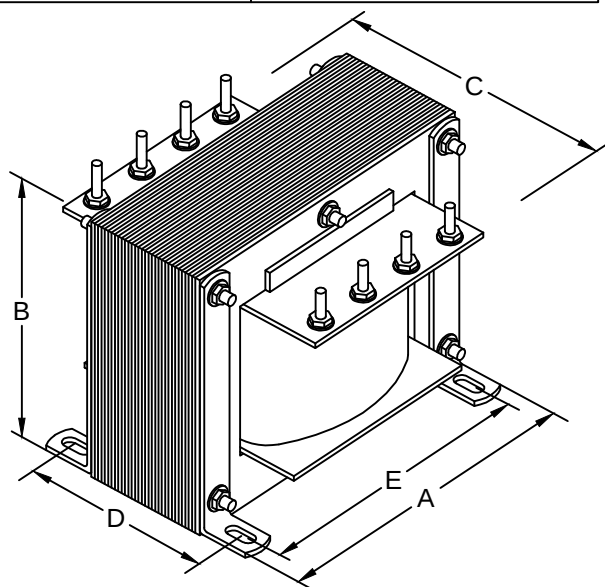
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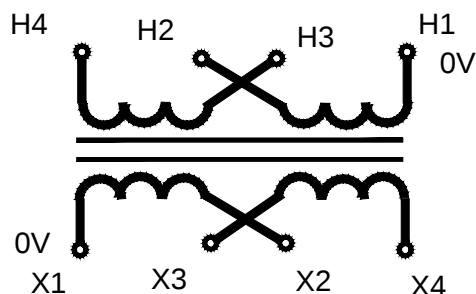
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO3KB
Type	Open
VA	3000
Primary (Volts)	120 / 240
Secondary (Volts)	16 / 32
Input Amps	25.0 / 12.5
Output Amps	187.5 / 93.75
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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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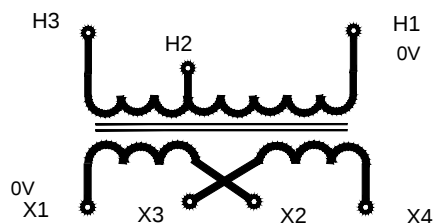
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION	
MODEL	MO3KC
Type	Open
VA	3000
Primary (Volts)	347 / 380
Secondary (Volts)	12 / 24
Input Amps	8.65 / 7.89
Output Amps	250.0 / 125.0
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

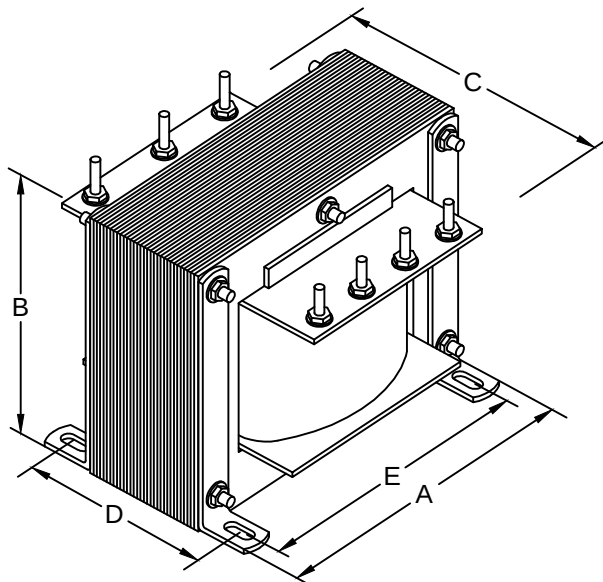
Pos.	H1	H2	H3				
Volts	0V	347	380				

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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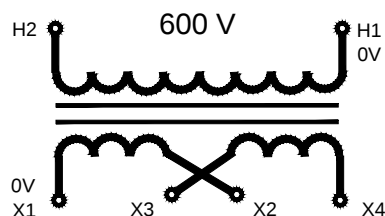
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

