



MARCUS

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

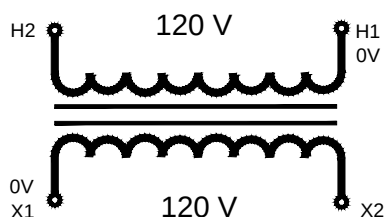
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

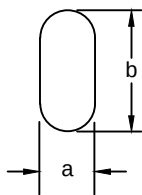
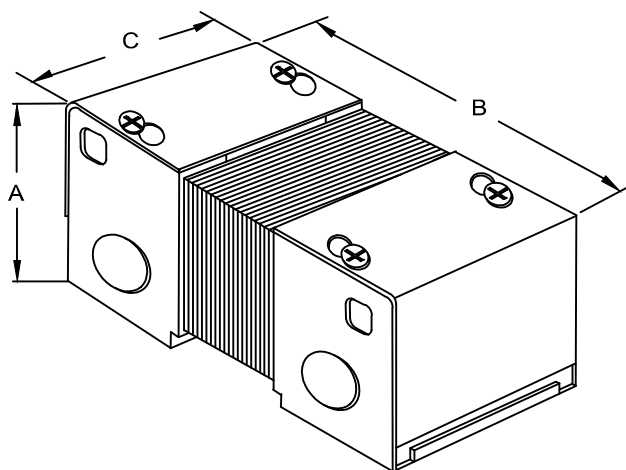
MODEL	MC1K5A
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	120
Secondary (Volts)	120
Input /Output Amps	12.5 / 12.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

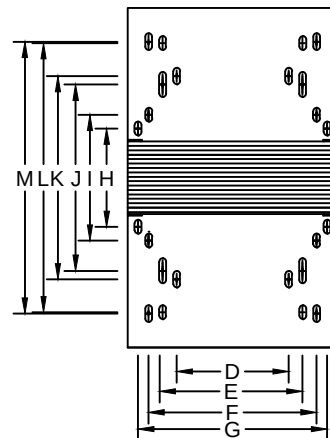


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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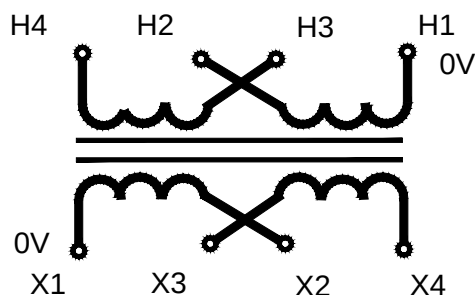
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

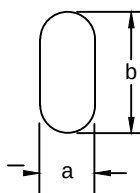
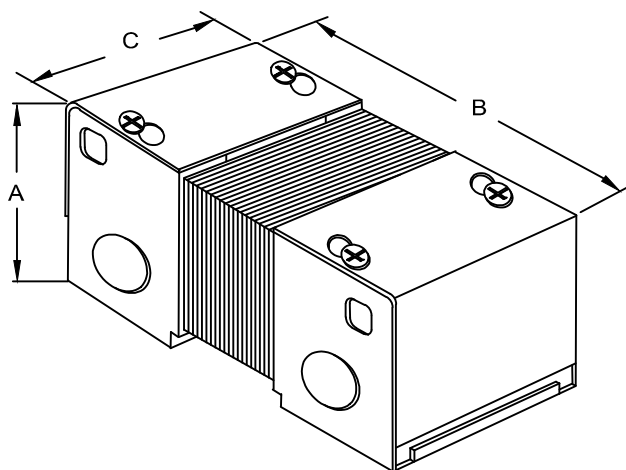
MODEL	MC1K5B
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	120 / 240
Secondary (Volts)	12 / 24
Input / Output Amps	12.5 , 6.25 / 125 , 62.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

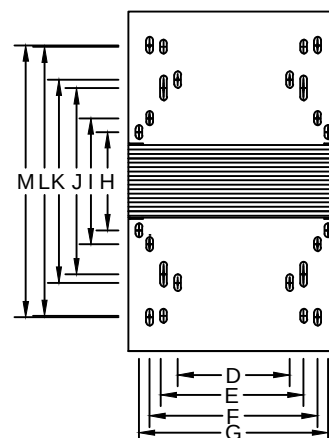


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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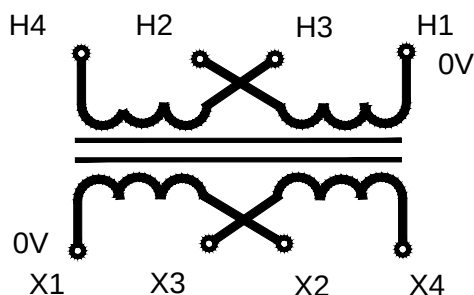
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

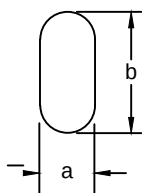
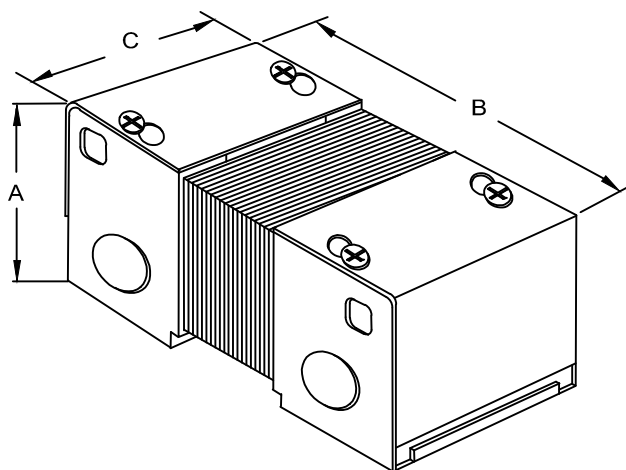
MODEL	MC1K5C
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	120 / 240
Secondary (Volts)	16 / 32
Input / Output Amps	12.5 , 6.25 / 125 , 62.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

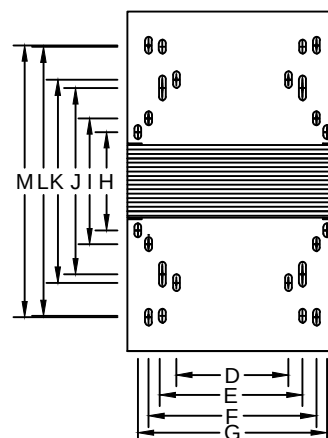


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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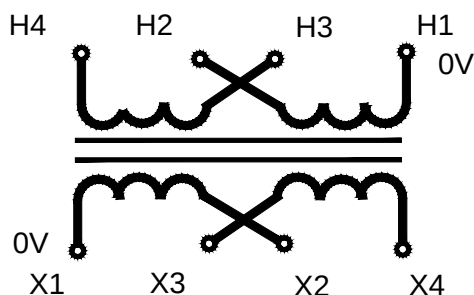
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

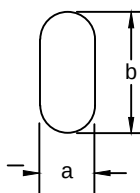
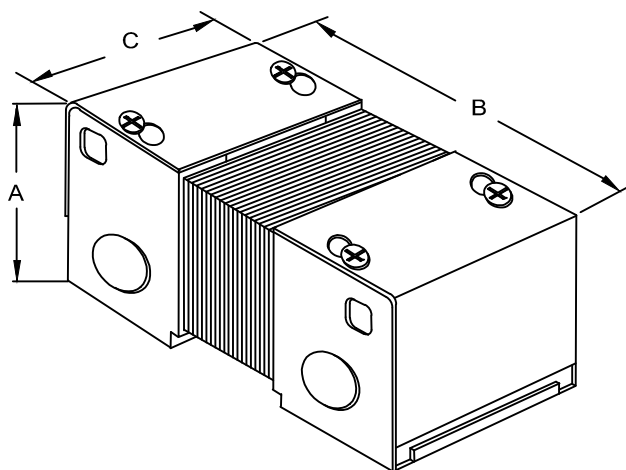
MODEL	MC1K5D
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	120 / 240
Secondary (Volts)	120 / 240
Input / Output Amps	12.5 , 6.25 / 12.5 , 6.25
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

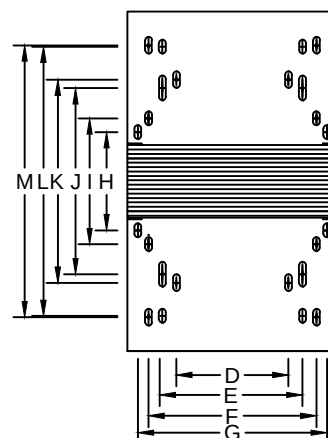


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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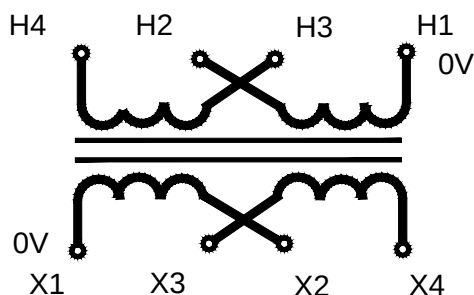
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

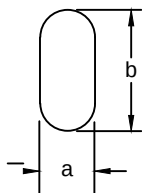
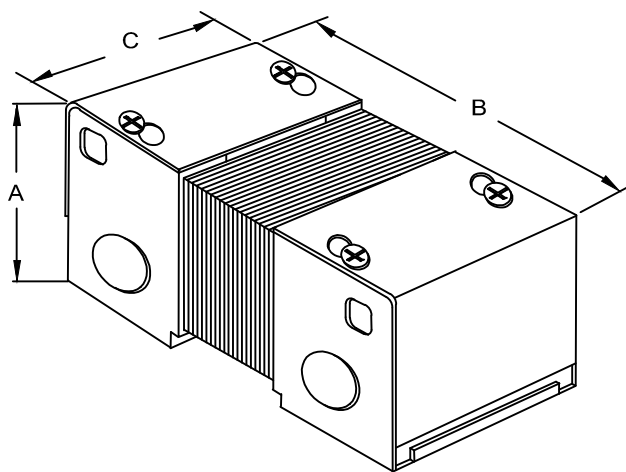
MODEL	MC1K5E
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	208 / 416
Secondary (Volts)	12 / 24
Input / Output Amps	7.21 , 3.61 / 125 , 62.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

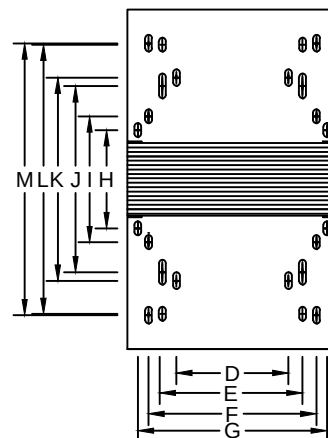


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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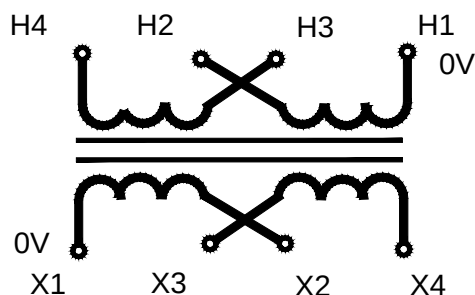
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

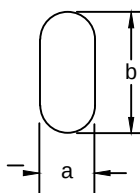
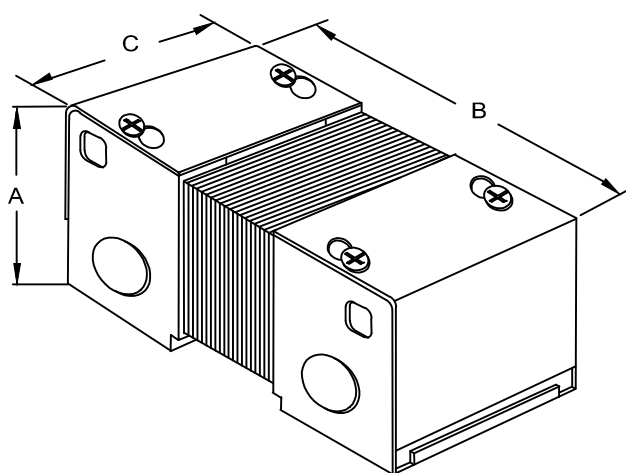
MODEL	MC1K5F
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	208 / 416
Secondary (Volts)	16 / 32
Input / Output Amps	7.21 , 3.61 / 93.75 , 46.88
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

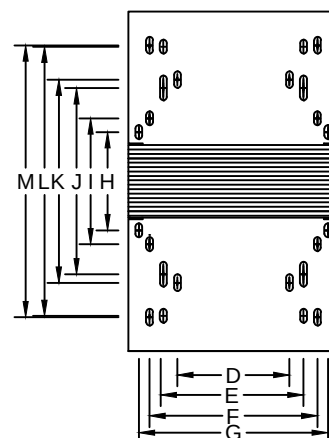


WIRING CONNECTION

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 :
16	X1-X3 AND X2-X4	X1-X4
32	X2-X3	X1-X4



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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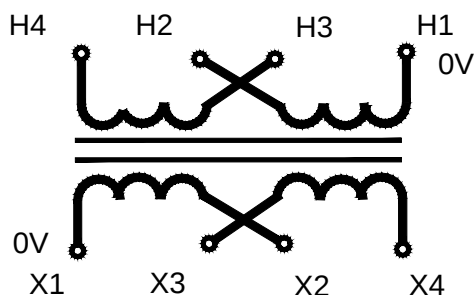
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

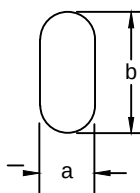
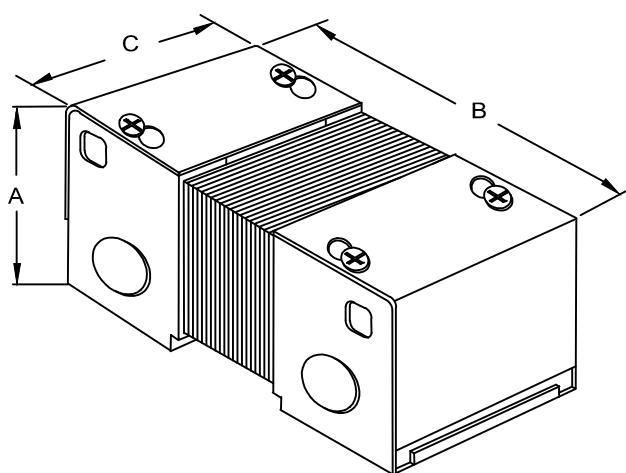
MODEL	MC1K5G
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	208 / 416
Secondary (Volts)	120 / 240
Input / Output Amps	7.21 , 3.61 / 12.5 , 6.25
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

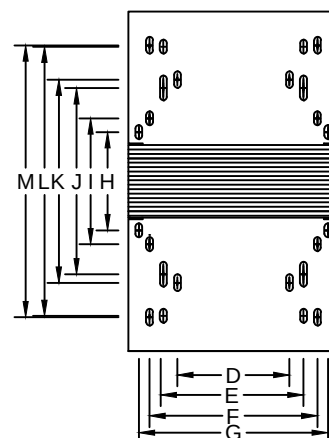


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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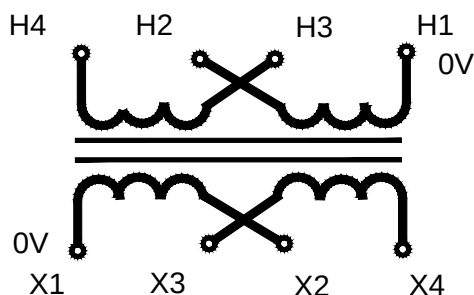
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

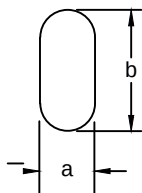
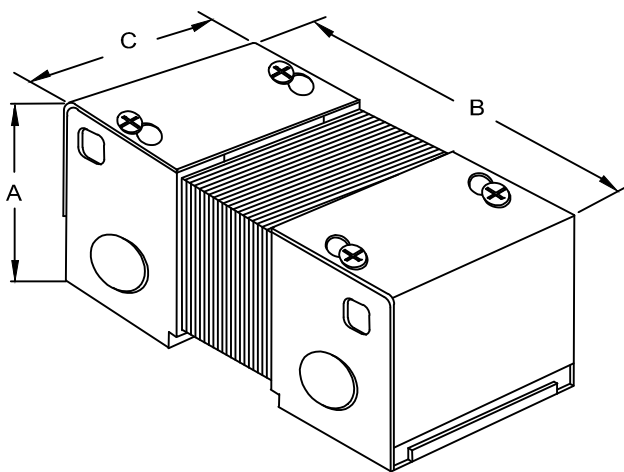
MODEL	MC1K5H
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	240 / 480
Secondary (Volts)	12 / 24
Input / Output Amps	6.25 , 3.13 / 125 , 62.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

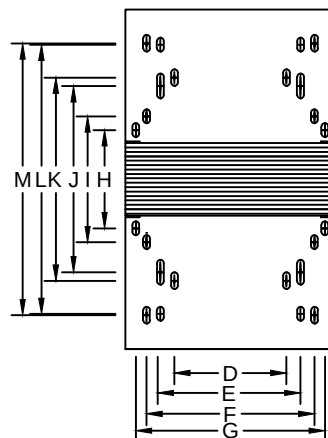


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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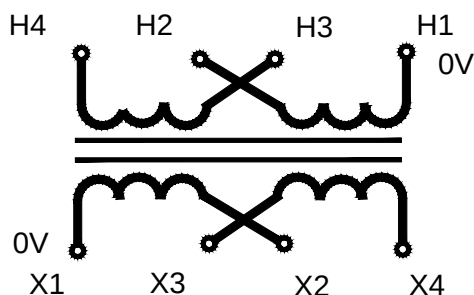
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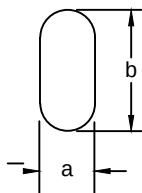
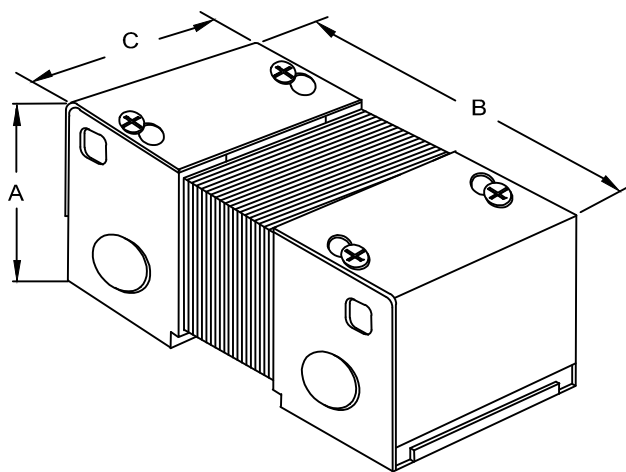
MODEL	MC1K5I
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	240 / 480
Secondary (Volts)	16 / 32
Input / Output Amps	6.25 , 3.13 / 93.75 , 46.88
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

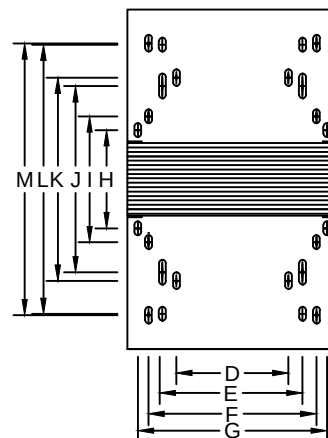


WIRING CONNECTION

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 :
16	X1-X3 AND X2-X4	X1-X4
32	X2-X3	X1-X4



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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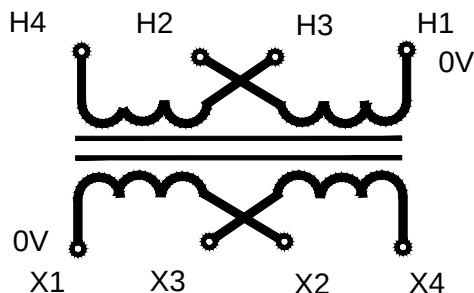
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

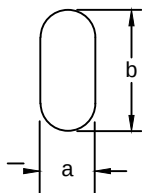
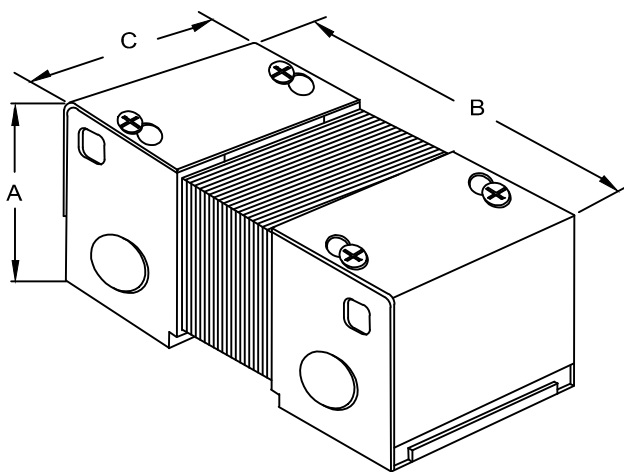
MODEL	MC1K5J
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	240 / 480
Secondary (Volts)	120 / 240
Input / Output Amps	6.25 , 3.13 / 12.5 , 6.25
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

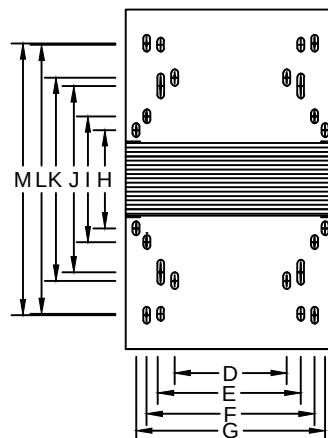


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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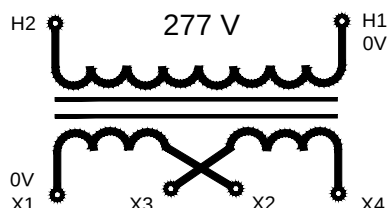
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

