



MARCUS

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

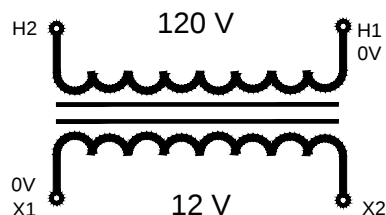
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

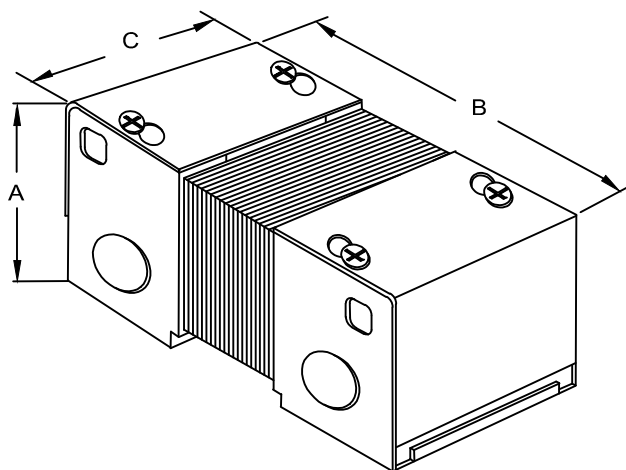
MODEL	MC150A
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	120
Secondary (Volts)	12
Input /Output Amps	1.25 / 12.5
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

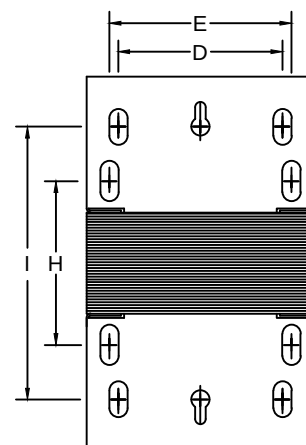
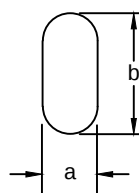


WIRING CONNECTION

PRIMARY :	
VOLTS 120	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 12	CONNECT LINES TO : X1-X2



LETTER	MOUNTING SLOTS INCHES / MM	
	a	b
S	0.25 x 0.500 6.4 x 12.7	
T	0.25 x 0.625 6.4 x 15.9	



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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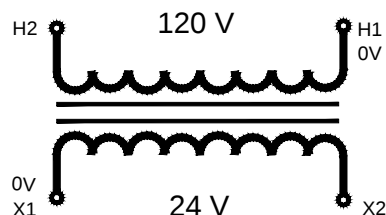
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

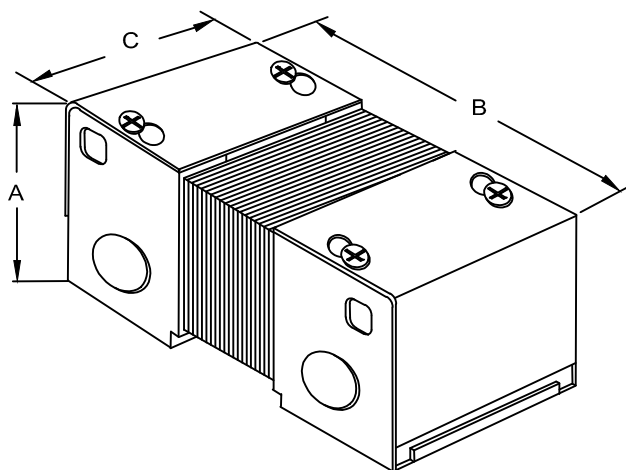
MODEL	MC150B
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	120
Secondary (Volts)	24
Input / Output Amps	1.25 / 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

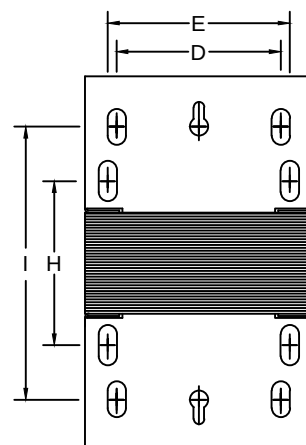
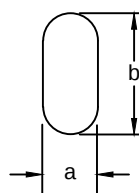


WIRING CONNECTION

PRIMARY :	
VOLTS 120	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 24	CONNECT LINES TO : X1-X2



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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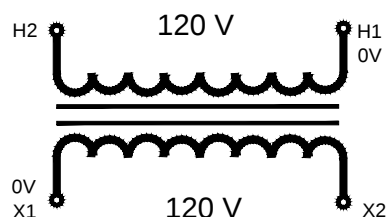
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

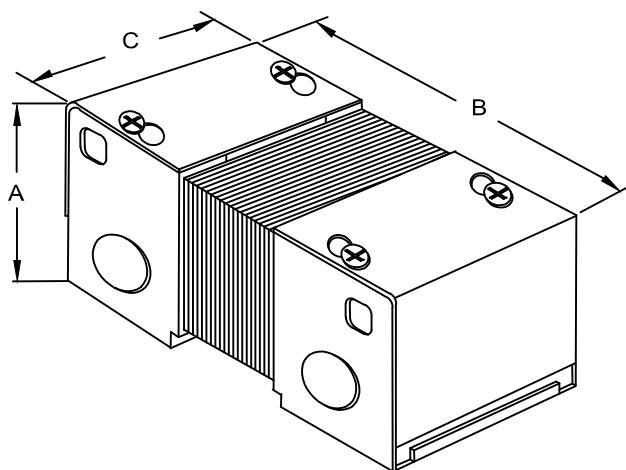
MODEL	MC150C
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	120
Secondary (Volts)	120
Input /Output Amps	1.25 / 1.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

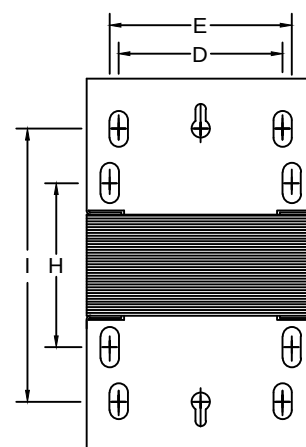
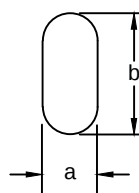


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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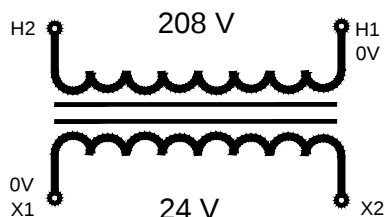
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