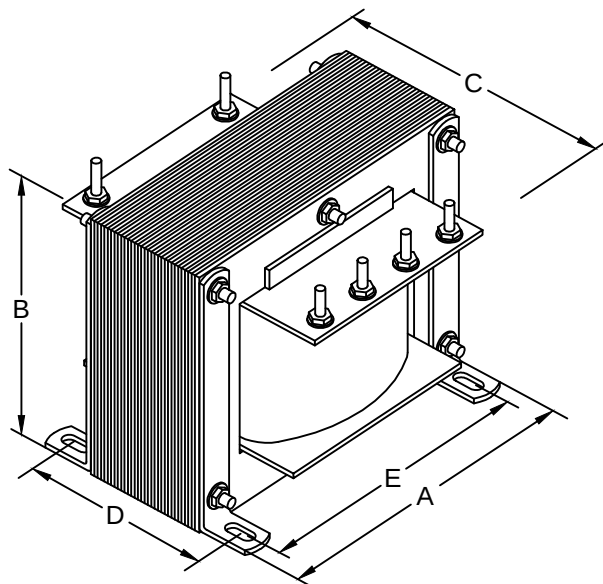
MODEL	MO3KD
Type	Open
VA	3000
Primary (Volts)	600
Secondary (Volts)	12 / 24
Input /Output Amps	5.0 / 250.0 , 125.0
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

PRIMARY :		
VOLTS 600	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 12 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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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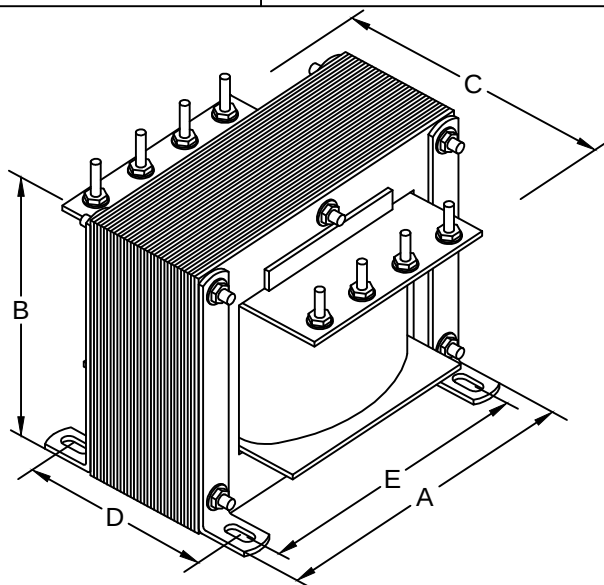
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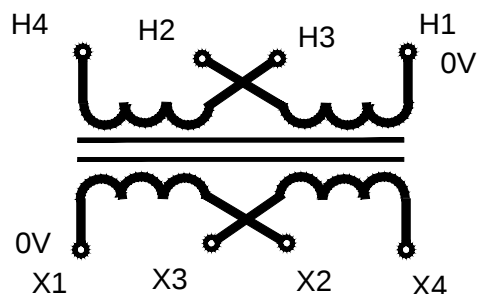
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO3KE
Type	Open
VA	3000
Primary (Volts)	120 / 240
Secondary (Volts)	120 / 240
Input Amps	25.0 / 12.5
Output Amps	25.0 / 12.5
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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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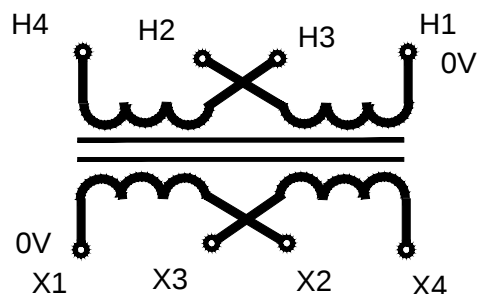
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO3KF
Type	Open
VA	3000
Primary (Volts)	208 / 416
Secondary (Volts)	120 / 240
Input Amps	14.42 / 7.21
Output Amps	25.0 / 12.5
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

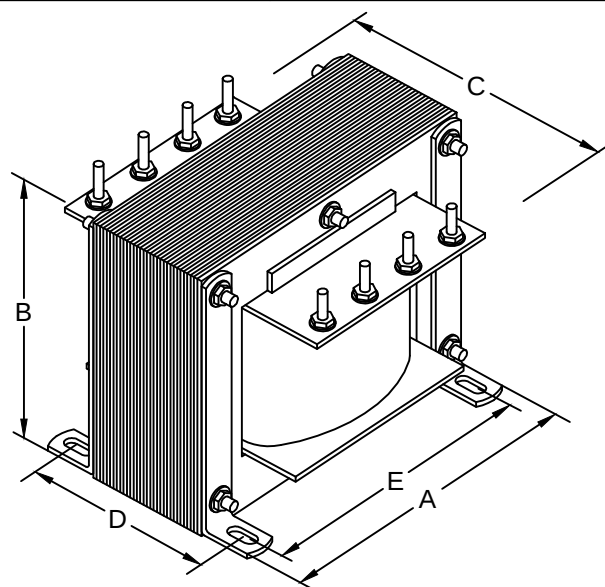


WIRING CONNECTION

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0



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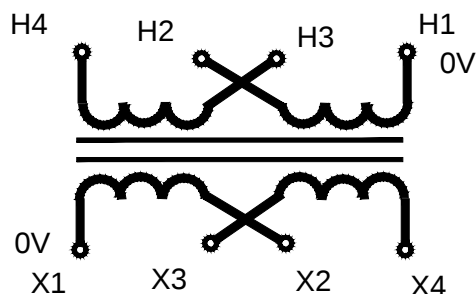
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO3KG
Type	Open
VA	3000
Primary (Volts)	240 / 480
Secondary (Volts)	120 / 240
Input Amps	12.5 / 6.25
Output Amps	25.0 / 12.5
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