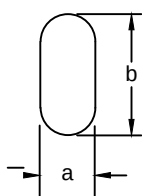
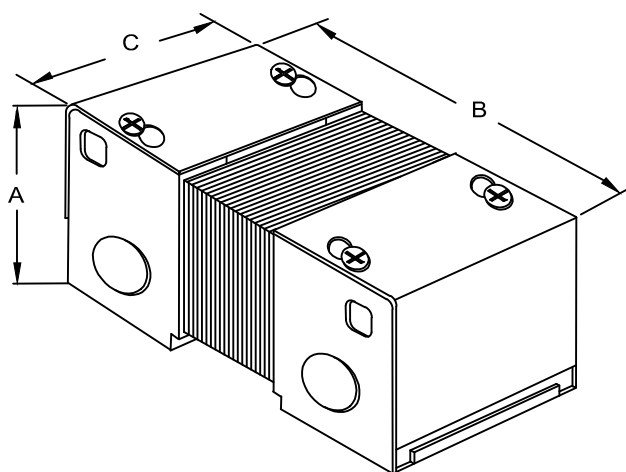
MODEL	MC1K5K
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	277
Secondary (Volts)	120 / 240
Input /Output Amps	5.42 / 12.5 , 6.25
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

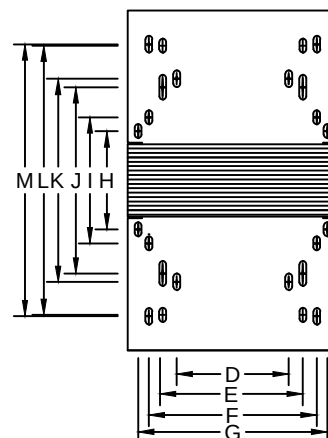


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

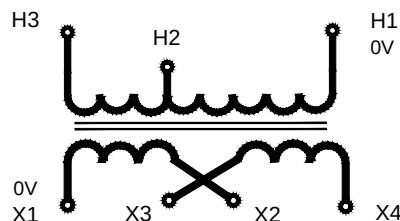
DESCRIPTION

MODEL	MC1K5M
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	347 / 380
Secondary (Volts)	16 / 32
Input / Output Amps	4.32 , 3.95 / 93.75 , 46.88
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

Primary Tabs

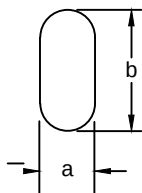
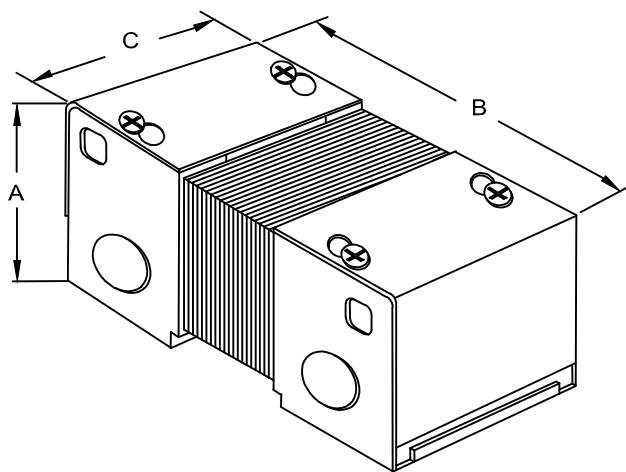
Pos.	H1	H2	H3				
Volts	0V	347	380				

CONNECTION DIAGRAM

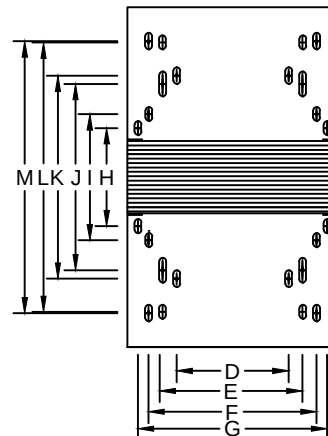


WIRING CONNECTION

PRIMARY :		
VOLTS 347 380	CONNECT LINES TO : H1-H2 H1-H3	
SECONDARY :		
VOLTS 16 32	INTERCONNECT: X1-X3 AND X2-X4 X2-X3	CONNECT LINES TO : X1-X4 X1-X4



LETTER	MOUNTING SLOTS INCHES / MM
	a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

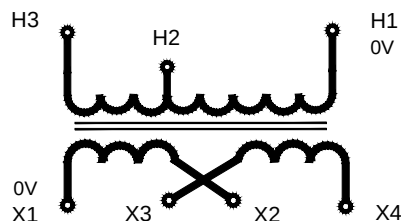
DESCRIPTION

MODEL	MC1K5N
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	347 / 380
Secondary (Volts)	120 / 240
Input / Output Amps	4.32 , 3.95 / 12.5 , 6.25
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

Primary Tabs

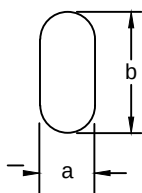
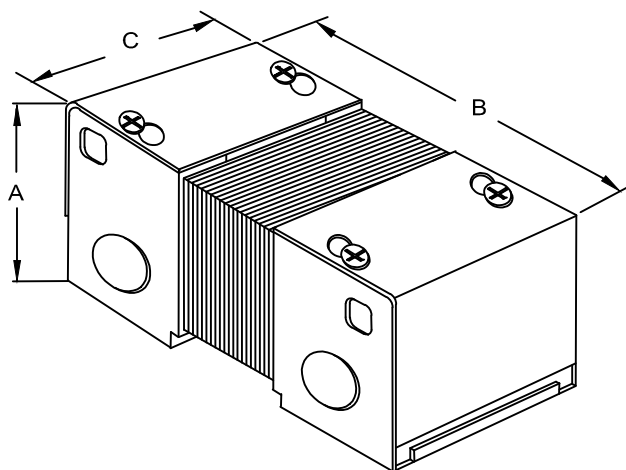
Pos.	H1	H2	H3				
Volts	0V	347	380				

CONNECTION DIAGRAM

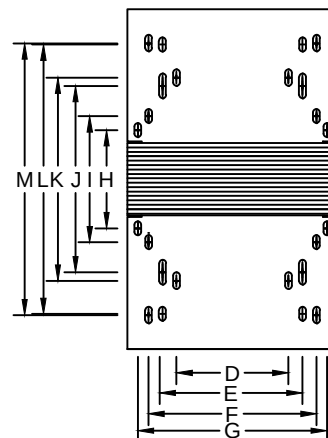


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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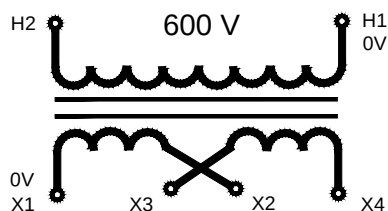
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

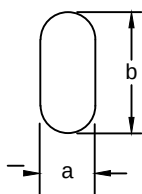
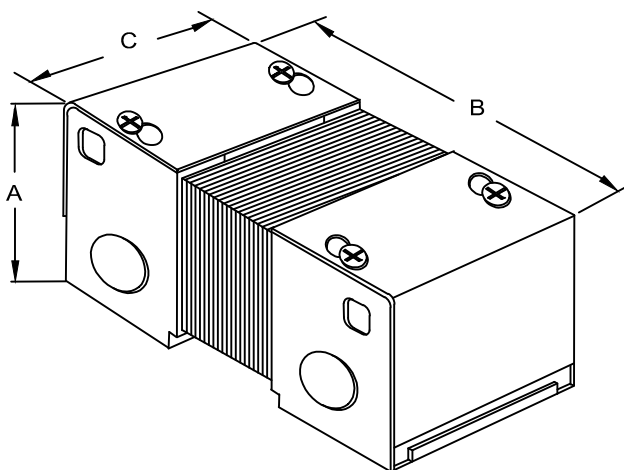
MODEL	MC1K5O
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	600
Secondary (Volts)	12 / 24
Input /Output Amps	2.5 / 125 , 62.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

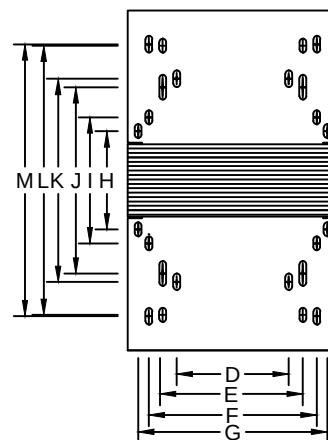


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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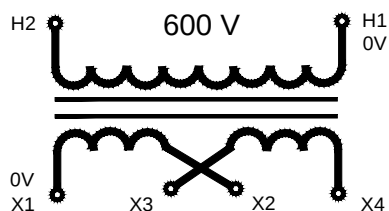
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

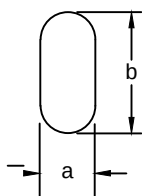
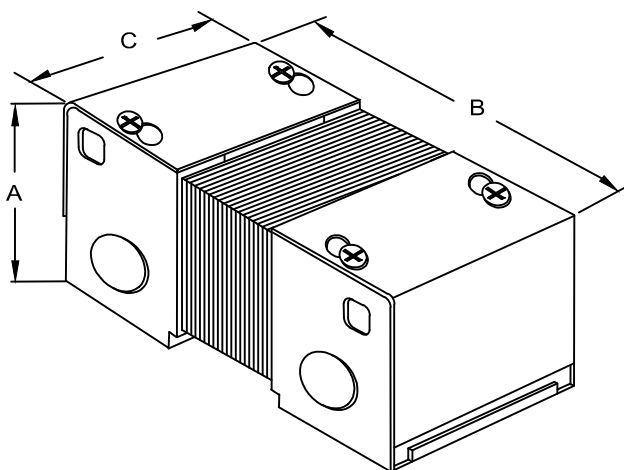
MODEL	MC1K5P
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	600
Secondary (Volts)	16 / 32
Input /Output Amps	2.5 / 93.75 , 46.88
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

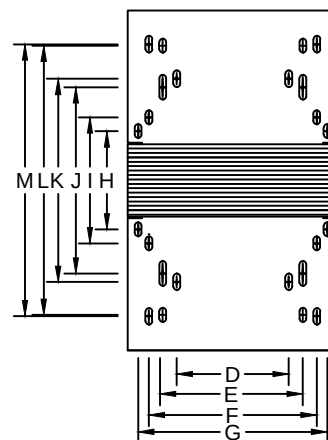


WIRING CONNECTION

PRIMARY :		
VOLTS 600	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 16 32 16/32	INTERCONNECT: X1-X3 AND X2-X4 X2-X3 X2-X3	CONNECT LINES TO : X1-X4 X1-X4 X1-X3-X4



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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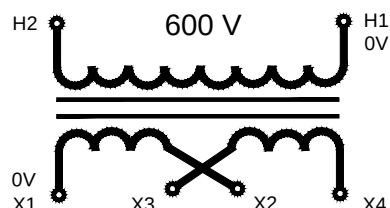
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

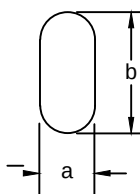
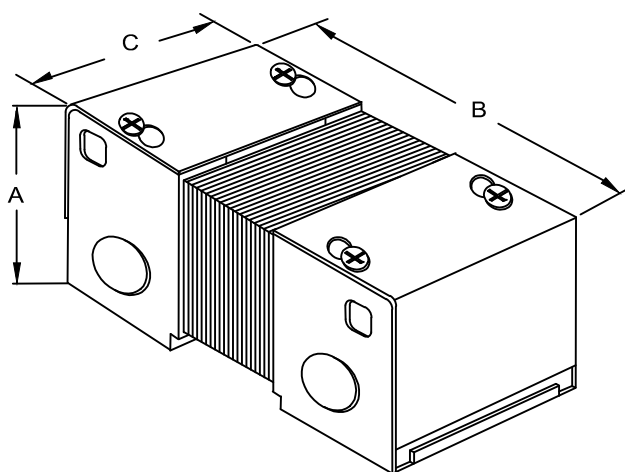
MODEL	MC1K5Q
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	600
Secondary (Volts)	120 / 240
Input /Output Amps	2.5 / 12.5 , 6.25
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

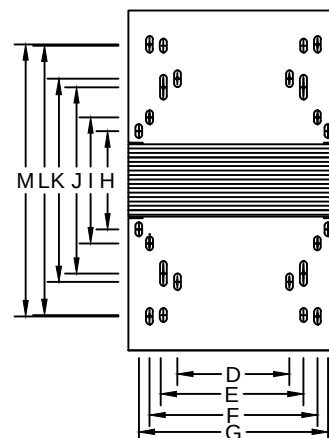


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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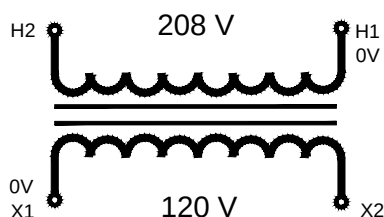
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

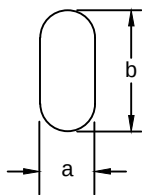
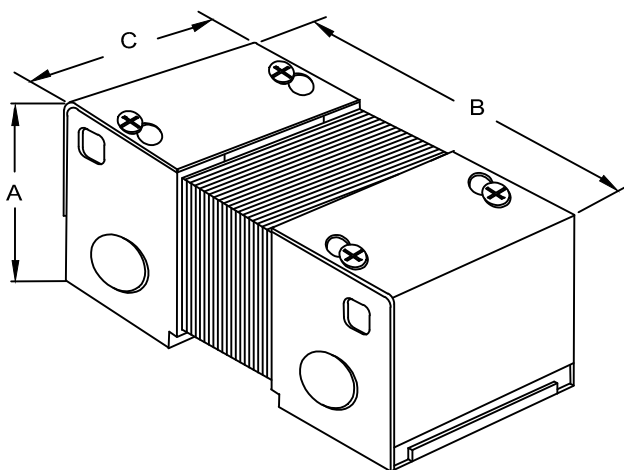
MODEL	MC1K5R
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	208
Secondary (Volts)	120
Input /Output Amps	7.21 / 12.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

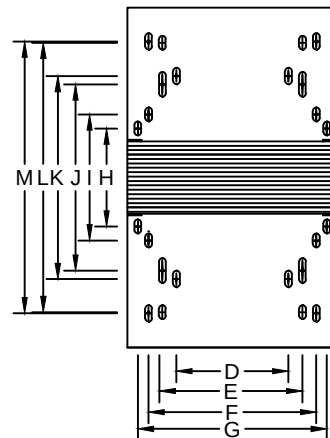


WIRING CONNECTION

PRIMARY :	
VOLTS 208	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 120	CONNECT LINES TO : X1-X2



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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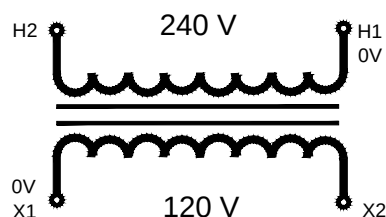
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

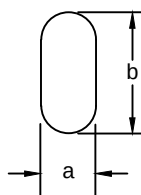
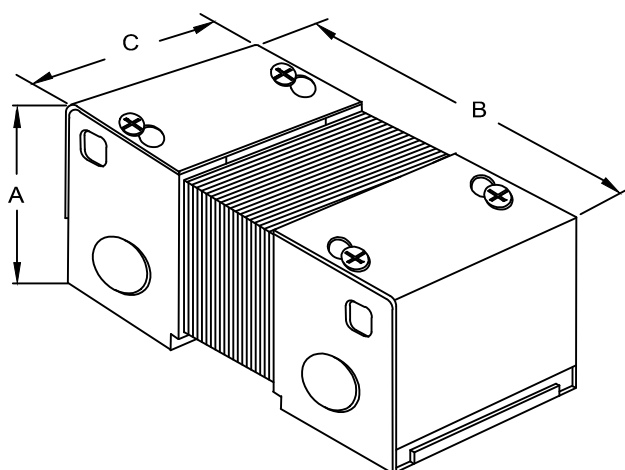
MODEL	MC1K5S
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	240
Secondary (Volts)	120
Input /Output Amps	6.25 / 12.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

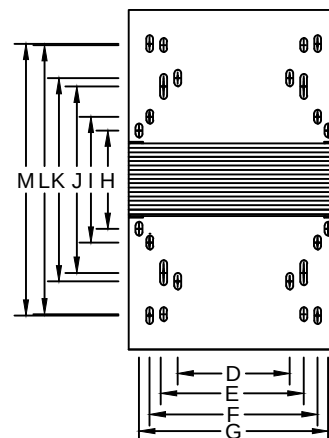


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



MARCUS

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

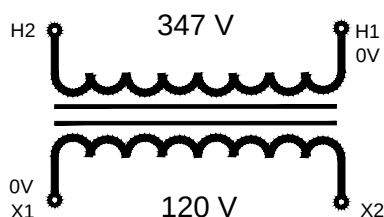
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

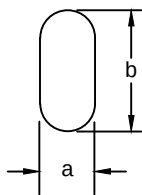
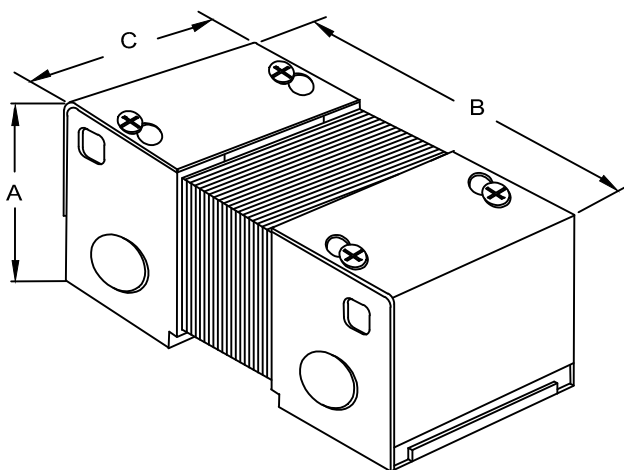
MODEL	MC1K5T
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	347
Secondary (Volts)	120
Input /Output Amps	4.32 / 12.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

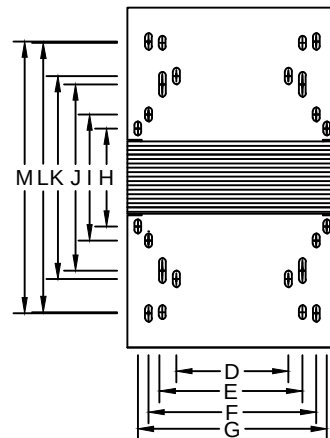


WIRING CONNECTION

PRIMARY :	
VOLTS 347	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 120	CONNECT LINES TO : X1-X2



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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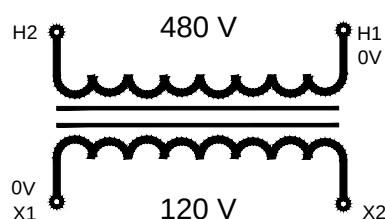
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

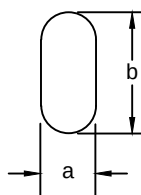
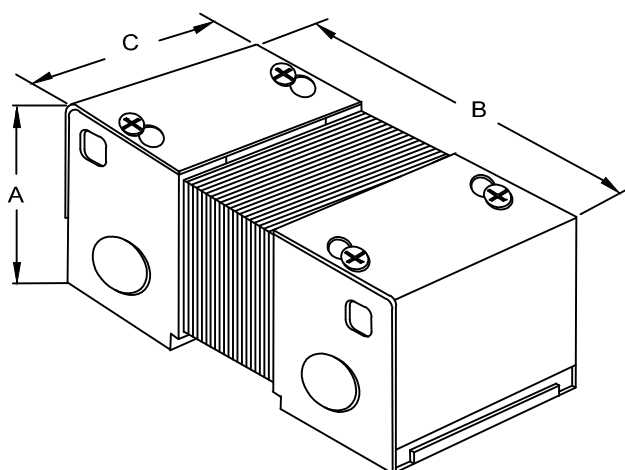
MODEL	MC1K5U
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	480
Secondary (Volts)	120
Input /Output Amps	3.13 / 12.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

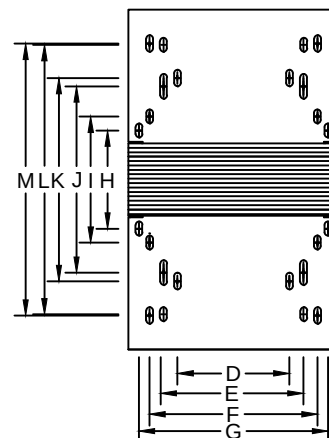


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8



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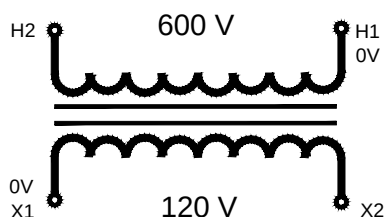
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

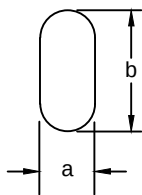
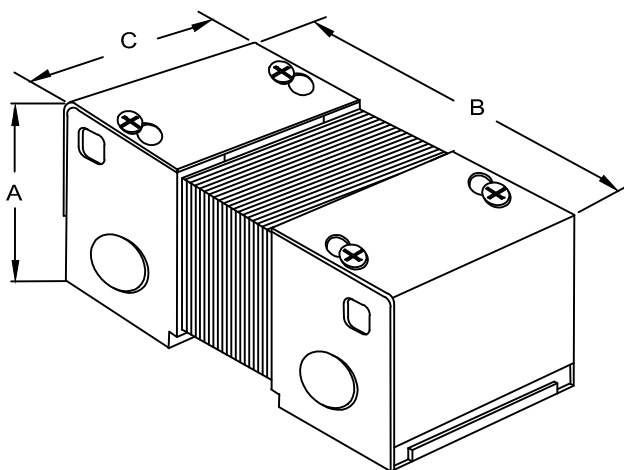
MODEL	MC1K5V
Type	Enclosed, Indoor application
VA	1500
Primary (Volts)	600
Secondary (Volts)	120
Input /Output Amps	2.5 / 12.5
Temperature Rise	115°C
Insulation Class	F (155°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

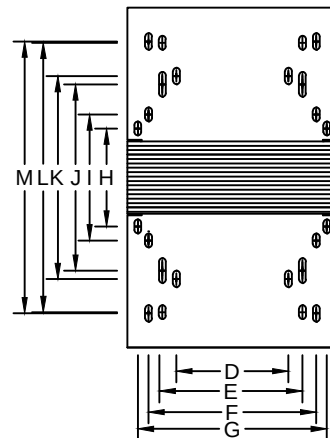


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
W	0.31 x 0.630 7.9 x 16.0
X	0.31 x 0.750 7.9 x 19.0
Y	0.31 x 0.875 7.9 x 22.2
Z	0.31 x 1.125 7.9 x 28.6



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
1500	6.58 167.1	12.13 308.2	7.50 190.5	4.00 101.6	5.00 127.0	6.00 152.4	6.75 171.5	3.50(W) 89.0	4.50(W) 114.3	6.63(Z) 168.4	7.25(X) 184.2	9.50(W) 244.3	9.70(Y) 246.6	39.00 17.8