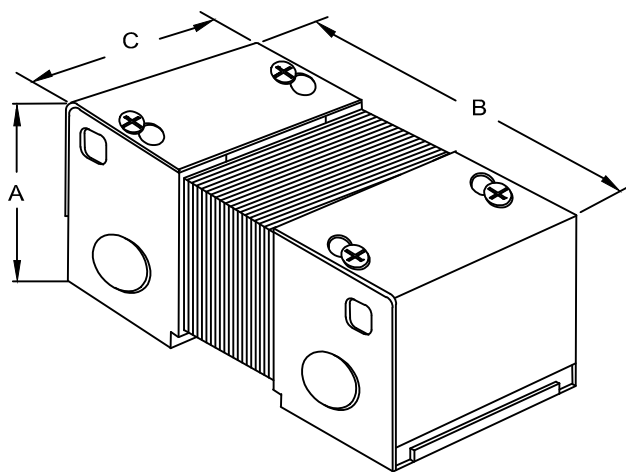
MODEL	MC150D
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	208
Secondary (Volts)	24
Input /Output Amps	0.72 / 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

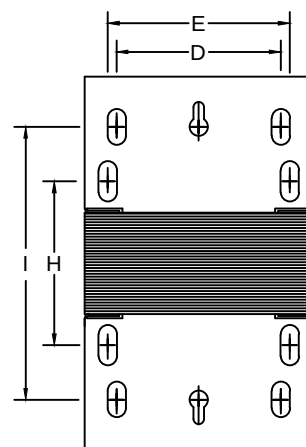
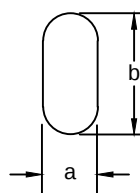


WIRING CONNECTION

PRIMARY :	
VOLTS 208	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 24	CONNECT LINES TO : X1-X2



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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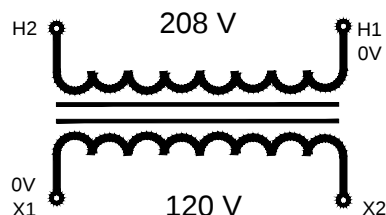
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

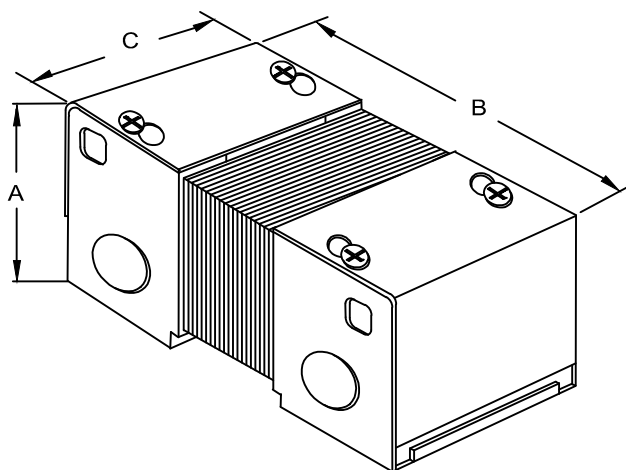
MODEL	MC150E
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	208
Secondary (Volts)	120
Input / Output Amps	0.72 / 1.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

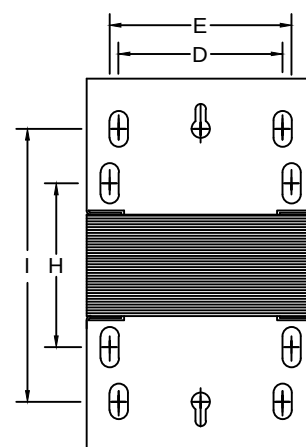
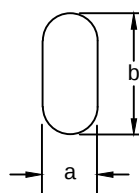


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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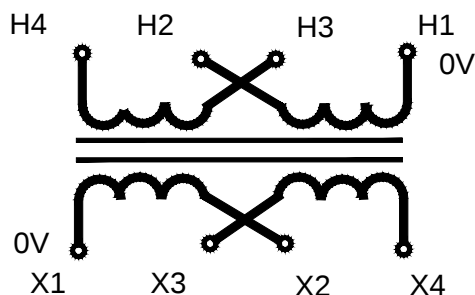
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MC150F
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	120 / 240
Secondary (Volts)	12 / 24
Input / Output Amps	1.25 , 0.63 / 12.5 , 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

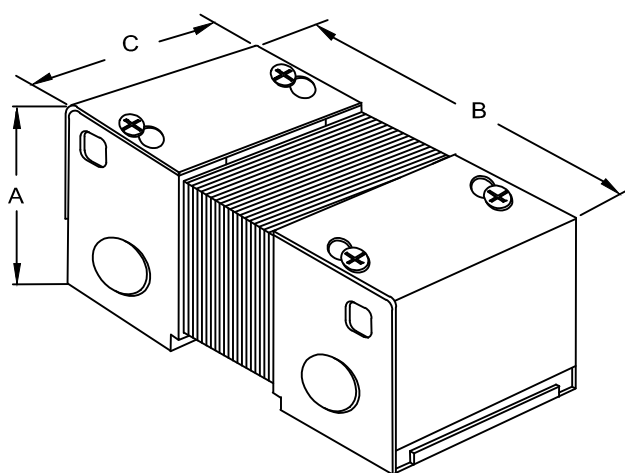
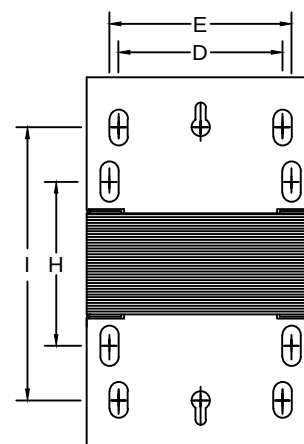
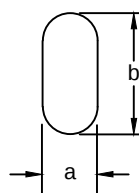
CONNECTION DIAGRAM



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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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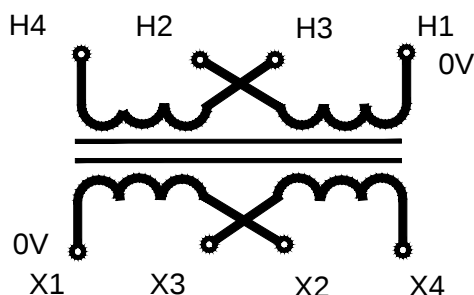
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MC150G
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	120 / 240
Secondary (Volts)	16 / 32
Input /Output Amps	1.25 , 0.63 / 9.38 , 4.69
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM



WIRING CONNECTION

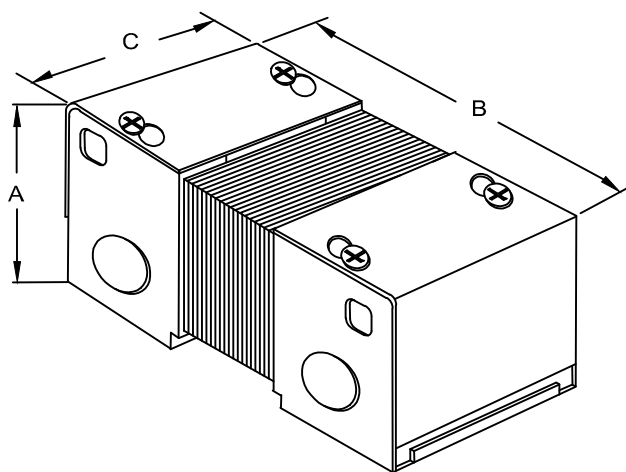
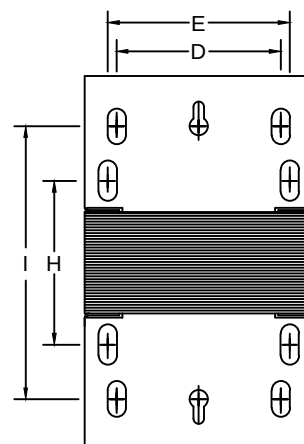
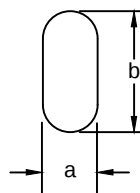
PRIMARY :

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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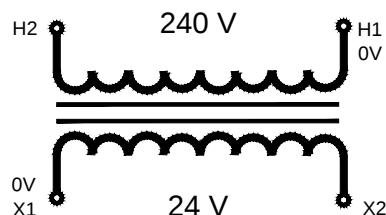
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

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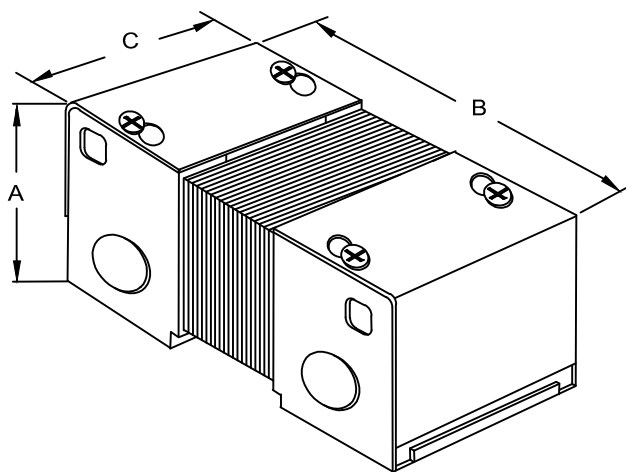
MODEL	MC150H
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	240
Secondary (Volts)	24
Input /Output Amps	0.63 / 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

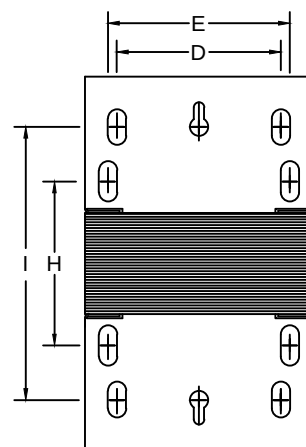
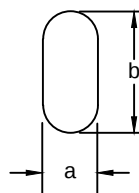


WIRING CONNECTION

PRIMARY :	
VOLTS 240	CONNECT LINES TO : H1-H2
SECONDARY :	
VOLTS 24	CONNECT LINES TO : X1-X2



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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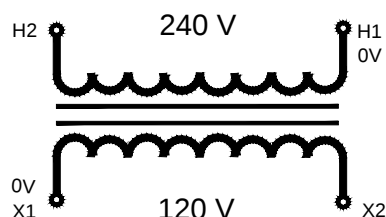
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

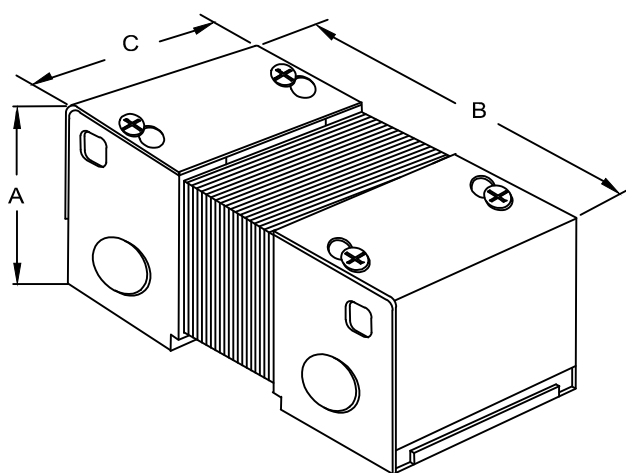
MODEL	MC150I
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	240
Secondary (Volts)	120
Input /Output Amps	0.63 / 1.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

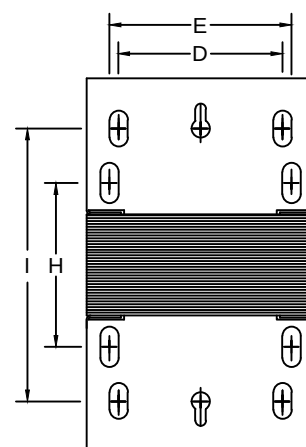
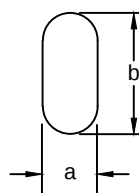


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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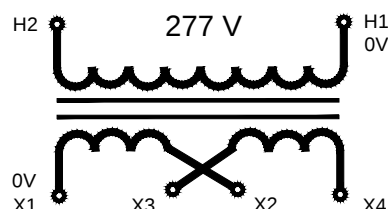
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

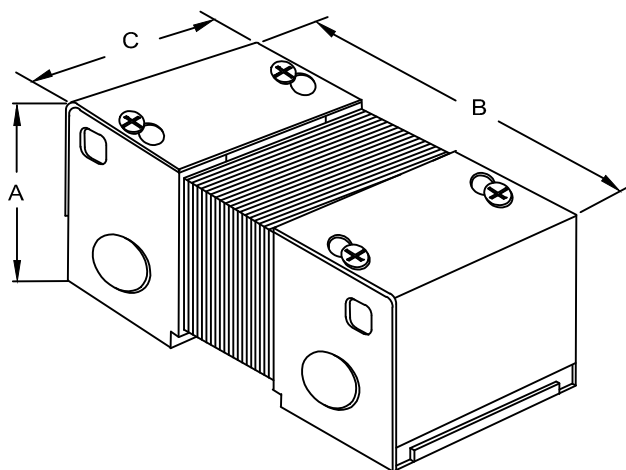
MODEL	MC150J
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	277
Secondary (Volts)	120 / 240
Input / Output Amps	0.54 / 1.25 , 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

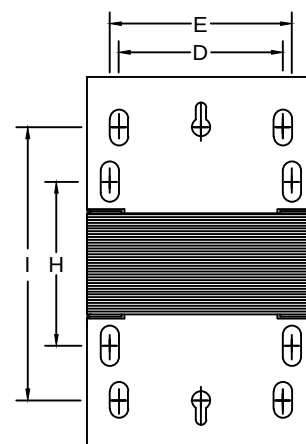
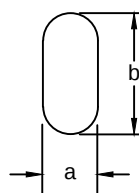


WIRING CONNECTION

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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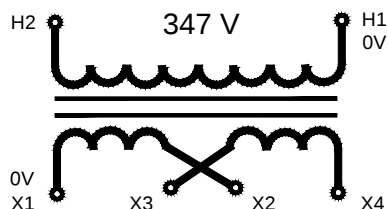
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

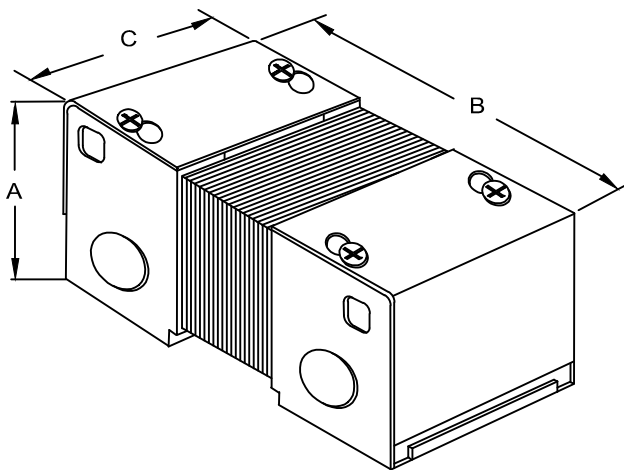
MODEL	MC150K
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	347
Secondary (Volts)	120 / 240
Input / Output Amps	0.43 / 1.25 , 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

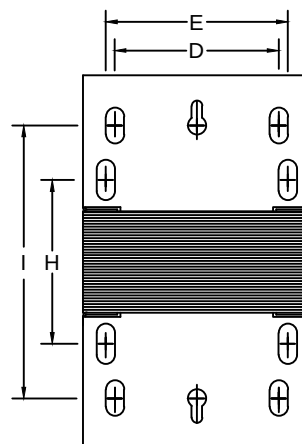
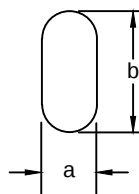


WIRING CONNECTION

PRIMARY :		
VOLTS 347	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 120 240 120/240	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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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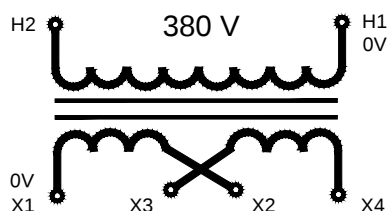
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

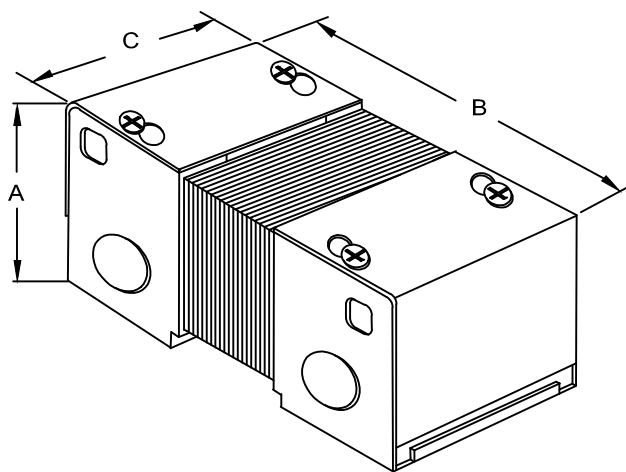
MODEL	MC150L
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	380
Secondary (Volts)	120 / 240
Input / Output Amps	0.40 / 1.25 , 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

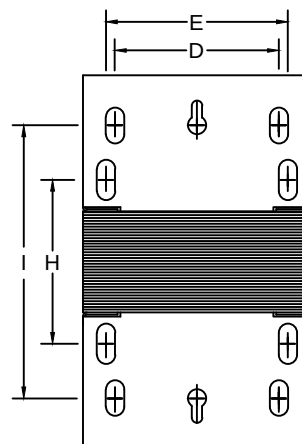
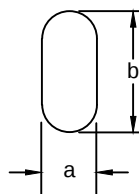


WIRING CONNECTION

PRIMARY :		
VOLTS 380	CONNECT LINES TO : H1-H4	
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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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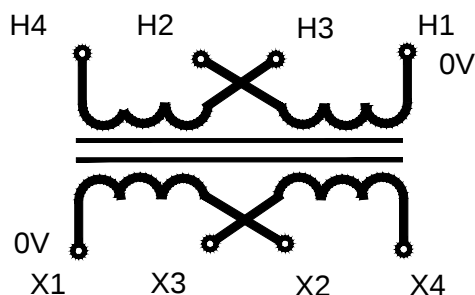
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

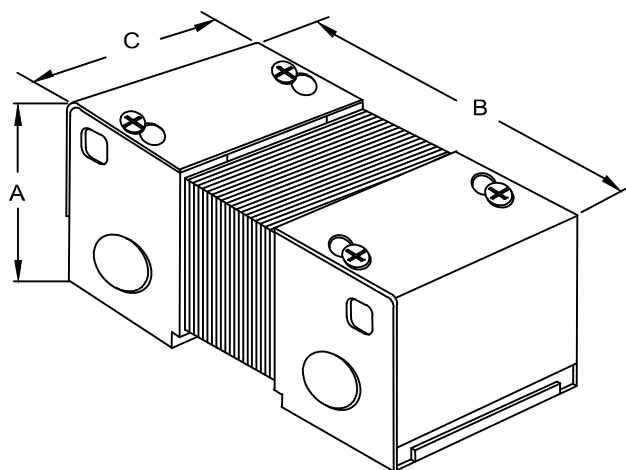
MODEL	MC150M
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	208 / 416
Secondary (Volts)	12 / 24
Input / Output Amps	0.72 , 0.36 / 12.5 , 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

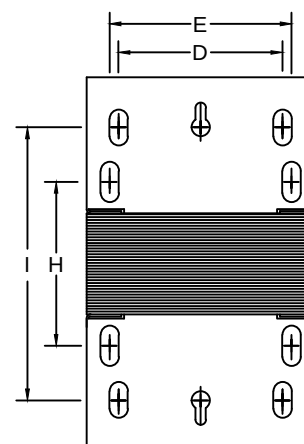
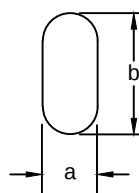


WIRING CONNECTION

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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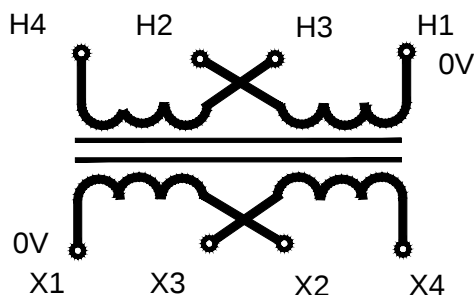
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MC150N
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	208 / 416
Secondary (Volts)	120 / 240
Input / Output Amps	0.72 , 0.36 / 1.25 , 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM



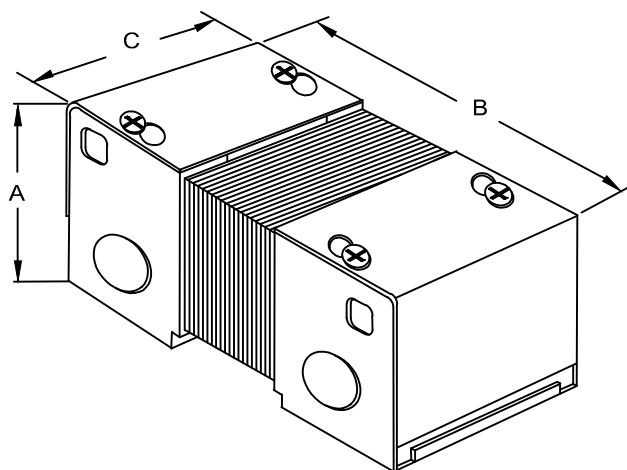
WIRING CONNECTION

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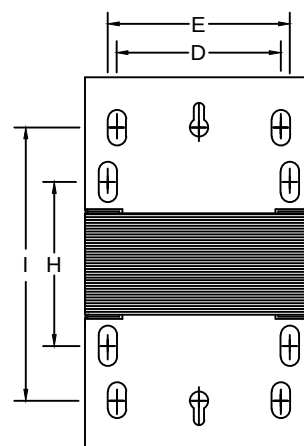
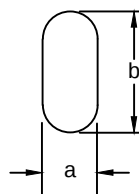
VOLTS	INTERCONNECT:	CONNECT LINES TO :
208	H1-H3 AND H2-H4	H1-H4
416	H2-H3	H1-H4

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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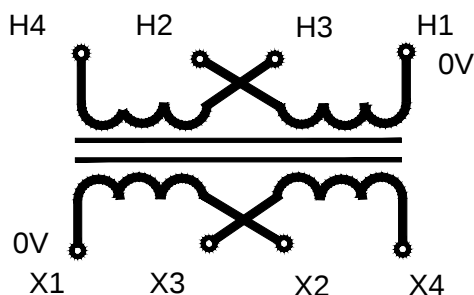
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MC1500
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	240 / 480
Secondary (Volts)	120 / 240
Input / Output Amps	0.63 , 0.31 / 1.25 , 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM



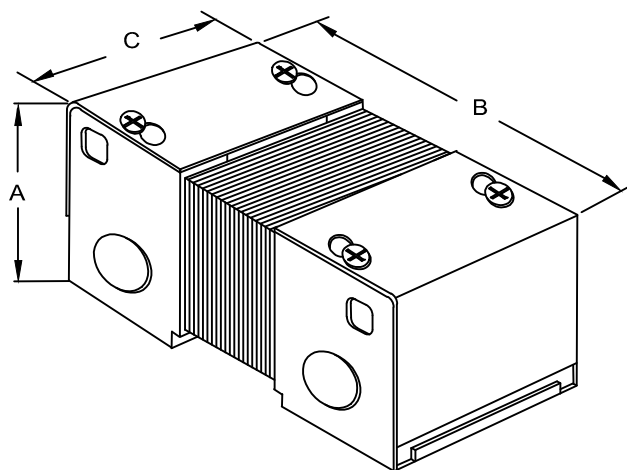
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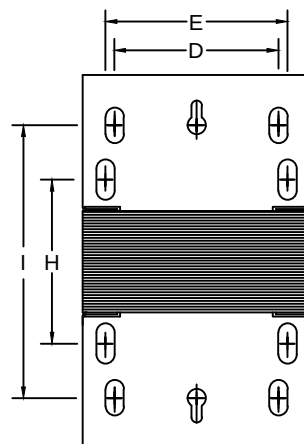
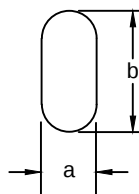
VOLTS	INTERCONNECT:	CONNECT LINES TO :
240	H1-H3 AND H2-H4	H1-H4
480	H2-H3	H1-H4

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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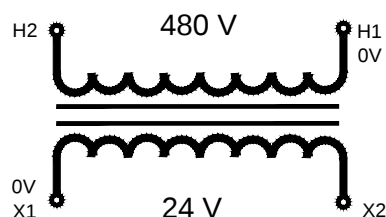
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

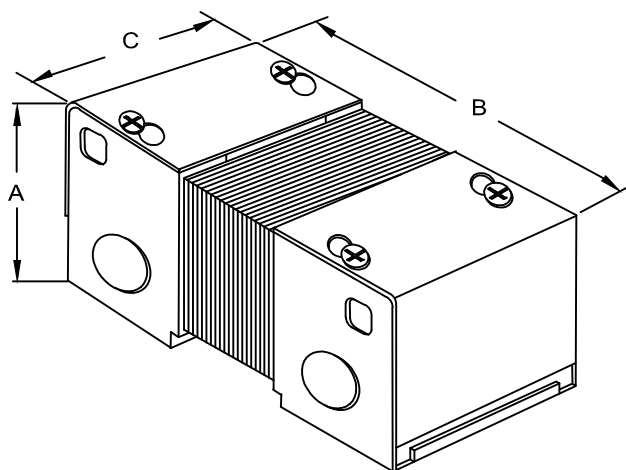
MODEL	MC150P
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	480
Secondary (Volts)	24
Input /Output Amps	0.31 / 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

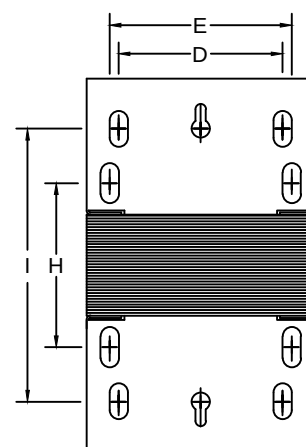
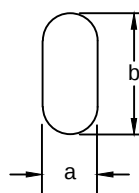


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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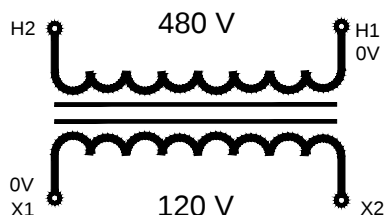
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

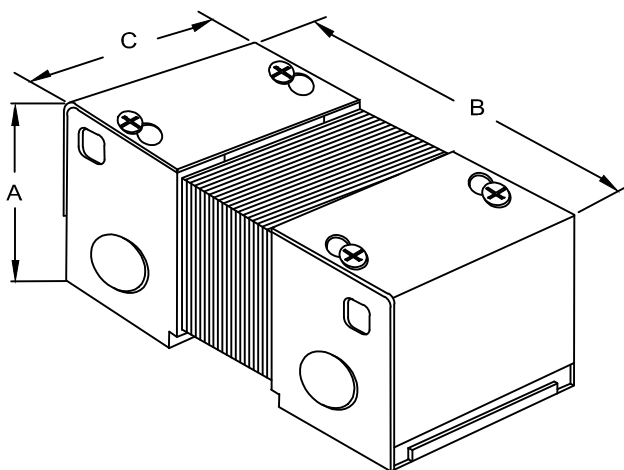
MODEL	MC150Q
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	480
Secondary (Volts)	120
Input /Output Amps	0.31 / 1.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

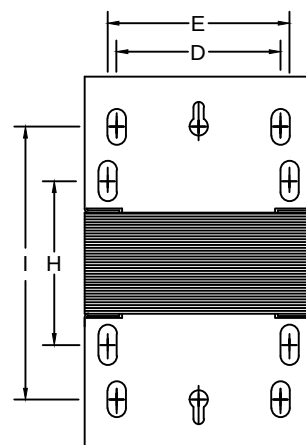
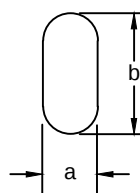


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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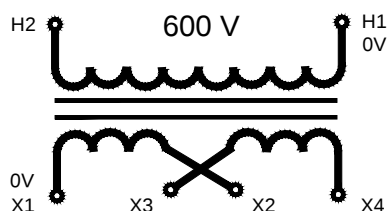
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

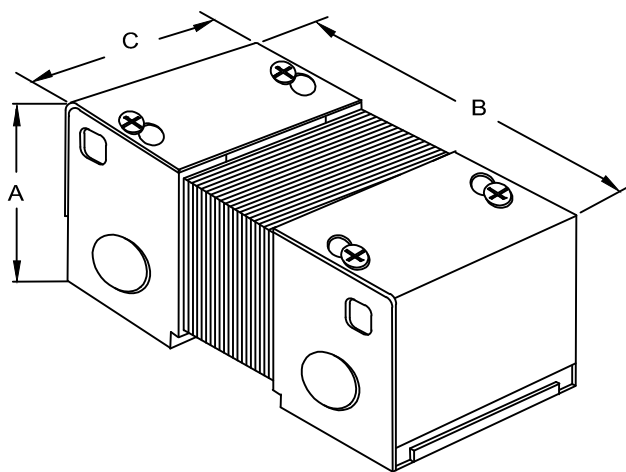
MODEL	MC150R
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	600
Secondary (Volts)	12 / 24
Input / Output Amps	0.25 / 12.5 , 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

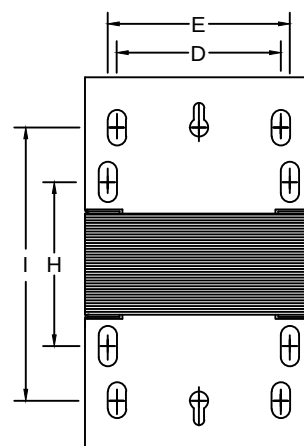
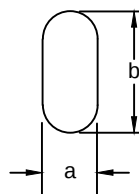


WIRING CONNECTION

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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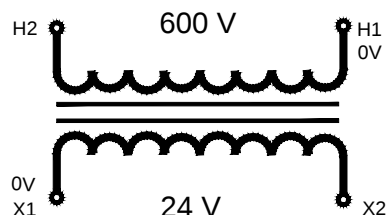
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SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

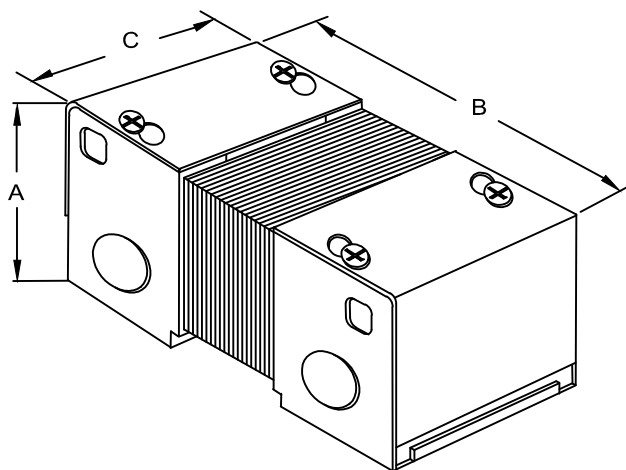
MODEL	MC150S
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	600
Secondary (Volts)	24
Input / Output Amps	0.25 / 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

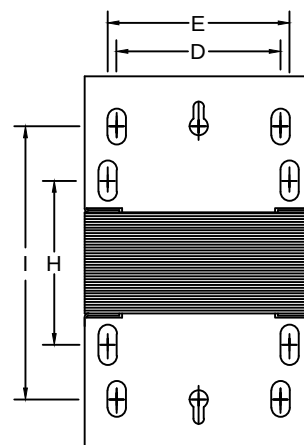
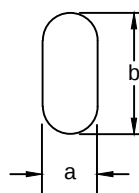


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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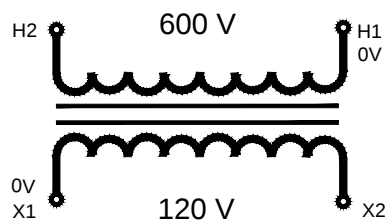
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

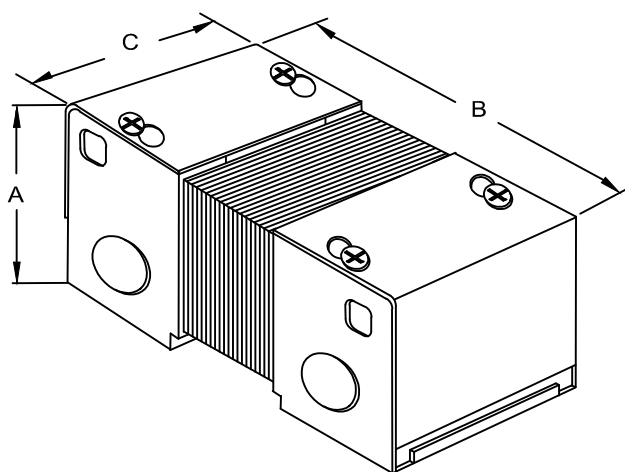
MODEL	MC150T
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	600
Secondary (Volts)	120
Input /Output Amps	0.25 / 1.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

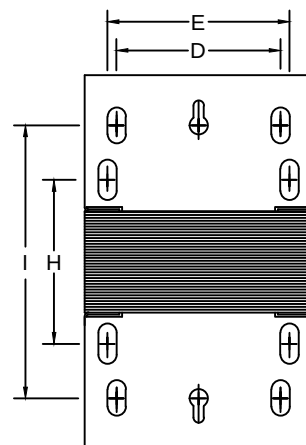
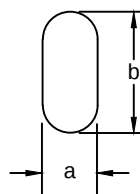


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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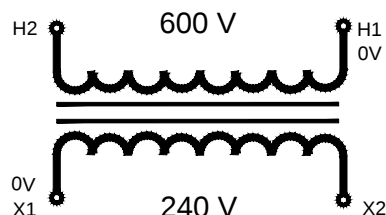
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

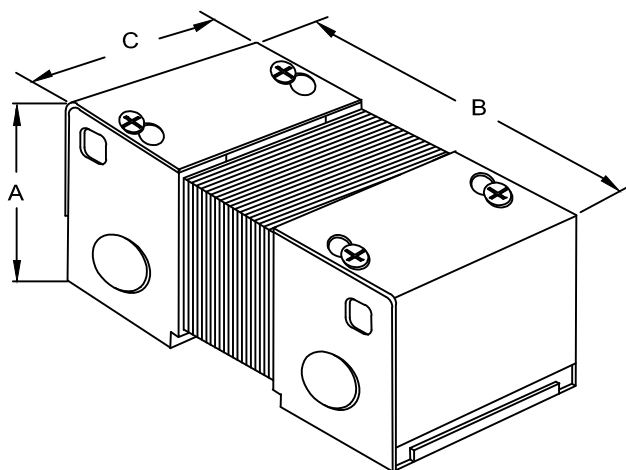
MODEL	MC150U
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	600
Secondary (Volts)	240
Input /Output Amps	0.25 / 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

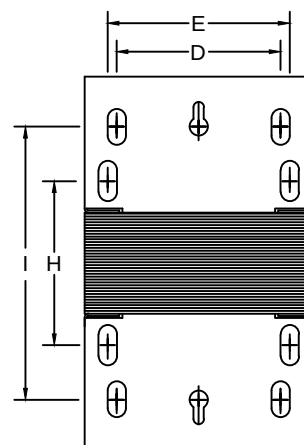
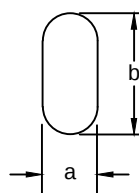


WIRING CONNECTION

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



LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



MARCUS

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

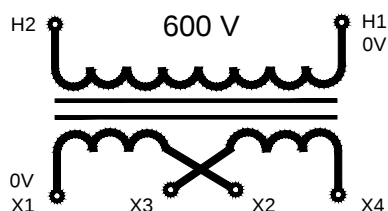
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

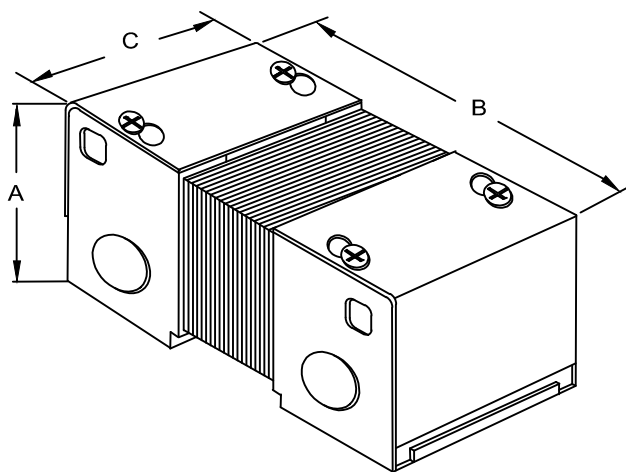
MODEL	MC150V
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	600
Secondary (Volts)	120 / 240
Input / Output Amps	0.25 / 1.25 , 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

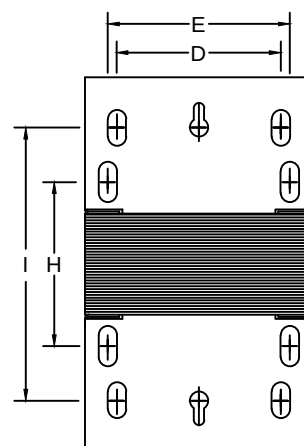
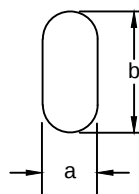


WIRING CONNECTION

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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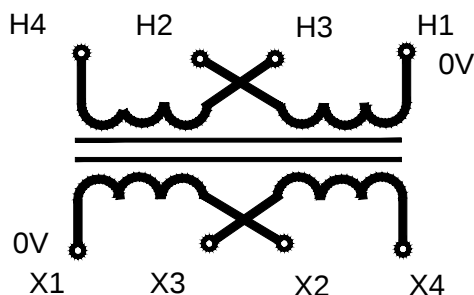
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

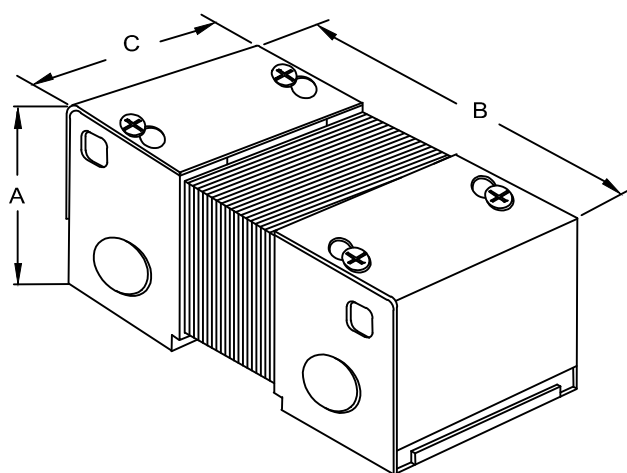
MODEL	MC150W
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	120 / 240
Secondary (Volts)	120 / 240
Input / Output Amps	1.25, 0.63 / 1.25, 0.63
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

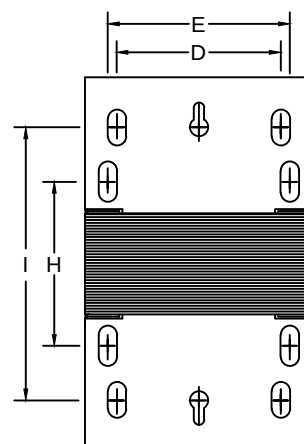
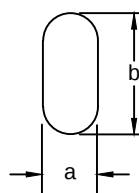


WIRING CONNECTION

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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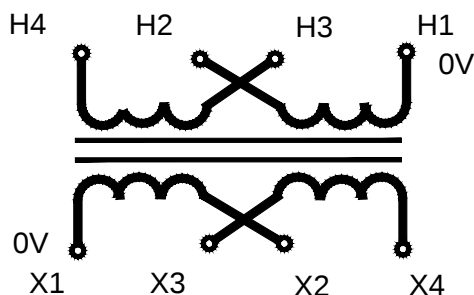
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

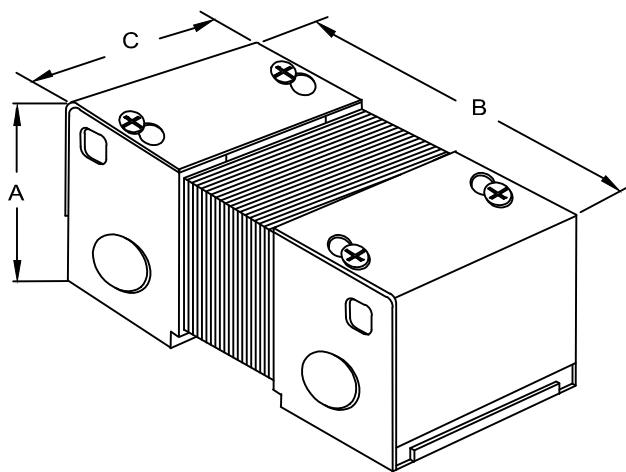
MODEL	MC150X
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	240 / 480
Secondary (Volts)	12 / 24
Input / Output Amps	0.63 , 0.31 / 12.5 , 6.25
Temperature Rise	95°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	UL listed CSA approved

CONNECTION DIAGRAM

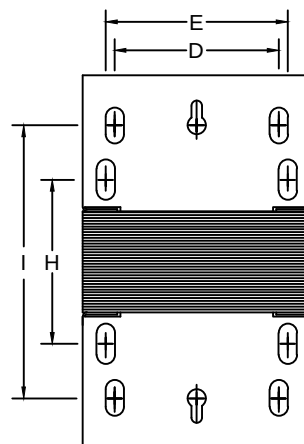
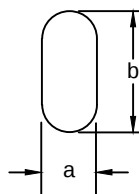


WIRING CONNECTION

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
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1



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TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

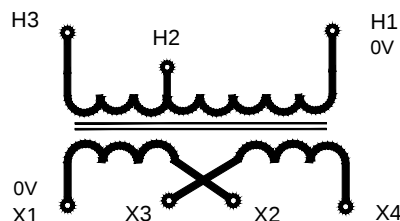
DESCRIPTION

MODEL	MC150Y
Type	Enclosed, Indoor application
VA	150
Primary (Volts)	347 / 380
Secondary (Volts)	12 / 24
Input / Output Amps	0.43 , 0.40 / 12.5 , 6.25
Temperature Rise	95°C
Insulation Class	B (130°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

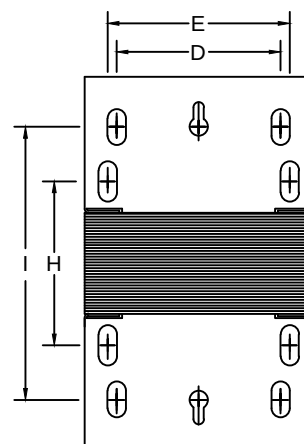
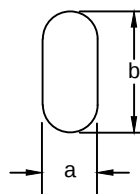
PRIMARY :

VOLTS	CONNECT LINES TO :
347	H1-H2
380	H1-H3

SECONDARY :

VOLTS	INTERCONNECT:	CONNECT LINES TO :
12	X1-X3 AND X2-X4	X1-X4
24	X2-X3	X1-X4

LETTER	MOUNTING SLOTS INCHES / MM a b
S	0.25 x 0.500 6.4 x 12.7
T	0.25 x 0.625 6.4 x 15.9



DIMENSIONS INCHES / MM

VA	A	B	C	D	E	F	G	H	I	J	K	L	M	SHIP WEIGHT LBS / KG
150	3.45 87.6	5.88 149.4	3.75 95.3	2.25 57.2	3.13 79.5			3.00(T) 76.2	4.75(S) 120.7					6.75 3.1