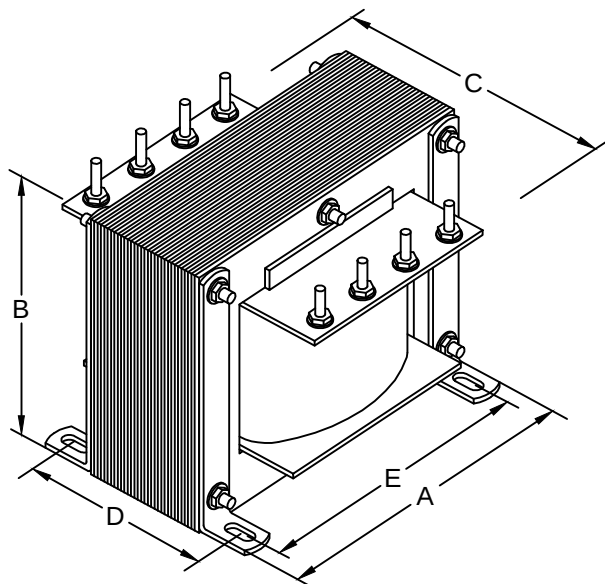


WIRING CONNECTION

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0



Notes:



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TECHNICAL DATA

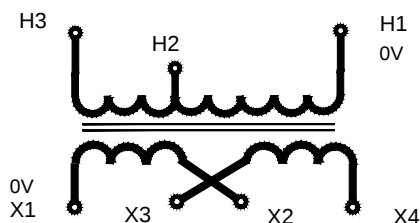
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION	
MODEL	MO3KH
Type	Open
VA	3000
Primary (Volts)	347 / 380
Secondary (Volts)	120 / 240
Input Amps	8.65 / 7.89
Output Amps	25.0 / 12.5
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

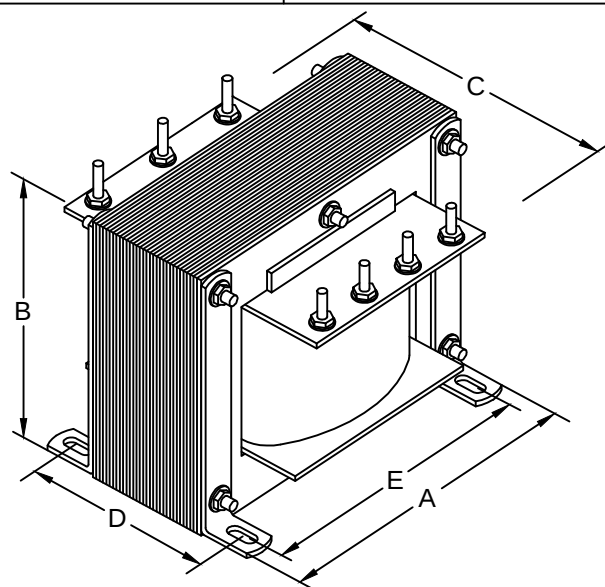


WIRING CONNECTION

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0



Notes:



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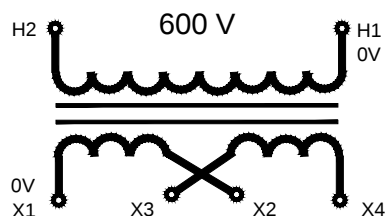
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO3KI
Type	Open
VA	3000
Primary (Volts)	600
Secondary (Volts)	120 / 240
Input/Output Amps	5.0 / 25.0 , 12.5
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

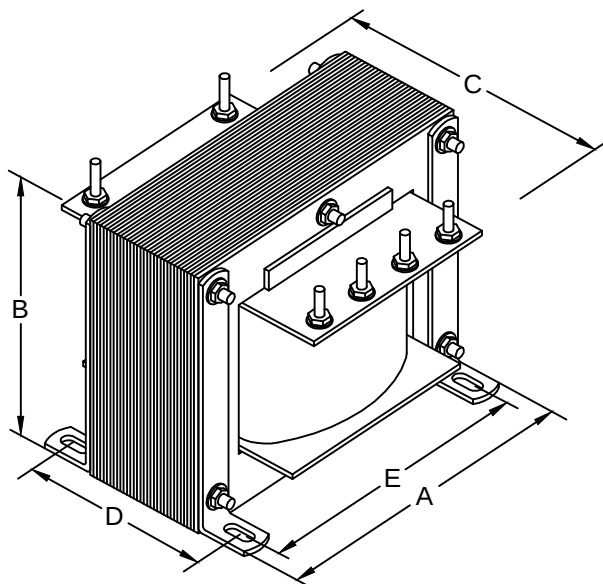


WIRING CONNECTION

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0



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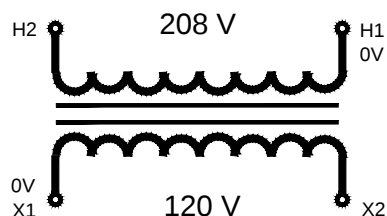
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

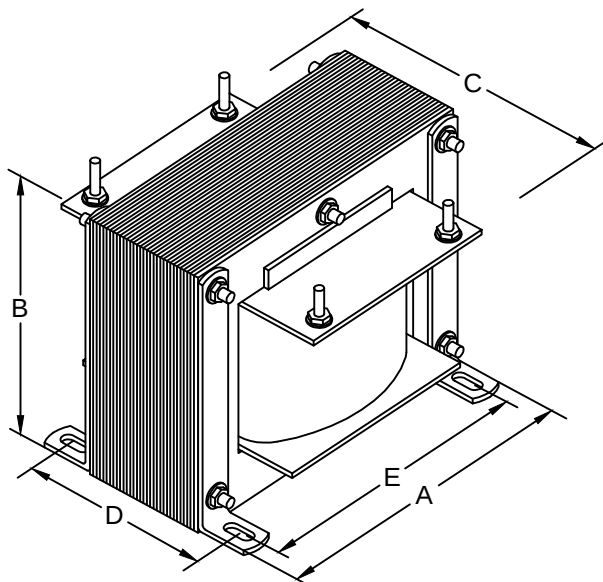
MODEL	MO3KK
Type	Open
VA	3000
Primary (Volts)	208
Secondary (Volts)	120
Input /Output Amps	14.42 / 25.0
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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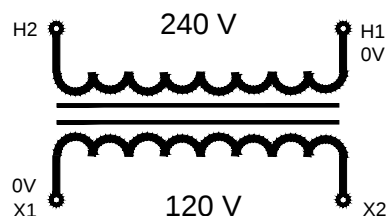
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

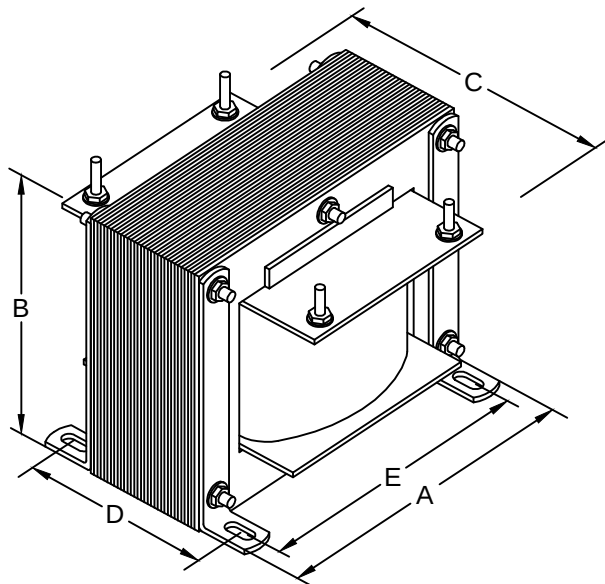
MODEL	MO3KL
Type	Open
VA	3000
Primary (Volts)	240
Secondary (Volts)	120
Input/Output Amps	12.5 / 25.0
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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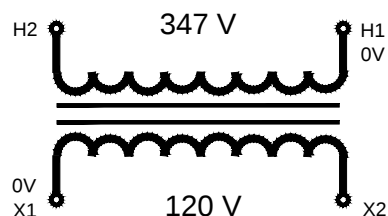
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

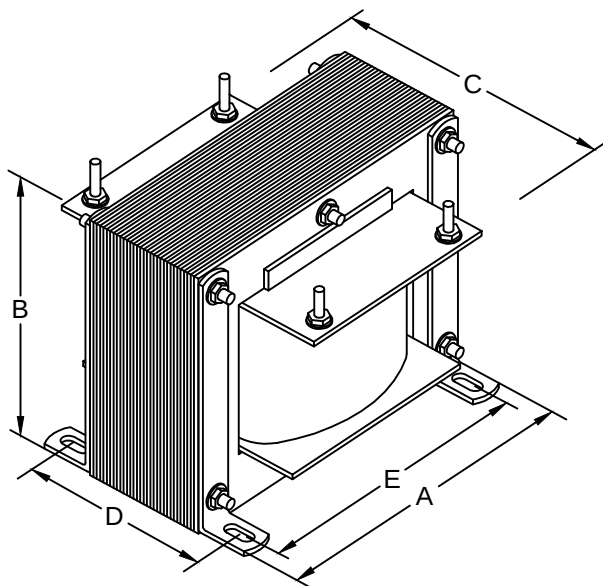
MODEL	MO3KM
Type	Open
VA	3000
Primary (Volts)	347
Secondary (Volts)	120
Input /Output Amps	8.65 / 25.0
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes:



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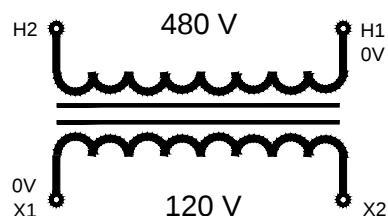
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MO3KN
Type	Open
VA	3000
Primary (Volts)	480
Secondary (Volts)	120
Input /Output Amps	6.25 / 25.0
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

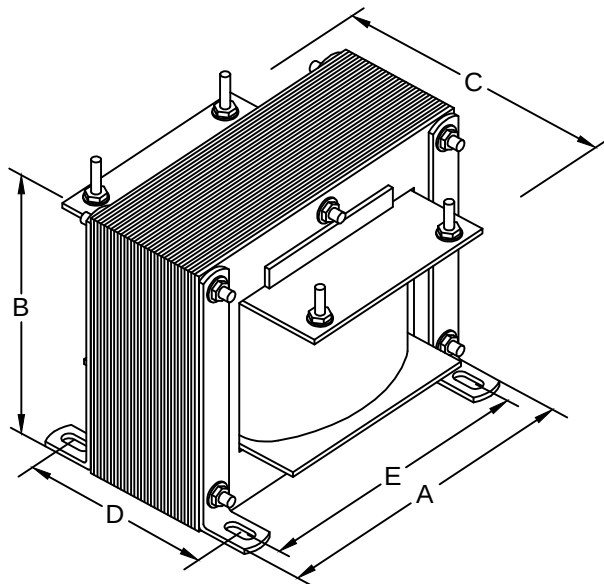


WIRING CONNECTION

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0



Notes:



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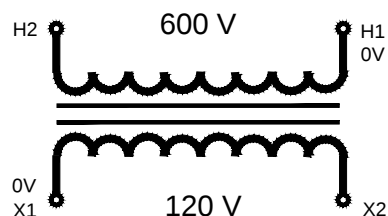
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

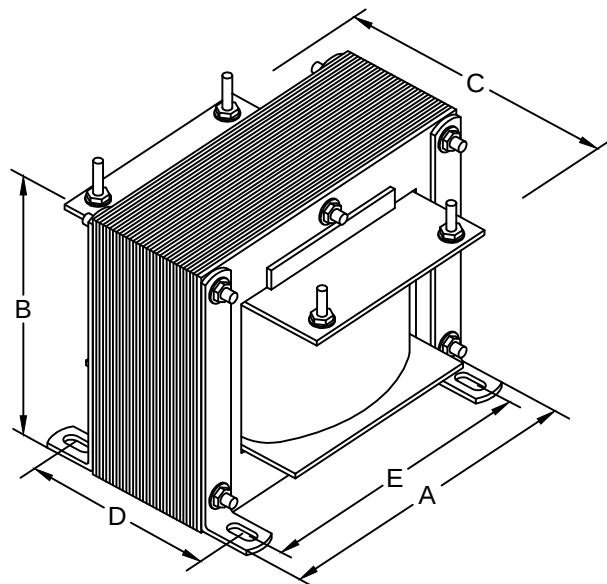
MODEL	MO3KO
Type	Open
VA	3000
Primary (Volts)	600
Secondary (Volts)	120
Input /Output Amps	5.0 / 25.0
Temperature Rise	100°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

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
3000	7.50 190.5	6.25 158.8	9.75 247.7	6.50 165.1	6.75 171.5	0.31 x 0.688 7.9 x 17.5	59.2 27.0

Notes: