



MARCUS

Marcus Transformer LTD
 Phone: 1-800-267-7376
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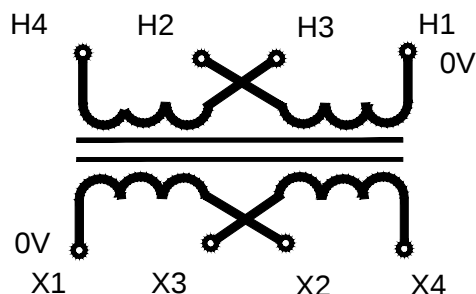
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250A
Type	Open
VA	250
Primary (Volts)	120 / 240
Secondary (Volts)	12 / 24
Input /Output Amps	2.08 , 1.04 / 20.83 , 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

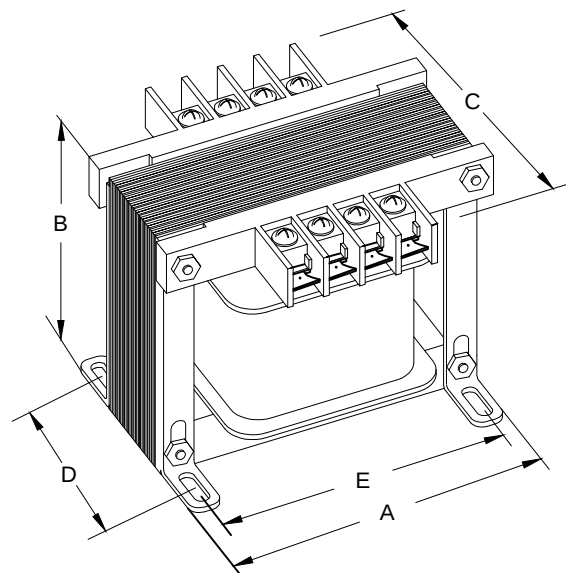


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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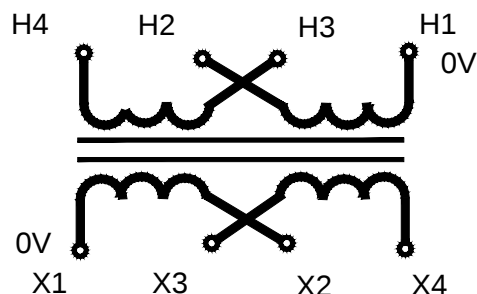
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250B
Type	Open
VA	250
Primary (Volts)	120 / 240
Secondary (Volts)	120 / 240
Input /Output Amps	2.08 , 1.04 / 2.08 , 1.04
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

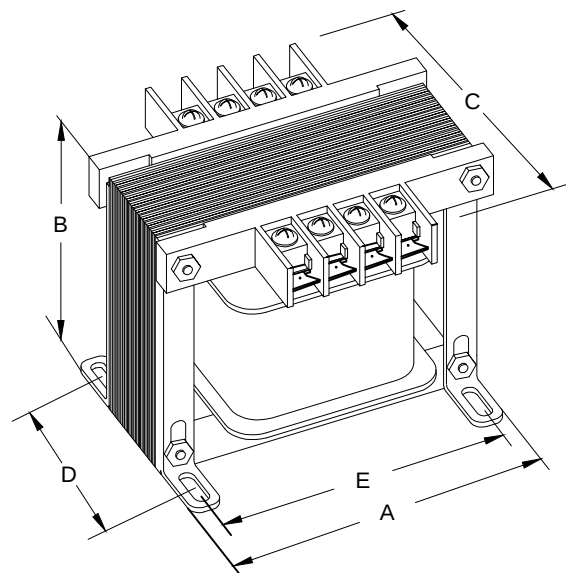


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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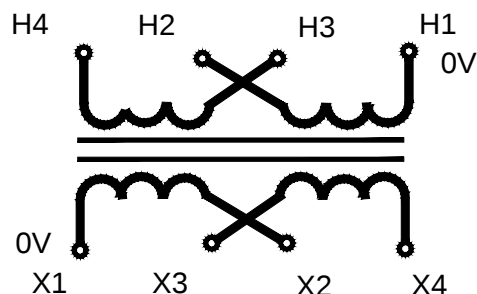
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250C
Type	Open
VA	250
Primary (Volts)	208 / 416
Secondary (Volts)	12 / 24
Input /Output Amps	1.2 , 0.6 / 20.83 , 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

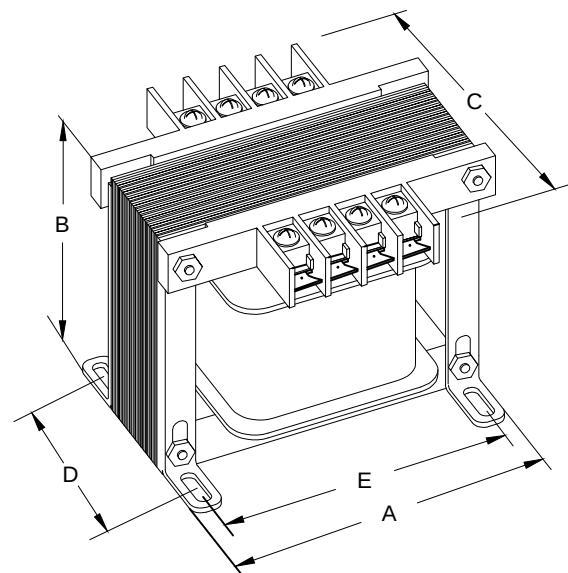


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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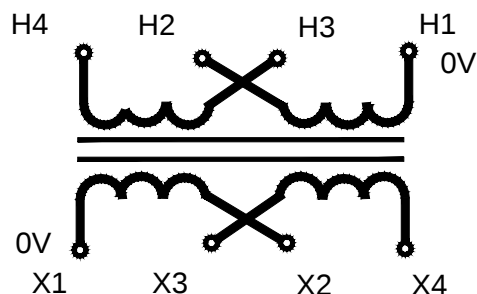
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250D
Type	Open
VA	250
Primary (Volts)	208 / 416
Secondary (Volts)	120 / 240
Input /Output Amps	1.20 , 0.60 / 2.08 , 1.04
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

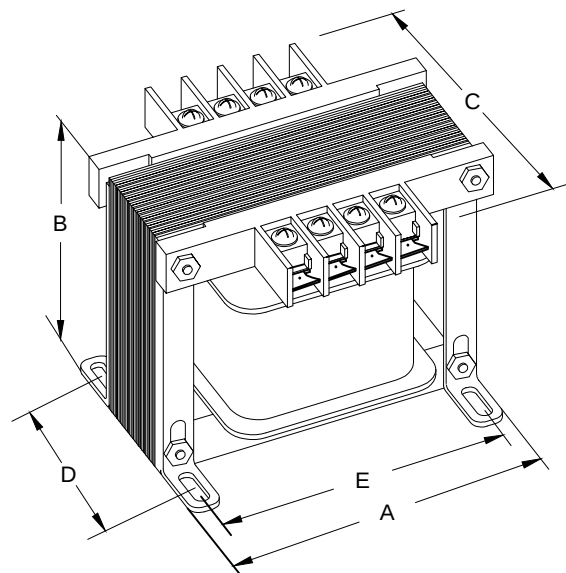


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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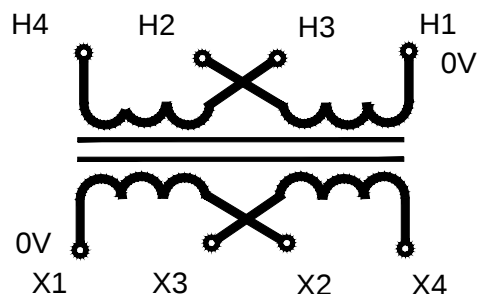
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250E
Type	Open
VA	250
Primary (Volts)	240 / 480
Secondary (Volts)	120 / 240
Input /Output Amps	1.04 , 0.52 / 2.08 , 1.04
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

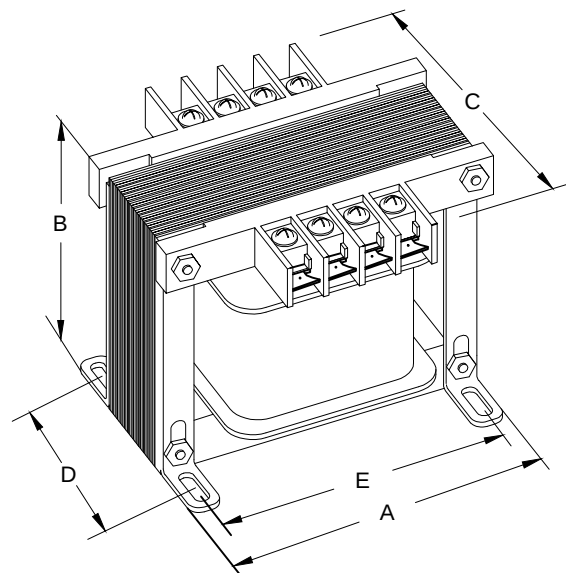


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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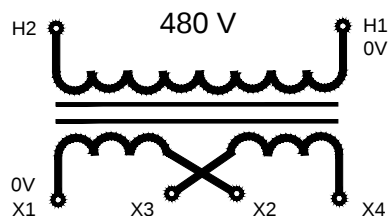
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250F
Type	Open
VA	250
Primary (Volts)	480
Secondary (Volts)	12 / 24
Input /Output Amps	0.52 / 20.83 , 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

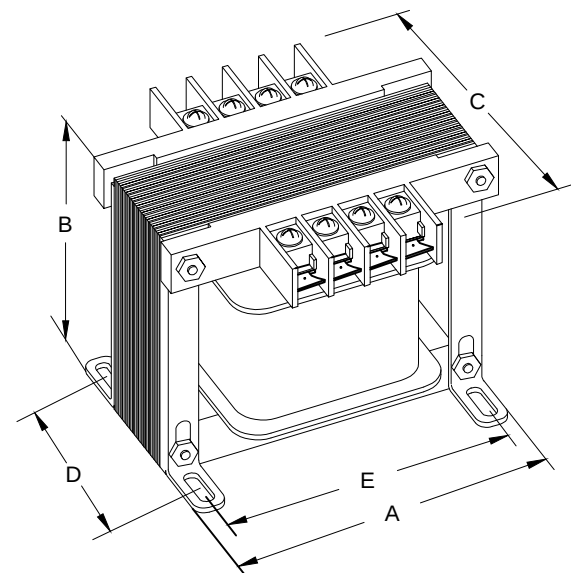


WIRING CONNECTION

PRIMARY :		
VOLTS 480	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 12 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
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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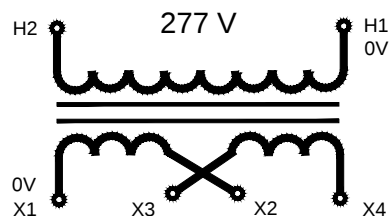
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250G
Type	Open
VA	250
Primary (Volts)	277
Secondary (Volts)	120 / 240
Input /Output Amps	0.90 / 2.08 , 1.04
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

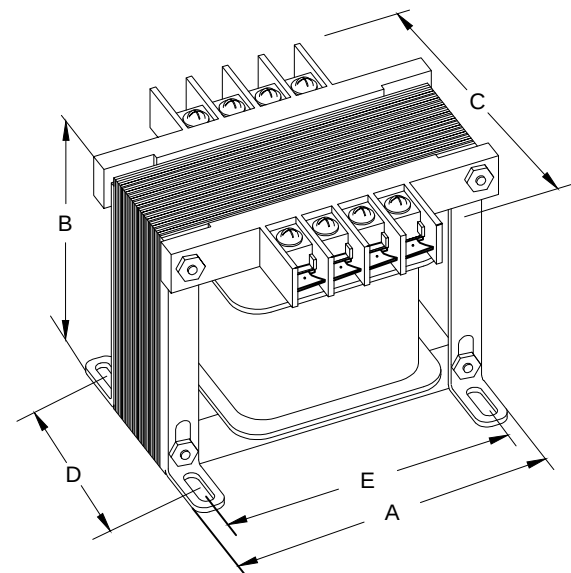


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



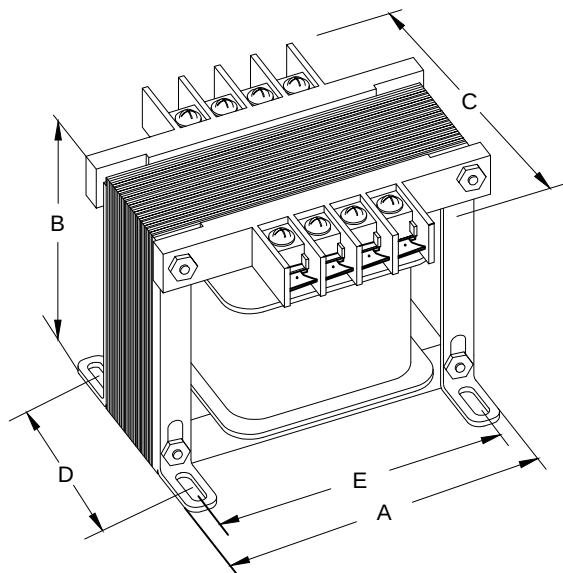
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TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

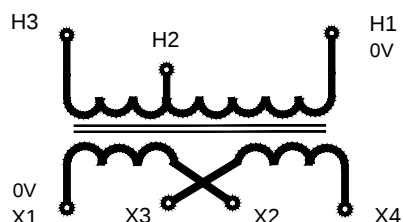
DESCRIPTION	
MODEL	MTB250H
Type	Open
VA	250
Primary (Volts)	347 / 380
Secondary (Volts)	120 / 240
Input / Output Amps	0.72 , 0.66 / 2.08 , 1.04
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



Primary Tabs

Pos.	H1	H2	H3				
Volts	0V	347	380				

CONNECTION DIAGRAM



WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4

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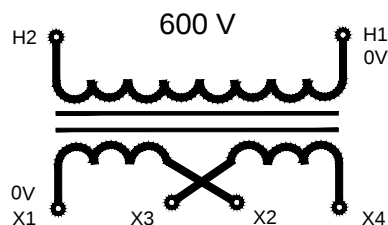
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250I
Type	Open
VA	250
Primary (Volts)	600
Secondary (Volts)	12 / 24
Input /Output Amps	0.42 / 20.83 , 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

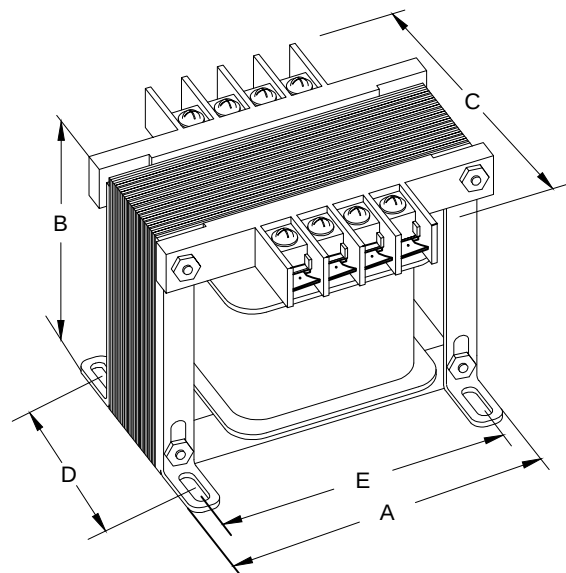


WIRING CONNECTION

PRIMARY :		
VOLTS 600	CONNECT LINES TO : H1-H2	
SECONDARY :		
VOLTS 12	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
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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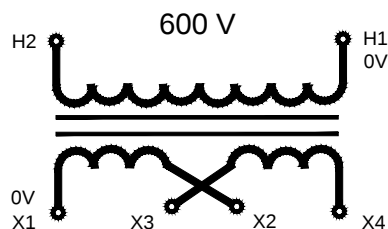
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250J
Type	Open
VA	250
Primary (Volts)	600
Secondary (Volts)	120 / 240
Input /Output Amps	0.42 / 2.08 , 1.04
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

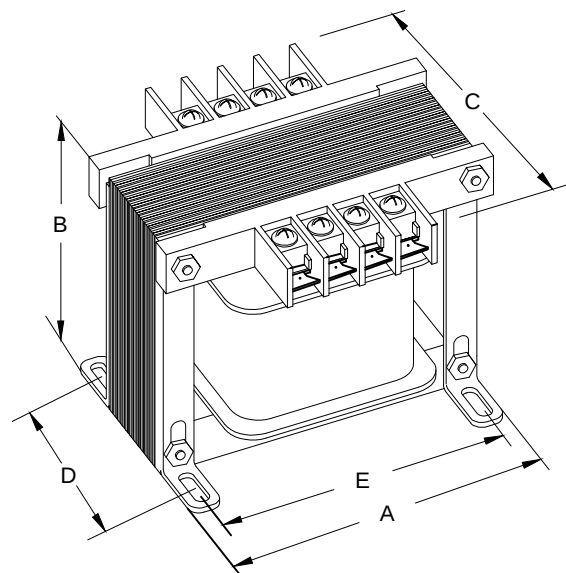


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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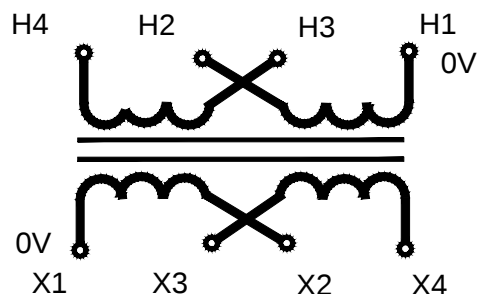
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250K
Type	Open
VA	250
Primary (Volts)	240 / 480
Secondary (Volts)	12 / 24
Input/Output Amps	1.04 , 0.52 / 20.83 , 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

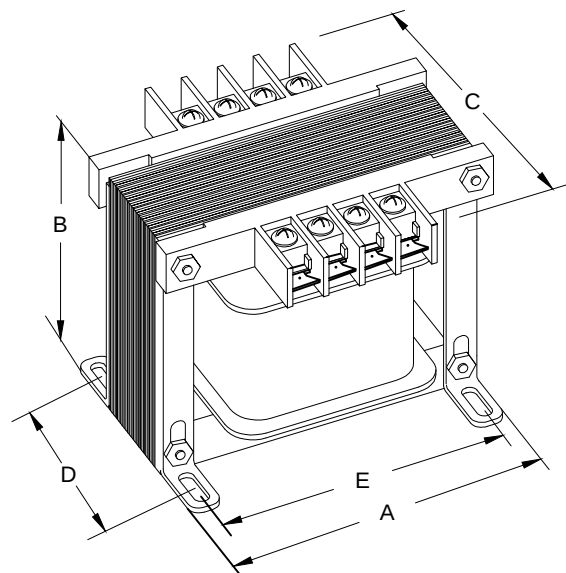


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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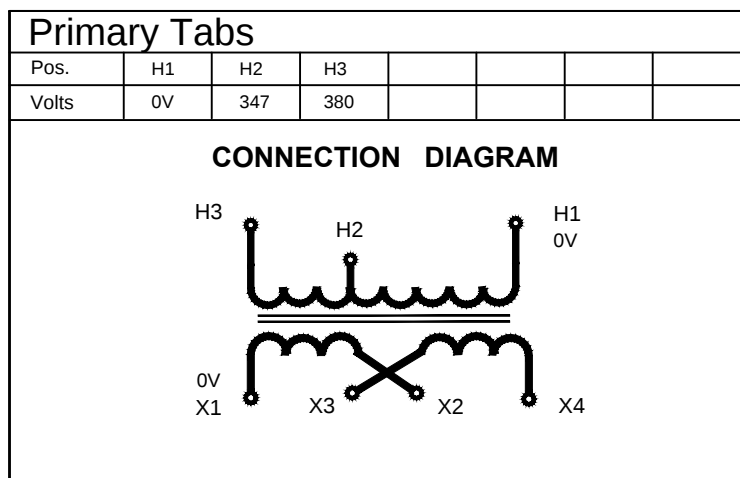
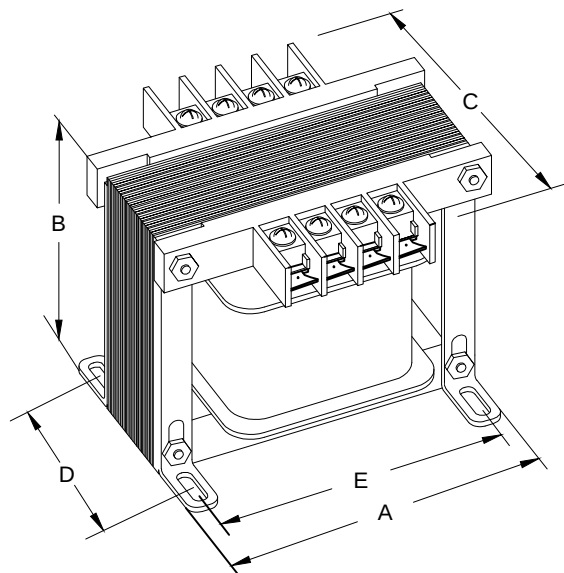
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TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION	
MODEL	MTB250L
Type	Open
VA	250
Primary (Volts)	347 / 380
Secondary (Volts)	12 / 24
Input/Output Amps	0.72 , 0.66 / 20.83 , 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



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
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4

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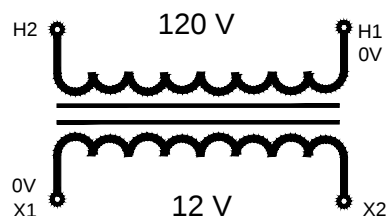
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250M
Type	Open
VA	250
Primary (Volts)	120
Secondary (Volts)	12
Input /Output Amps	2.08 / 20.83
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

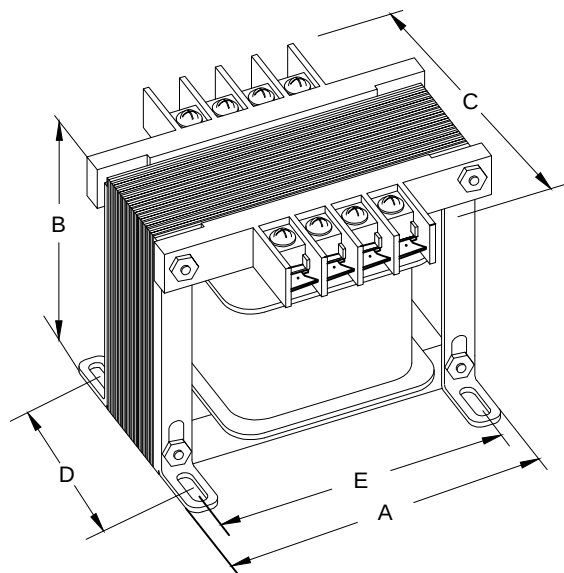


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



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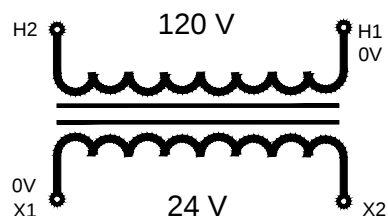
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250N
Type	Open
VA	250
Primary (Volts)	120
Secondary (Volts)	24
Input /Output Amps	2.08 / 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

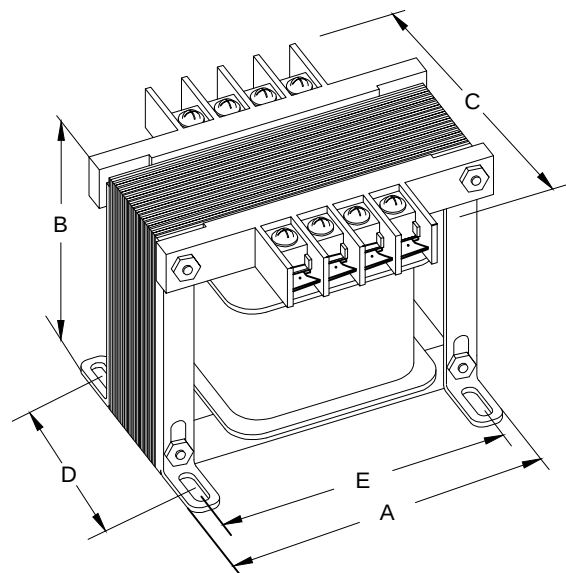


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



MARCUS

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

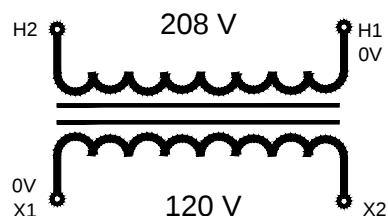
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB2500
Type	Open
VA	250
Primary (Volts)	208
Secondary (Volts)	120
Input /Output Amps	1.20 / 2.08
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

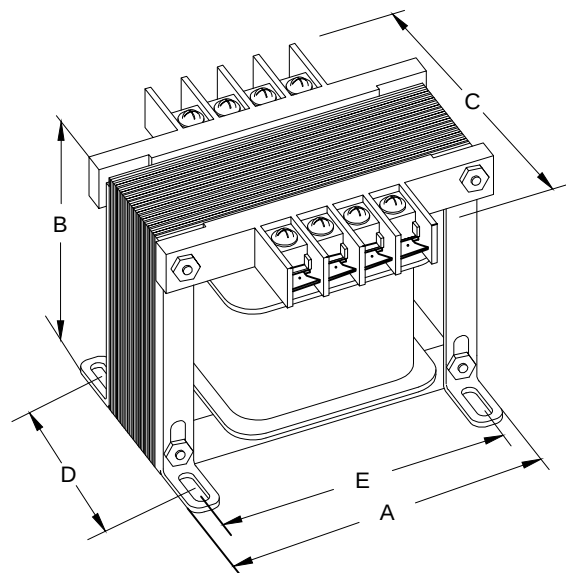


WIRING CONNECTION

PRIMARY :	
VOLTS 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
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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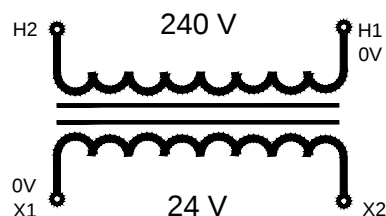
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250P
Type	Open
VA	250
Primary (Volts)	240
Secondary (Volts)	24
Input /Output Amps	1.04 / 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

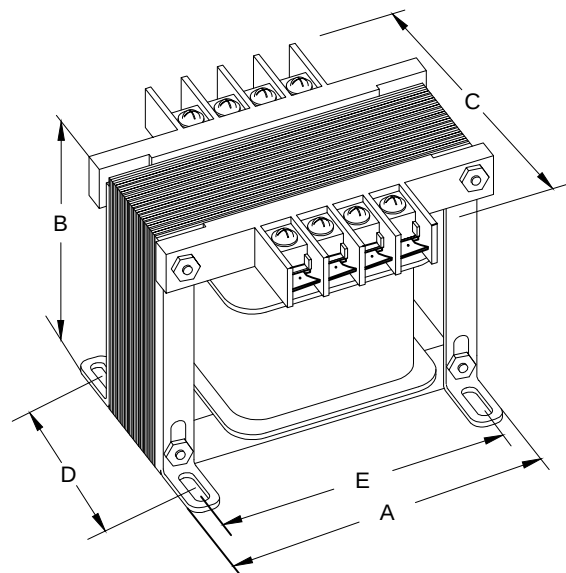


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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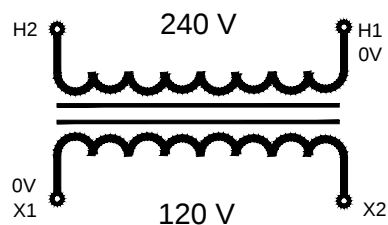
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250Q
Type	Open
VA	250
Primary (Volts)	240
Secondary (Volts)	120
Input /Output Amps	1.04 / 2.08
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

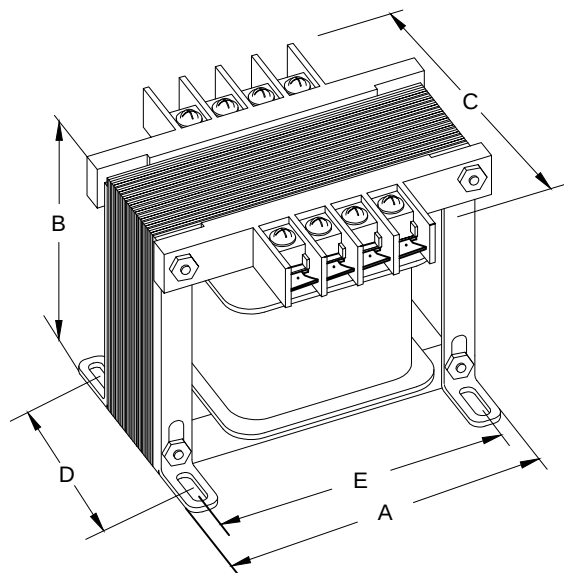


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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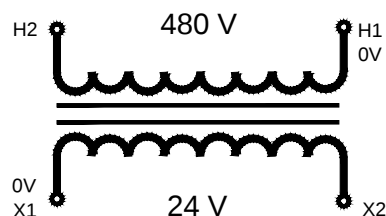
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250R
Type	Open
VA	250
Primary (Volts)	480
Secondary (Volts)	24
Input /Output Amps	0.52 / 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

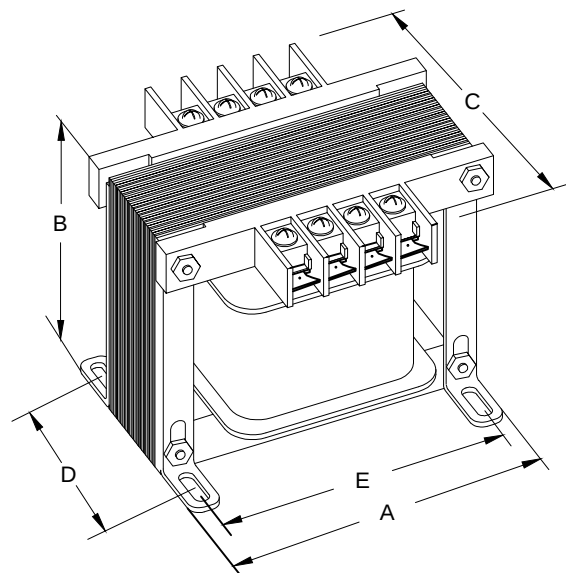


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



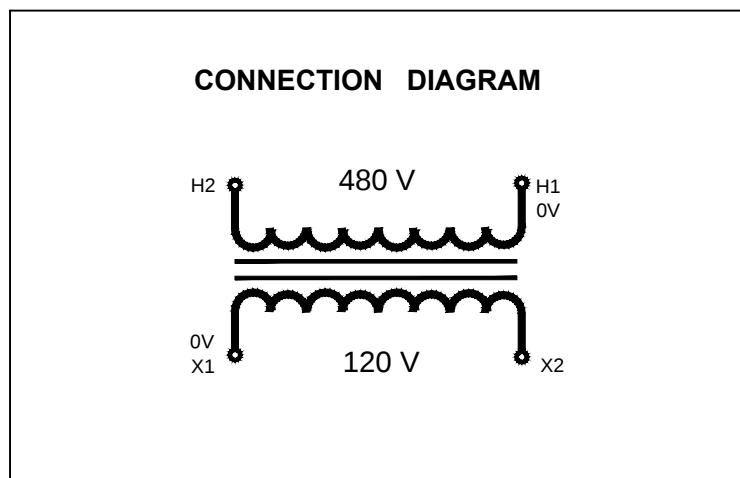
MARCUS

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 Email: Info@marcustransformer.com

TECHNICAL DATA

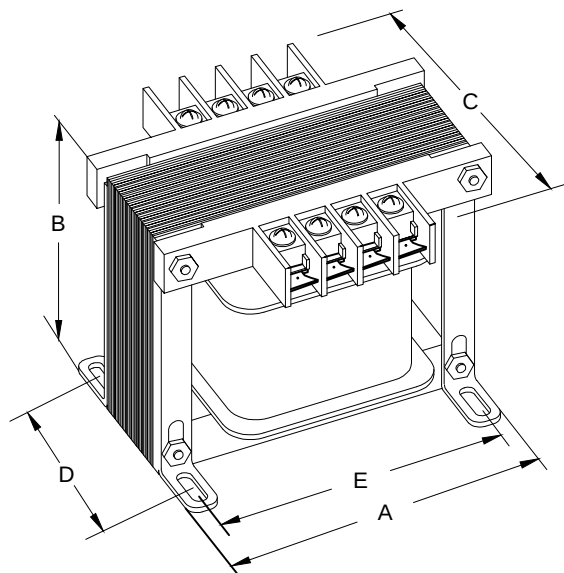
SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION	
MODEL	MTB250S
Type	Open
VA	250
Primary (Volts)	480
Secondary (Volts)	120
Input /Output Amps	0.52 / 2.08
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved



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
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4

Notes:



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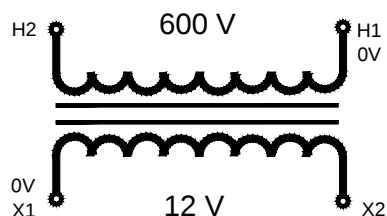
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250T
Type	Open
VA	250
Primary (Volts)	600
Secondary (Volts)	12
Input /Output Amps	0.42 / 20.83
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

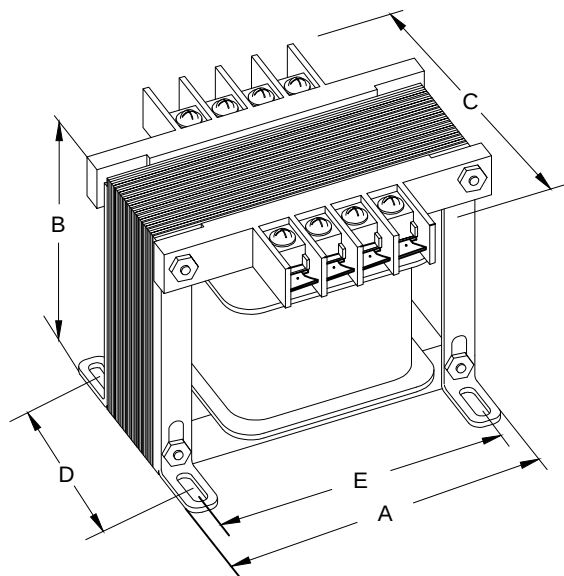


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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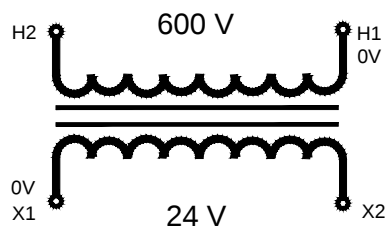
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250U
Type	Open
VA	250
Primary (Volts)	600
Secondary (Volts)	24
Input /Output Amps	0.42 / 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

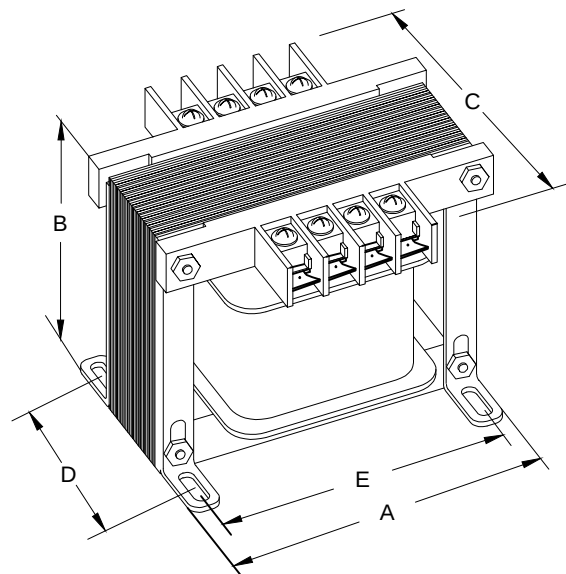


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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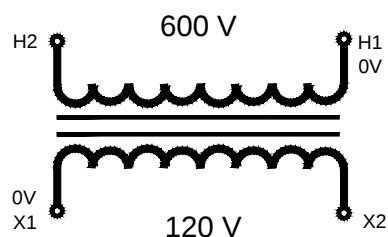
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250V
Type	Open
VA	250
Primary (Volts)	600
Secondary (Volts)	120
Input /Output Amps	0.42 / 2.08
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

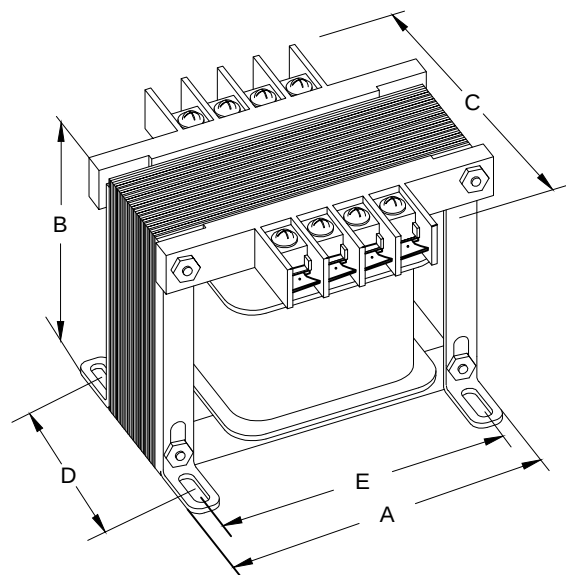


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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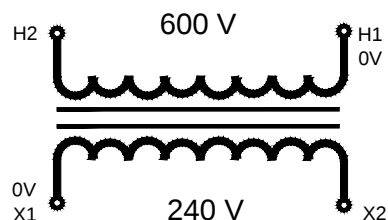
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250W
Type	Open
VA	250
Primary (Volts)	600
Secondary (Volts)	240
Input /Output Amps	0.42 / 1.04
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

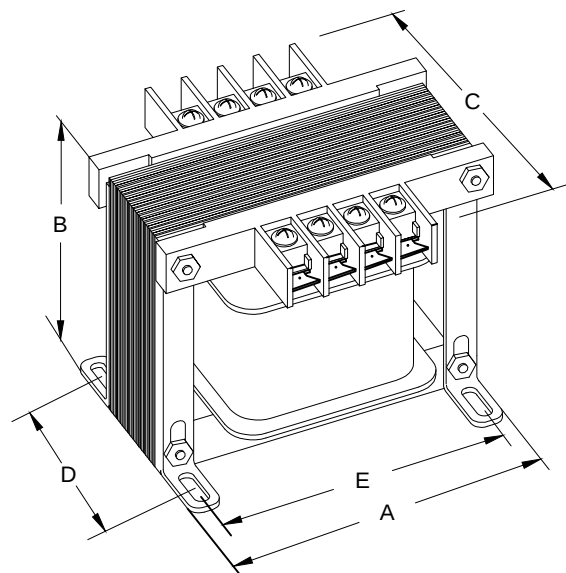


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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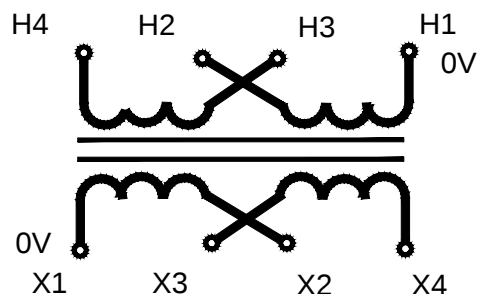
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250X
Type	Open
VA	250
Primary (Volts)	120 / 240
Secondary (Volts)	16 / 32
Input /Output Amps	2.08 , 1.04 / 15.63 , 7.81
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	50 / 60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

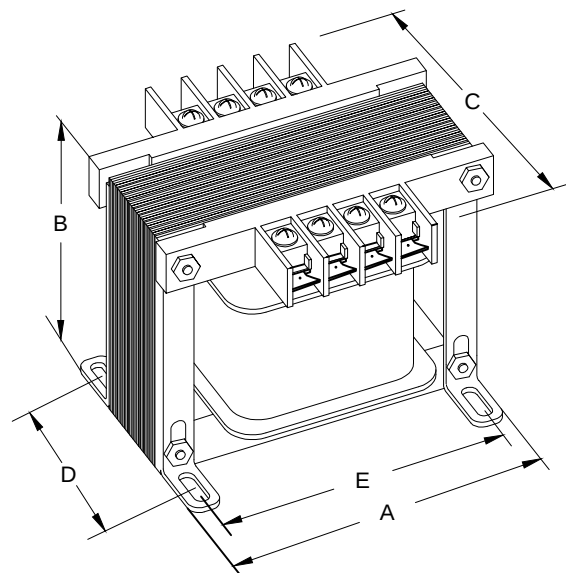


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes:



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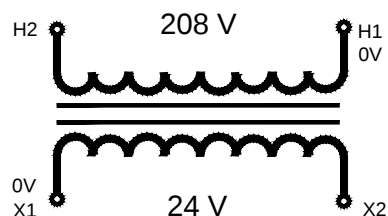
TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

DESCRIPTION

MODEL	MTB250Y
Type	Open
VA	250
Primary (Volts)	208
Secondary (Volts)	24
Input /Output Amps	1.20 / 10.42
Temperature Rise	80°C
Insulation Class	B (130°C)
Frequency	60Hz
Polarity	additive
Noise level	less than 40DB
Winding	Copper
Approvals	CE compliant UL listed CSA approved

CONNECTION DIAGRAM

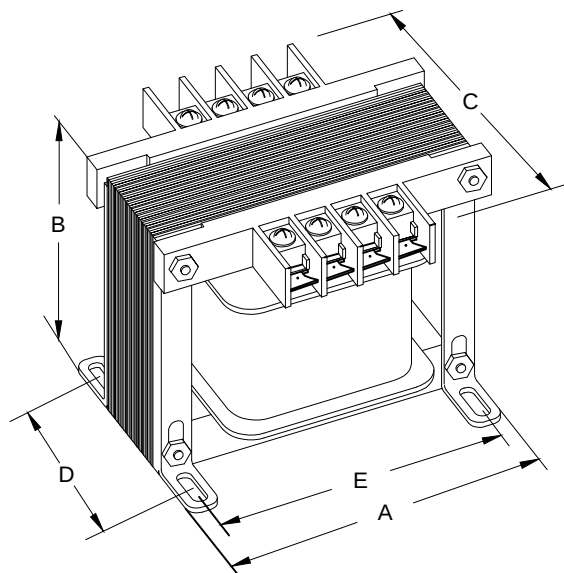


WIRING CONNECTION

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

DIMENSIONS INCHES / MM

VA	A	B	C	D	E	MOUNTING HOLES INCHES / MM	SHIP WEIGHT LBS / KG
250	4.50 114.3	3.75 95.3	4.25 108.0	2.75 69.9	3.75 95.3	0.21 x 0.625 5.3 x 15.9	7.50 3.4



Notes: