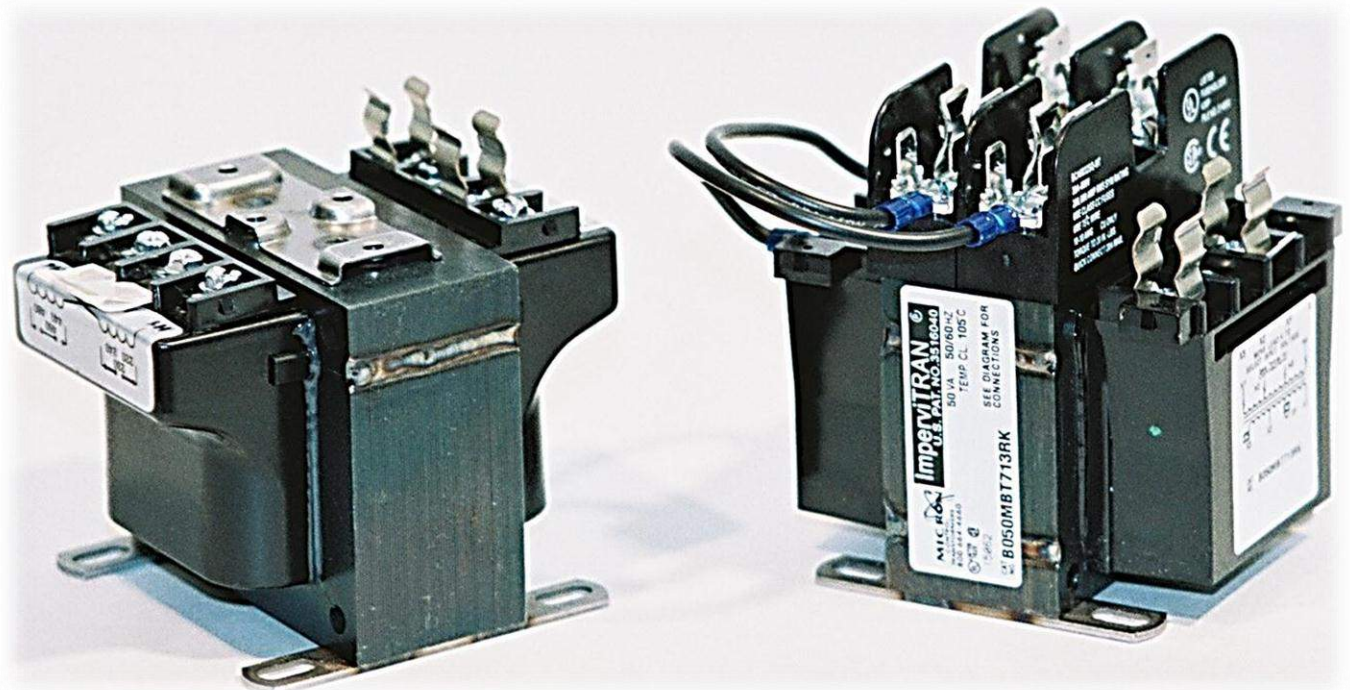


ImperviTRAN™

By Micron Power Delivery

Advanced transformers built for the industrial environment



Catalog
CCT-12A

Supersedes: CCT-11A

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TRANSFORMER SELECTION PROCESS

REGULATION DATA CHART

Inrush VA at 20% Power Factor

VA	NEMA / IEC 95% Sec. Voltage	NEMA / IEC 90% Sec. Voltage	NEMA / IEC 85% Sec. Voltage
25 ¹	100 / ----	130 / ---	150 / ---
50 ¹	170 / 190	200 / 220	240 / 270
75 ¹	310 / 350	410 / 460	540 / 600
100 ¹	370 / 410	540 / 600	730 / 810
150 ²	780 / 850	930 / 1030	1150 / 1270
200 ²	810 / 900	1150 / 1270	1450 / 1600
250 ²	1400 / 1540	1900 / 2090	2300 / 2530
300 ²	1900 / 2090	2700 / 2970	3850 / 4240
350 ²	3100 / 3410	3650 / 4020	4800 / 5280
500 ²	4000 / 4400	5300 / 5830	7000 / 7700
750 ²	8300 / 9130	11000 / 12100	14000 / 15400
1000 ²	15000 / 16500	21000 / 23000	27000 / 29500
1000 ³	9000 / 9900	13000 / 14300	18500 / 20300
1500 ³	10500 / 11500	15000 / 16500	20500 / 22500
2000 ³	17000 / 18900	25500 / 27300	34000 / 36400
3000 ³	24000 / 25700	36000 / 38500	47500 / 50200
5000 ³	55000 / 58800	92500 / 98900	115000 / 122000

¹ For units with class 105° C insulation system.

² For units with class 130° C insulation system.

³ For units with class 180° C insulation system.

SELECTION PROCESS

Selecting a transformer for industrial control circuit applications requires understanding the relationships between the following terms.

INRUSH VA is the product of the *load voltage (V)* multiplied by the *current (A)* that is required during start-up. This is also known as *magnetizing current*. It is calculated by adding together the inrush VA of all components that might be energized simultaneously. Inrush VA is available from the component manufacturer.

SEALED VA also called *Steady State VA* is the product of the *load voltage (V)* multiplied by the *current (A)* that is required during normal operation. It is calculated by adding together the sealed VA of all components that might be operating simultaneously. Sealed VA is available from the component manufacturer.

PRIMARY VOLTAGE is the voltage available from the distribution system and its operational frequency, which is connected to the transformer *supply* voltage (H) terminals.

SECONDARY VOLTAGE is the voltage required for load operation, which is connected to the transformer *load* voltage. (X) terminals.

Once the circuit variables have been determined, transformer selection is a simple four step process:

- 1) Based on the industry accepted formula: **Application Inrush VA = $\sqrt{(\text{Inrush VA})^2 + (\text{Sealed VA})^2}$**
- 2) Refer to the regulation data chart. If the load can tolerate a 10% voltage sag upon start-up select from the 90% secondary voltage column; if only 5%, select from the 95% column.
- 3) After determining the proper secondary voltage column, read down until a value equal or greater than the Application Inrush VA is found. The numbers indicate the *maximum* Application Inrush VA that will still generate the required secondary voltage upon start-up.
- 4) Read left to the transformer VA column and select the proper transformer for the application. *As a final check make sure that the Transformer VA is equal or greater than the total Sealed VA requirements.*

ImperviTRAN™ PRODUCT SELECTION GUIDE

GENERAL SPECIFICATIONS:

BUILDING STYLE:

Series 2 IMPERVITRAN

IMPERVITRAN (non-Series 2) highlighted in blue

Approvals: UL/cUL File #E46323

Approvals: UL File #E46323/CSA File #LR27533

TERMINAL TIGHTENING TORQUE (ALL IMPERVITRAN STYLES): ≤30A: 20 lb/in; >30A: 30 lb/in

TERMINAL NUMBER: Column “T” denotes terminal count needed to select terminal cover kits

Sold as 10-Paks. TPTC-2001 fits all 4-terminal designs; TPTC-2002 fits all 6-terminal designs

SUFFIX DESCRIPTION:

“J” in suffix denotes jumpers necessary for operation

“K” in suffix denotes installed secondary fuse clips

“-1” in suffix denotes installed secondary fuse clips (serialized P/Ns)

“-3” in suffix denotes no fuse clips on unit (serialized P/Ns)

“R” in suffix denotes installed Class “CC” primary fuse block

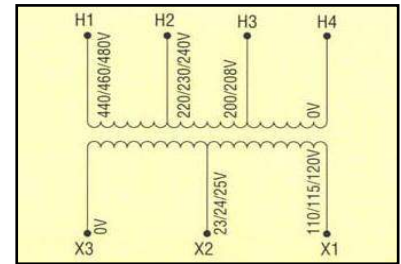
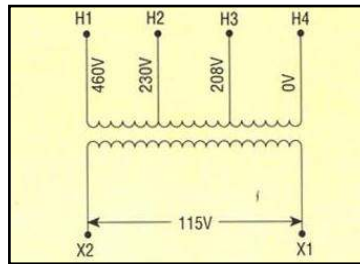
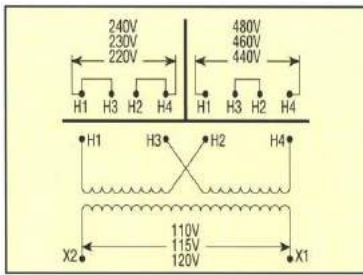
“-8 or -5” in suffix denotes installed Class “CC” primary fuse block (serialized P/Ns)

“X” in suffix is a place holder. The letter it replaces is not available on that unit

Two letter suffix denotes Temp Class 105°C

Three letter suffix ending in “F” denotes Temp Class 130°C

Three letter suffix ending in “H” denotes Temp Class 180°C

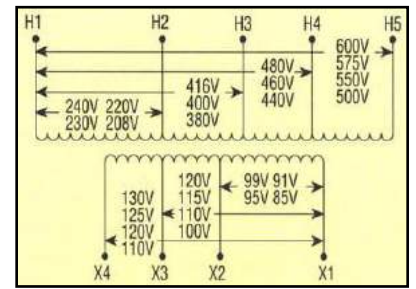
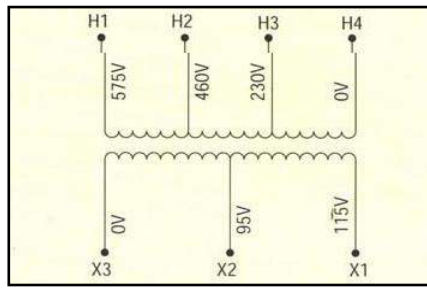
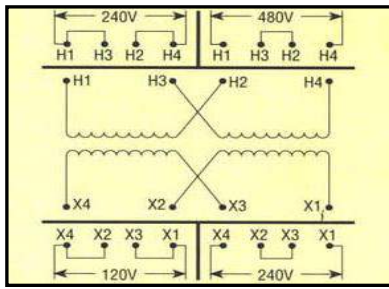


Primary: 220 x 440, 230 x 460, 240 x 480 Secondary: 110/115/120			
T	F.L.A.	VA	CATALOG NUMBER
4	0.43	50	B050BTZ13JK
4	0.65	75	B075BTZ13JK
4	0.87	100	B100BTZ13JK
4	1.30	150	B150BTZ13JKF
4	1.74	200	B200BTZ13JKF
4	2.17	250	B250BTZ13JKF
4	2.61	300	B300BTZ13JKF
4	3.04	350	B350BTZ13JKF
6	4.35	500	B500BTZ13JKF
6	6.52	750	B750BTZ13JKF
6	8.70	1000	B1K0BTZ13JKF
6	13.04	1500	B1K5BTZ13JKF
6	17.39	2000	B2K0BTZ13JKH
6	26.09	3000	B3K0BTZ13JXH
6	43.48	5000	B5K0BTZ13JXH

Primary: 208, 230, 460 Secondary: 115			
T	F.L.A.	VA	CATALOG NUMBER
4	0.43	50	B050MBT13XK
4	0.65	75	B075MBT13XK
4	0.87	100	B100MBT13XK
4	1.30	150	B150MBT13XKF
4	1.74	200	B200MBT13XKF
4	2.17	250	B250MBT13XKF
4	2.61	300	B300MBT13XKF
4	3.04	350	B350MBT13XKF
6	4.35	500	B500MBT13XKF
6	6.52	750	B750MBT13XKF
6	8.70	1000	B1K0MBT13XKF
6	13.04	1500	B1K5MBT13XKF
6	17.39	2000	B2K0MBT13XKH
6	26.09	3000	B3K0MBT13XXH
6	43.48	5000	B5K0MBT13XXH

Primary: 208/230/460 Secondary: 24/115			
T	F.L.A.	VA	CATALOG NUMBER
4	2.08/0.44	50	B050-2000-1
4	3.13/0.65	75	B075-2001-1
4	4.17/0.87	100	B100-2002-1
4	6.25/1.30	150	B150-2003-1F
4	8.33/1.74	200	B200-2004-1F
4	10.42/2.17	250	B250-2005-1F
6	12.50/2.61	300	B300-2006-1F
6	14.58/3.04	350	B350-2007-1F
6	20.84/4.35	500	B500-2008-1F
6	31.30/6.50	750	B750-2009-1F
6	41.70/8.70	1000	B1K0-2010-1F

MICRON ALSO OFFERS THE *DINergy*™ LINE OF INDUSTRIAL DIN-MOUNT POWER SUPPLIES FROM 18 – 960 WATT PLUS SINGLE PHASE AND THREE PHASE LVGP AND BUCK-BOOST TRANSFORMERS

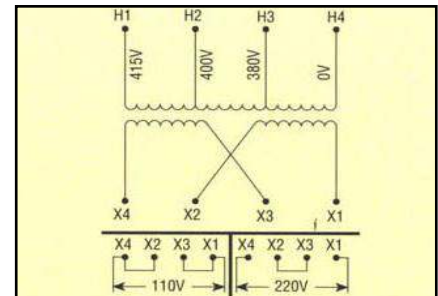
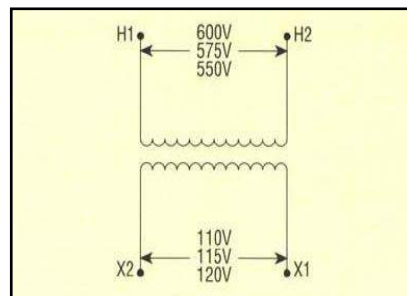
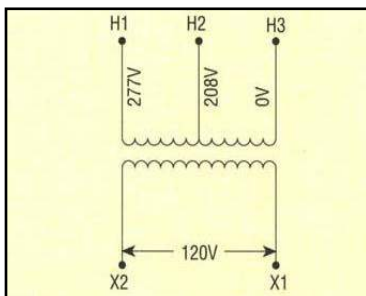


Primary: 240 x 480 Secondary: 120 x 240			
T	F.L.A.	VA	CATALOG NUMBER
4	0.42/0.21	50	B050PU1519JJ
4	0.63/0.31	75	B075PU1519JJ
4	0.83/0.42	100	B100PU1519JJ
4	1.25/0.63	150	B150PU1519JJF
4	1.67/0.83	200	B200PU1519JJF
4	2.08/1.04	250	B250PU1519JJF
4	2.50/1.25	300	B300PU1519JJF
4	2.92/1.46	350	B350PU1519JJF
6	4.17/2.08	500	B500PU1519JJF
6	6.25/3.12	750	B750PU1519JJF
6	8.70/4.35	1000	B1K0-0500-3F
6	13.04/6.52	1500	B1K5-0501-3H
6	17.39/8.70	2000	B2K0-0502-3H
6	26.09/13.04	3000	B3K0-0503-3H
6	43.48/21.74	5000	B5K0-0504-3H

Primary: 230, 460, 575 Secondary: 95, 115			
T	F.L.A.	VA	CATALOG NUMBER
4	0.53/0.44	50	B050BTW37XX
4	0.79/0.65	75	B075BTW37XX
4	1.05/0.87	100	B100BTW37XX
4	1.58/1.30	150	B150BTW37XXF
4	2.11/1.74	200	B200BTW37XXF
4	2.63/2.17	250	B250BTW37XXF
4	3.16/2.61	300	B300BTW37XXF
4	3.68/3.04	350	B350BTW37XXF
6	5.26/4.35	500	B500BTW37XXF
6	7.89/6.52	750	B750BTW37XXF
6	10.53/8.70	1000	B1K0BTWZ37XKH
6	15.79/13.04	1500	B1K5BTWZ37XKH
6	21.05/17.39	2000	B2K0BTWZ37XKH
6	31.58/26.09	3000	B3K0BTWZ37XXH
6	52.63/43.48	5000	B5K0BTWZ37XXH

Primary: 208 - 600 Secondary: 85 - 130			
T	F.L.A.	VA	CATALOG NUMBER
6	0.38	50	B050-0482-1
6	0.77	100	B100-0483-1
6	1.15	150	B150-0484-1F
6	1.92	250	B250-0485-1F
6	2.69	350	B350-0486-1F
6	3.85	500	B500-0487-1F
6	5.77	750	B750-0488-1F

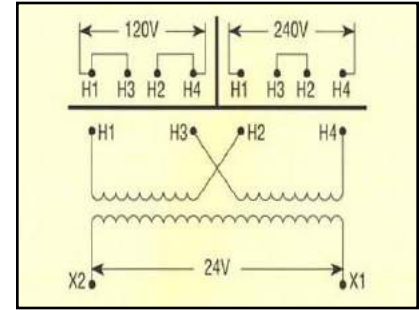
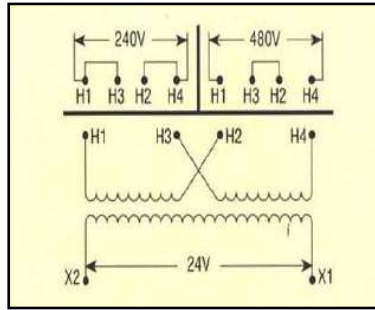
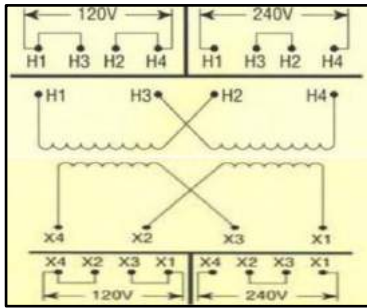
IMPERVITRAN (non-Series 2)



Primary: 208, 277 Secondary: 120			
T	F.L.A.	VA	CATALOG NUMBER
4	0.42	50	B050MQ15XK
4	0.63	75	B075MQ15XK
4	0.83	100	B100MQ15XK
4	1.25	150	B150MQ15XKF
4	1.67	200	B200MQ15XKF
4	2.08	250	B250MQ15XKF
4	2.50	300	B300MQ15XKF
4	2.92	350	B350MQ15XKF
6	4.17	500	B500MQ15XKF
6	6.25	750	B750MQ15XKF

Primary: 550/575/600 Secondary: 110/115/120			
T	F.L.A.	VA	CATALOG NUMBER
4	0.42	50	B050WZ13XK
4	0.65	75	B075WZ13XK
4	0.87	100	B100WZ13XK
4	1.30	150	B150WZ13XKF
4	1.74	200	B200WZ13XKF
4	2.17	250	B250WZ13XKF
4	2.61	300	B300WZ13XKF
4	3.04	350	B350WZ13XKF
6	4.35	500	B500WZ13XKF
6	6.52	750	B750WZ13XKF

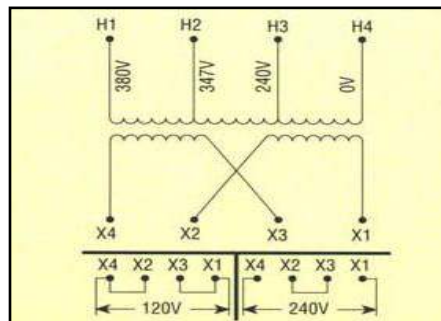
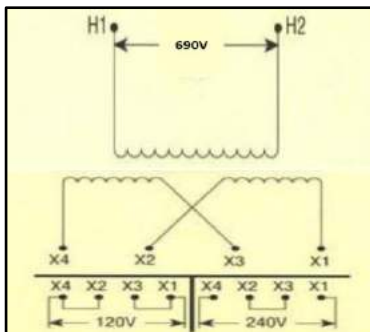
Primary: 380, 400, 415 Secondary: 110 x 220			
T	F.L.A.	VA	CATALOG NUMBER
4	0.46/0.23	50	B050RFD34XJ
4	0.68/0.34	75	B075RFD34XJ
4	0.91/0.46	100	B100RFD34XJ
4	1.37/0.69	150	B150RFD34XJF
4	1.82/0.91	200	B200RFD34XJF
4	2.28/1.14	250	B250RFD34XJF
4	2.72/1.36	300	B300RFD34XJF
4	3.18/1.59	350	B350RFD34XJF
6	4.55/2.27	500	B500RFD34XJF
6	6.82/3.41	750	B750RFD34XJF



Primary: 120 x 240 Secondary: 120 x 240			
T	F.L.A.	VA	CATALOG NUMBER
4	0.42/0.21	50	B050LP1519JJ
4	0.83/0.42	100	B100LP1519JJ
4	1.25/0.63	150	B150LP1519JJF
4	2.08/1.04	250	B250LP1519JJF
4	2.92/1.46	350	B350LP1519JJF
6	4.17/2.08	500	B500LP1519JJF
6	6.25/3.12	750	B750LP1519JJF

Primary: 240 x 480 Secondary: 24			
T	F.L.A.	VA	CATALOG NUMBER
4	2.08	50	B050PU7JK
4	3.13	75	B075PU7JK
4	4.17	100	B100PU7JK
4	6.25	150	B150PU7JKF
4	8.33	200	B200PU7JKF
4	10.42	250	B250PU7JKF
4	12.50	300	B300PU7JKF
4	14.58	350	B350PU7JKF
6	20.83	500	B500PU7JKF
6	31.25	750	B750PU7JKF

Primary: 120 x 240 Secondary: 24			
T	F.L.A.	VA	CATALOG NUMBER
4	2.08	50	B050LP7JK
4	3.13	75	B075LP7JK
4	4.17	100	B100LP7JK
4	6.25	150	B150LP7JKF
4	8.33	200	B200LP7JKF
4	10.42	250	B250LP7JKF
4	12.50	300	B300LP7JKF
4	14.58	350	B350LP7JKF
6	20.83	500	B500LP7JKF
6	31.25	750	B750LP7JKF

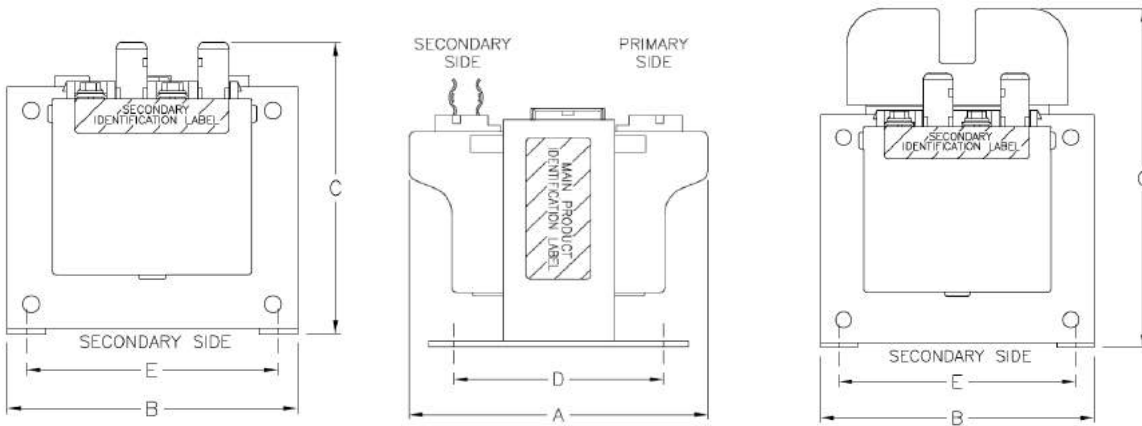


(non UL) Primary: 690 (non CSA) Secondary: 120 x 240			
T	F.L.A.	VA	CATALOG NUMBER
4	0.42/0.21	50	B050-3656-5
4	0.83/0.42	100	B100-3657-5
4	1.25/0.63	150	B150-0653-5F
4	2.08/1.04	250	B250-0654-5F
4	2.92/1.46	350	B350-0655-5F
6	4.17/2.08	500	B500-0656-5F
6	6.25/3.12	750	B750-0657-5F

Primary: 240, 347, 380 Secondary: 120 x 240			
T	F.L.A.	VA	CATALOG NUMBER
6	8.33/4.17	1000	B1K0-0321-3F
6	12.50/6.25	1500	B1K5-0322-3H
6	16.67/8.33	2000	B2K0-0323-3H
6	25.00/12.50	3000	B3K0-0324-3H
6	41.67/20.83	5000	B5K0-0325-3H
IMPERVITRAN (Non-Series 2)			

MICRON ALSO OFFERS THE *DINergy™* LINE OF INDUSTRIAL DIN-MOUNT POWER SUPPLIES FROM 18 – 960 WATT PLUS SINGLE PHASE AND THREE PHASE LVGP AND BUCK-BOOST TRANSFORMERS

ImperviTRAN™ PRODUCT DIMENSIONAL DATA



Series 2 Depicted

Note: Dimension “C” is always depicted as a maximum dimension

Primary fuse block adds 1.375” (35MM) to the “C” dimension

Deduct 0.50” (12.7MM) from “C” dimension when removing secondary fuse clips

MATCHED DIMENSIONS: 50-750VA Yellow highlight equals match to same VA, BTZ13 footprint

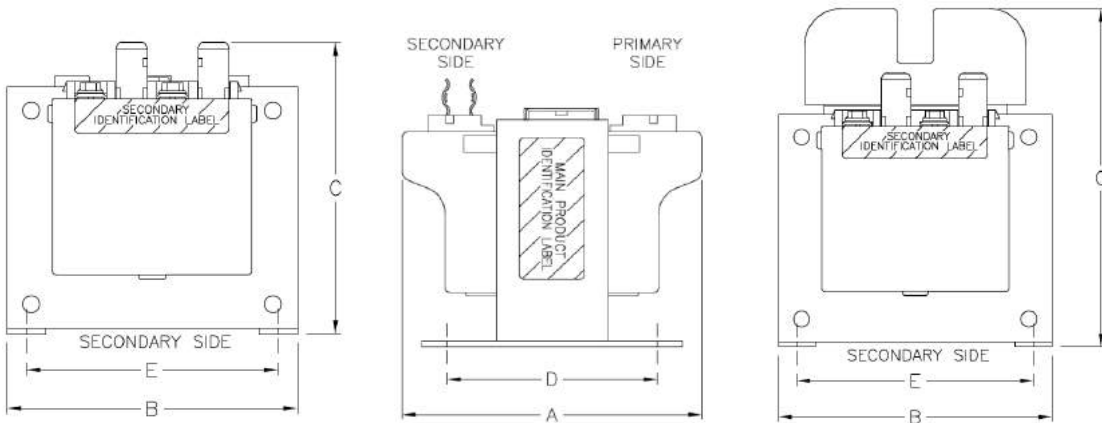
Voltage Groups: BTZ13, PUY, LP7, WZ13, MQ15, RFD34, PU1519, LP1519

VA	SERIES 2 (MAX)		ALL VERSIONS		INC'L FUSE CLIP		ALL VERSIONS		ALL VERSIONS		W
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	
50	3.78	96	3.00	76	3.14	79	1.96	50	2.50	64	2.70
75	4.00	102	3.00	76	3.14	79	2.42	62	2.50	64	3.40
100	4.00	102	3.38	86	3.46	88	2.45	62	2.81	71	4.40
150	4.03	102	3.75	95	3.77	96	2.82	71	3.13	79	6.00
200	4.38	111	4.50	114	4.40	112	2.42	62	3.75	95	8.90
250	4.38	111	4.50	114	4.40	112	2.82	71	3.75	95	9.30
300	4.75	121	4.50	114	4.40	112	3.18	81	3.75	95	11.00
350	4.75	121	4.50	114	4.40	112	3.75	95	3.75	95	11.60
500	6.11	155	5.25	133	5.14	131	3.88	99	4.38	111	17.40
750	7.61	193	5.25	133	5.14	131	5.38	137	4.38	111	26.50

THE FOLLOWING DIMENSIONS DIFFER FROM THE PREVIOUSLY LISTED VA RATINGS

MBT13 -- Pri: 208, 230, 460 Sec: 115

VA	SERIES 2 (MAX)		ALL VERSIONS		INC'L FUSE CLIP		ALL VERSIONS		ALL VERSIONS		W
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	
B050MBT13XK	3.78	96	3.00	76	3.14	79	2.21	56	2.50	64	2.70
B075MBT13XK	4.00	102	3.38	86	3.46	88	2.45	63	2.82	71	3.40
B100MBT13XK	4.00	102	3.38	86	3.46	88	2.62	67	2.81	71	4.40
B150MBT13XKF	4.03	102	3.75	95	3.77	96	2.82	71	3.13	79	5.60
B200MBT13XKF	4.38	111	4.50	114	4.40	112	2.82	71	3.75	95	9.10
B250MBT13XKF	4.75	121	4.50	114	4.40	112	3.18	81	3.75	95	10.80
B300MBT13XKF	4.75	121	4.50	114	4.40	112	3.75	95	3.75	95	11.20
B350MBT13XKF	5.75	146	4.50	114	4.40	112	4.72	120	3.75	95	12.40
B500MBT13XKF	6.11	155	5.25	133	5.14	131	4.38	111	4.38	111	17.40
B750MBT13XKF	7.61	193	5.25	133	5.14	131	5.87	149	4.38	111	26.20



Series 2 Depicted

BTW37 -- Pri: 230, 460, 575 Sec: 95, 115

VA	SERIES 2 (MAX)		ALL VERSIONS		NO FUSE CLIP		ALL VERSIONS		ALL VERSIONS		W
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	
B050BTW37XX	4.03	102	3.00	76	2.72	69	2.20	56	2.50	64	3.20
B075BTW37XX	4.03	102	3.38	86	3.04	77	2.42	62	2.81	71	4.20
B100BTW37XX	4.50	114	3.38	86	3.04	77	2.81	71	2.81	71	5.50
B150BTW37XXF	4.53	115	3.75	95	3.36	85	3.18	81	3.13	79	7.70
B200BTW37XXF	4.38	111	3.75	95	3.98	101	2.82	72	3.75	95	9.10
B250BTW37XXF	4.38	111	4.50	114	3.98	101	3.18	81	3.75	95	9.50
B300BTW37XXF	4.75	121	4.50	114	3.98	101	3.75	95	3.75	95	11.60
B350BTW37XXF	5.61	143	5.25	133	4.63	118	3.38	86	4.38	111	13.80
B500BTW37XXF	6.19	157	5.25	133	4.63	118	4.38	111	4.38	111	17.60
B750BTW37XXF	8.11	206	5.25	133	4.63	118	5.87	149	4.38	111	29.90

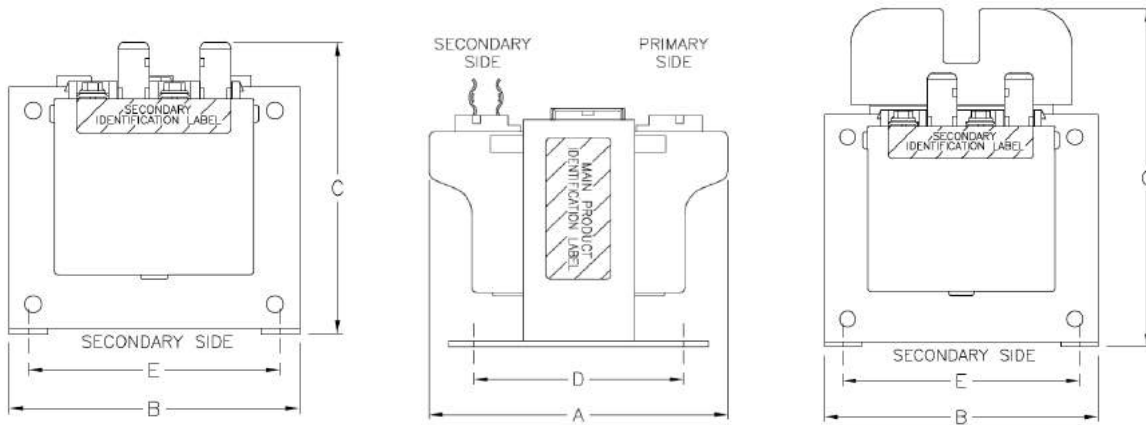
GROUP J – (SERIES 2 VERSION OF MBT713) *B1K0-2010-1F IS NON SERIES 2

Pri: -- 208, 230, 460 Sec: 24, 115 **Red highlight equals match to same VA Group J footprint**

VA					INC'L FUSE CLIP						W
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	
B050-2000-1	4.53	115	3.00	76	3.14	79	2.81	71	2.50	64	4.30
B075-2001-1	4.50	114	3.38	86	3.46	88	2.81	71	2.81	71	5.50
B100-2002-1	4.53	115	3.75	95	3.78	96	3.00	76	3.13	79	6.50
B150-2003-1F	5.03	128	3.75	95	3.78	96	3.18	81	3.13	79	9.50
B200-2004-1F	4.38	111	4.50	114	4.40	112	3.00	76	3.75	95	9.80
B250-2005-1F	4.75	121	4.50	114	4.40	112	3.75	95	3.75	95	11.30
B300-2006-1F	6.11	155	5.25	133	5.14	131	3.88	99	4.38	111	14.10
B350-2007-1F	6.11	155	5.25	133	5.14	131	3.88	99	4.38	111	16.40
B500-2008-1F	7.11	181	5.25	133	5.14	131	5.38	137	4.38	111	23.10
B750-2009-1F	7.11	181	6.75	172	6.30	160	5.00	127	6.13	156	38.60
*B1K0-2010-1F	8.13	207	6.75	172	5.73	146	6.13	156	6.13	156	48.40

Universal Voltage – Pri: 208-600 Sec: 85-130 **ALL ARE NON SERIES 2**

VA					INC'L FUSE CLIP						W
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	
B050-0482-1	3.44	87	3.88	99	3.38	86	2.41	61	2.81	71	4.00
B100-0483-1	4.00	102	3.75	95	3.62	92	3.00	76	3.13	79	6.80
B150-0484-1F	4.00	102	4.50	114	4.11	104	2.82	71	3.75	95	7.90
B250-0485-1F	5.75	146	4.50	114	4.11	104	4.73	120	3.75	95	10.00
B350-0486-1F	5.69	145	5.25	133	4.64	118	4.38	111	4.38	111	13.60
B500-0487-1F	7.19	183	5.25	133	4.95	126	5.88	149	4.38	111	18.20
B750-0488-1F	6.44	164	6.75	172	5.73	146	4.25	108	6.13	156	30.70

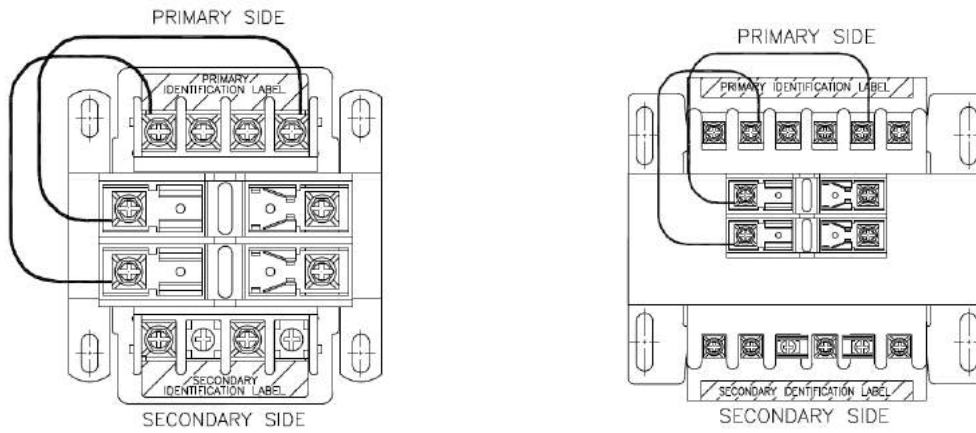


Series 2 Depicted

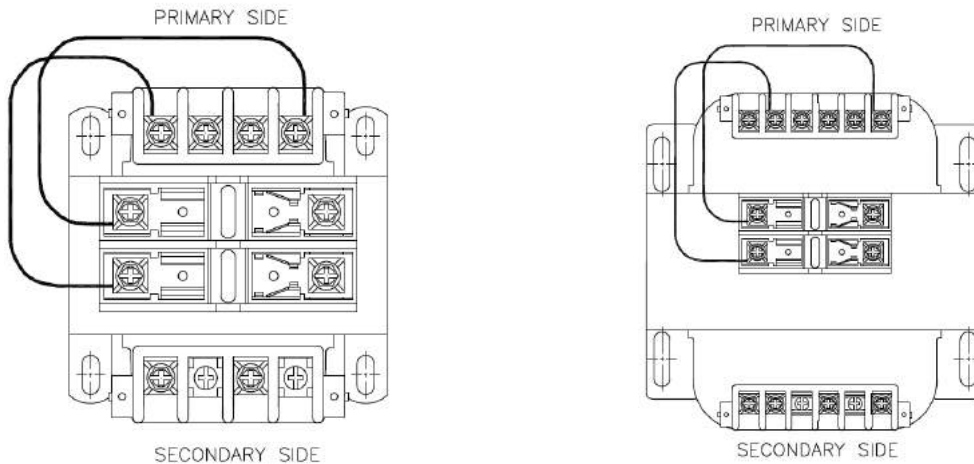
Special Products -- Pri: 690, Sec: 120 x 240

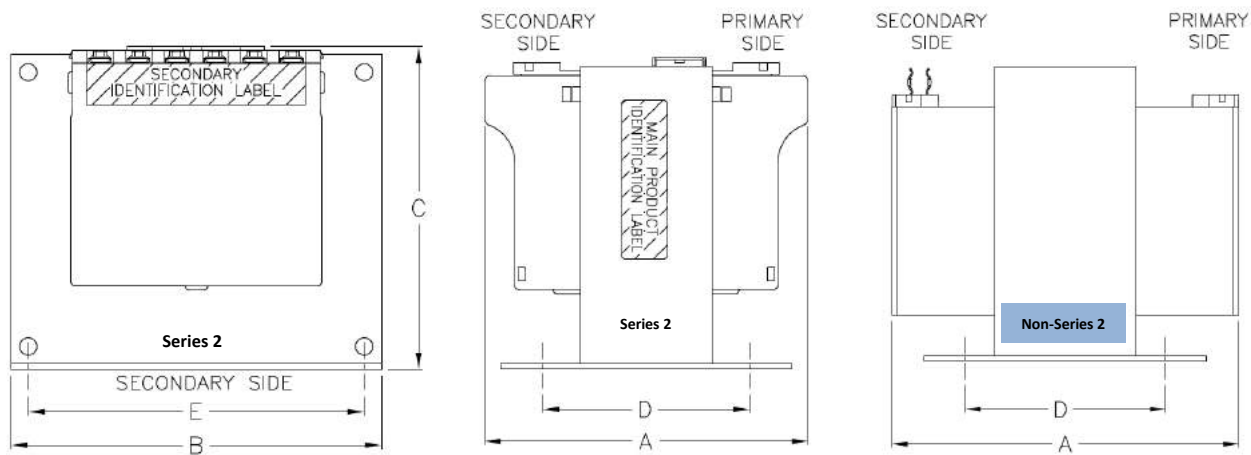
VA			NO FUSE CLIP								W		
DIMENSIONS	INCH	A	MM	INCH	B	MM	INCH	C	MM	INCH	E	MM	LBS
B050-3656-3	3.78	96	3.00	76	2.95	75	1.96	50	2.50	64	2.70		
B100-3657-3	4.00	102	3.38	86	3.27	83	2.45	62	2.81	71	4.10		
B150-0653-5F	4.03	102	3.75	95	3.57	91	2.82	71	3.13	79	5.10		
B250-0654-5F	4.37	111	4.50	114	4.20	107	2.82	71	3.75	95	8.80		
B350-0655-5F	4.74	121	4.50	114	4.18	106	3.18	81	3.75	95	10.90		
B500-0656-5F	6.11	155	5.25	133	4.94	126	3.88	99	4.38	111	16.20		
B750-0657-5F	7.61	193	5.25	133	4.94	126	5.38	137	4.38	111	24.90		

DIAGRAMS BELOW DEPICT SERIES 2 PRIMARY FUSING OPTION



DIAGRAMS BELOW DEPICT NON-SERIES 2 PRIMARY FUSING OPTION





KVA SIZES: Can be either Series 2 or Non-Series 2

BTZ13 Pri: 230/460 Sec: 115 No secondary fuse clip > 2Kva Yellow highlight equals same VA footprint

VA					INC'L FUSE CLIP						W
DIMENSIONS	INCH	A MM	INCH	B MM	INCH	C MM	INCH	D MM	INCH	E MM	LBS
B1K0BTZ13JKF	6.11	155	6.75	172	6.30	160	3.91	99	6.13	156	30.50
B1K5BTZ13JKF	8.11	206	6.75	172	6.32	161	6.13	156	6.13	156	50.10
B2K0BTZ13JKH	7.75	197	6.75	172	6.28	160	6.13	156	6.13	156	46.10
B3K0BTZ13JXH	8.00	203	9.00	229	7.50	191	5.25	133	7.50	191	68.80
B5K0BTZ13JXH	10.00	254	9.00	229	7.50	191	7.19	183	7.50	191	109.40

MBT13 Pri: 208, 230, 460 Sec: 115 No secondary fuse clip > 2Kva

VA					INC'L FUSE CLIP						W
DIMENSIONS	INCH	A MM	INCH	B MM	INCH	C MM	INCH	D MM	INCH	E MM	LBS
B1K0MBT13XKF	7.45	189	6.38	162	5.42	138	5.06	129	5.31	135	37.00
B1K5MBT13XKF	8.50	216	6.75	172	5.75	146	6.09	155	6.13	156	53.90
B2K0MBT13XKH	8.13	207	6.75	172	6.28	160	5.25	133	6.13	156	51.60
B3K0MBT13XXH	8.50	216	9.00	229	7.50	191	5.75	146	7.50	191	77.10
B5K0MBT13XXH	10.31	262	9.00	229	7.50	191	7.56	192	7.50	191	114.60

BTWZ37 Pri: 230/460/575 Sec: 95/115 No secondary fuse clip > 2Kva

VA					INC'L FUSE CLIP						W
DIMENSIONS	INCH	A MM	INCH	B MM	INCH	C MM	INCH	D MM	INCH	E MM	LBS
B1K0BTWZ37XKH	7.00	178	6.38	162	5.42	138	5.06	129	5.31	135	31.80
B1K5BTWZ37XKH	7.45	189	6.75	172	6.29	160	5.25	133	6.13	156	44.20
B2K0BTWZ37XKH	7.56	192	9.00	229	7.80	198	4.81	122	7.50	191	57.70
B3K0BTWZ37XXH	8.69	221	9.00	229	7.50	191	5.94	151	7.50	191	83.60
B5K0BTWZ37XXH	11.00	279	9.00	229	7.50	191	8.19	208	7.50	191	129.40

PU1519 Pri: 240 x 480 Sec: 120 x 240

VA					NO FUSE CLIP						W
DIMENSIONS	INCH	A MM	INCH	B MM	INCH	C MM	INCH	D MM	INCH	E MM	LBS
B1K0-0500-3F	7.00	178	5.25	133	4.48	114	5.38	137	4.38	111	28.8
B1K5-0501-3H	7.00	178	6.75	172	5.75	146	4.25	108	6.13	156	37.00
B2K0-0502-3H	7.75	197	6.75	172	5.73	146	4.97	126	6.13	156	46.00
B3K0-0503-3H	8.00	203	9.00	229	7.62	194	5.25	133	7.50	191	80.00
B5K0-0504-3H	10.00	254	9.00	229	7.50	191	7.19	183	7.50	191	114.60

Special Voltages – Pri: 240, 347, 380 Sec: 120 x 240

VA					NO FUSE CLIP						W
DIMENSIONS	INCH	A MM	INCH	B MM	INCH	C MM	INCH	D MM	INCH	E MM	LBS
B1K0-0321-3F	7.19	183	6.38	162	5.42	138	5.06	129	5.31	135	29.00
B1K5-0322-3H	8.13	207	6.38	162	5.44	138	5.06	129	5.31	135	33.30
B2K0-0323-3H	8.88	226	6.75	172	5.79	147	6.13	156	6.13	156	61.10
B3K0-0324-3H	8.50	216	9.00	229	7.62	194	5.69	146	7.50	191	80.00
B5K0-0325-3H	10.31	262	9.00	229	7.50	191	7.56	192	7.50	191	114.60

GlobalTRAN™ PRODUCT SELECTION GUIDE

GENERAL SPECIFICATIONS:

BUILDING STYLE:

ImperviTRAN (non-Series 2)

Approvals: UL File #E46323/CSA File #LR27533/CE to EN61558-2-2

GlobalTran includes installed IP-20 terminal covers

TERMINAL TIGHTENING TORQUE (ALL IMPERVITRAN STYLES):

≤30A: 20 lb/in

>30A: 30 lb/in

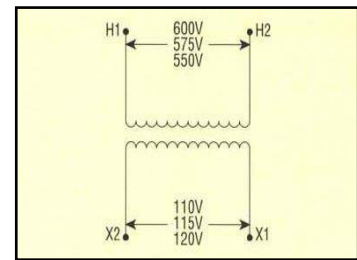
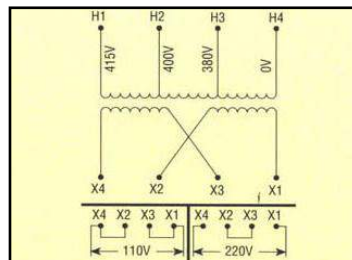
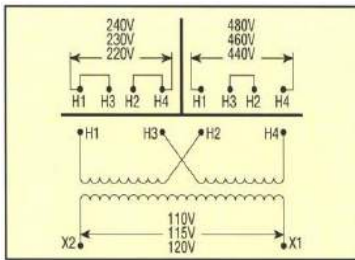
SUFFIX DESCRIPTION:

The GlobalTRAN product is defined by serialized part numbers ending in the basic suffix “GA”

Two letter suffix denotes Temp Class 105°C

Three letter suffix ending in “F” denotes Temp Class 130°C

Three letter suffix ending in “H” denotes Temp Class 180°C

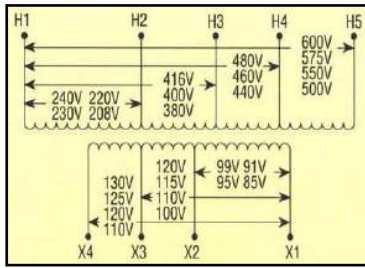


Primary: 220 x 440, 230 x 460, 240 x 480 Secondary: 110/115/120			
T	F.L.A.	VA	CATALOG NUMBER
4	0.43	50	B050-2001-GA
4	0.65	75	B075-2002-GA
4	0.87	100	B100-2003-GA
4	1.30	150	B150-2004-GAF
4	1.74	200	B200-2005-GAF
4	2.17	250	B250-2006-GAF
4	2.61	300	B300-2007-GAF
4	3.04	350	B350-2008-GAF
4	4.35	500	B500-2009-GAF
4	6.52	750	B750-2010-GAF
6	8.70	1000	B1K0-2008-GAH
6	13.04	1500	B1K5-2009-GAH
6	17.39	2000	B2K0-2010-GAH
6	26.09	3000	B3K0-2011-GAH
6	45.45	5000	B5K0-2012-GAH

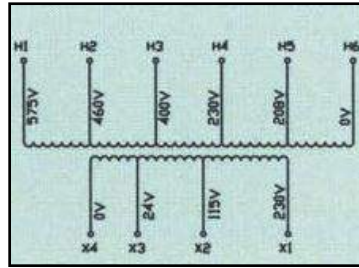
Primary: 380, 400, 415 Secondary: 110 x 220			
T	F.L.A.	VA	CATALOG NUMBER
4	0.46/0.23	50	B050-2061-GA
4	0.68/0.34	75	B075-2062-GA
4	0.91/0.46	100	B100-2063-GA
4	1.37/0.69	150	B150-2064-GAF
4	1.82/0.91	200	B200-2065-GAF
4	2.28/1.14	250	B250-2066-GAF
4	2.72/1.36	300	B300-2067-GAF
4	3.18/1.59	350	B350-2068-GAF
4	4.55/2.27	500	B500-2069-GAF
4	6.82/3.41	750	B750-2070-GAF

Primary: 550/575/600 Secondary: 110/115/120			
T	F.L.A.	VA	CATALOG NUMBER
4	0.43	50	B050-2041-GA
4	0.65	75	B075-2042-GA
4	0.87	100	B100-2043-GA
4	1.30	150	B150-2044-GAF
4	1.74	200	B200-2045-GAF
4	2.17	250	B250-2046-GAF
4	2.61	300	B300-2047-GAF
4	3.04	350	B350-2048-GAF
4	4.35	500	B500-2049-GAF
4	6.52	750	B750-2050-GAF

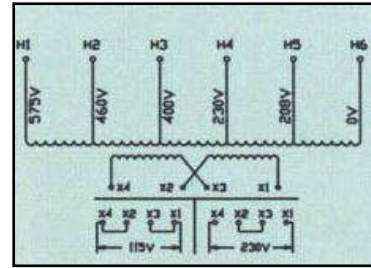
MICRON ALSO OFFERS THE DINergy™ LINE OF INDUSTRIAL DIN-MOUNT POWER SUPPLIES FROM 18 – 960 WATT PLUS SINGLE PHASE AND THREE PHASE LVGP AND BUCK-BOOST TRANSFORMERS



250VA – 1KVA

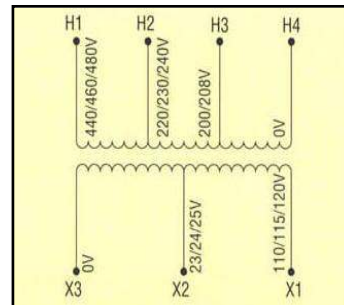
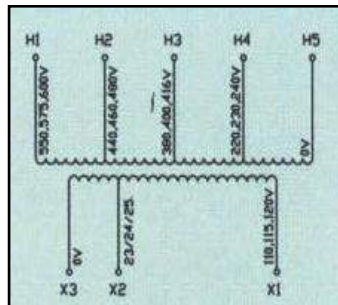


1.5KVA – 5KVA



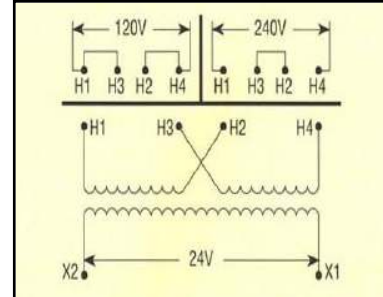
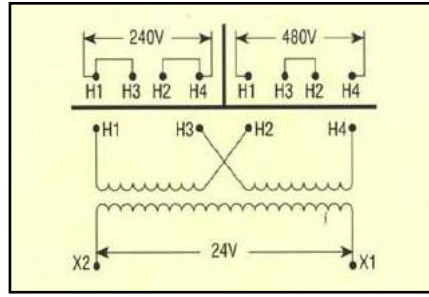
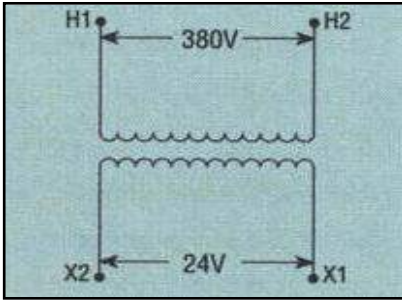
Primary: 208 - 600 Secondary: 85 - 130			
T	F.L.A.	VA	CATALOG NUMBER
6/4	1.92	250	B250-2283-GAF
6/4	2.31	300	B300-2284-GAF
6/4	2.69	350	B350-2285-GAF
6/4	3.85	500	B500-2286-GAF
6/4	5.77	750	B750-2287-GAF
6	7.69	1000	B1K0-2288-GAH
6	11.54	1500	B1K5-2289-GAH
6	15.38	2000	B2K0-2290-GAH
6	23.08	3000	B3K0-2291-GAH

Primary: 230/400/460/575 Secondary: 24/115/230			
T	F.L.A.	VA	CATALOG NUMBER
4	10.42/2.17/1.10	250	B250-2263-GAF
4	12.50/2.61/1.30	300	B300-2264-GAF
4	14.58/3.04/1.50	350	B350-2265-GAF
4	20.84/4.35/2.20	500	B500-2266-GAF
6	31.30/6.50/3.30	750	B750-2267-GAF
6	41.70/8.70/4.30	1000	B1K0-2268-GAH
6	XX/13.04/6.52	1500	B1K5-2269-GAH
6	XX/17.39/8.70	2000	B2K0-2270-GAH
6	XX/26.09/13.04	3000	B3K0-2271-GAH
6	XX/43.48/21.74	5000	B5K0-2272-GAH



Primary: 230/400/460/575 Secondary: 24/115			
T	F.L.A.	VA	CATALOG NUMBER
6/4	10.40/2.20	250	B250-2243-GAF
6/4	12.50/2.60	300	B300-2244-GAF
6/4	14.60/3.00	350	B350-2245-GAF
6/4	20.80/4.30	500	B500-2246-GAF
6/4	31.30/6.50	750	B750-2247-GAF
6/4	41.70/8.70	1000	B1K0-2248-GAH

Primary: 208/230/460 Secondary: 24/115				
T	T	F.L.A.	VA	CATALOG NUMBER
4	4	2.08/0.44	50	B050-2101-GA
4	4	3.13/0.65	75	B075-2102-GA
4	4	4.17/0.87	100	B100-2103-GA
4	4	6.25/1.30	150	B150-2104-GAF
4	4	8.33/1.74	200	B200-2105-GAF
4	4	10.42/2.17	250	B250-2106-GAF
4	4	12.50/2.61	300	B300-2107-GAF
4	4	14.58/3.04	350	B350-2108-GAF
4	4	20.84/4.35	500	B500-2109-GAF
4	6	31.30/6.50	750	B750-2110-GAF
6	6	41.70/8.70	1000	B1K0-2188-GAH

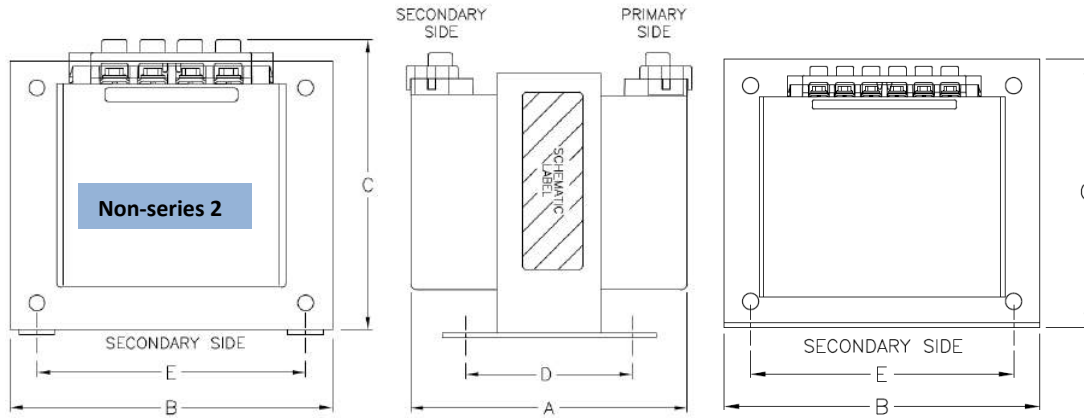


Primary: 380 Secondary: 24			
T	F.L.A.	VA	CATALOG NUMBER
4	2.08	50	B050-2051-GA
4	3.13	75	B075-2052-GA
4	4.17	100	B100-2053-GA
4	6.25	150	B150-2054-GAF
4	8.33	200	B200-2055-GAF
4	10.42	250	B250-2056-GAF
4	12.50	300	B300-2057-GAF
4	14.48	350	B350-2058-GAF
4	20.83	500	B500-2059-GAF
4	31.25	750	B750-2060-GAF

Primary: 240 x 480 Secondary: 24			
T	F.L.A.	VA	CATALOG NUMBER
4	2.08	50	B050-2011-GA
4	3.13	75	B075-2012-GA
4	4.17	100	B100-2013-GA
4	6.25	150	B150-2014-GAF
4	8.33	200	B200-2015-GAF
4	10.42	250	B250-2016-GAF
4	12.50	300	B300-2017-GAF
4	14.48	350	B350-2018-GAF
4	20.83	500	B500-2019-GAF
4	31.25	750	B750-2020-GAF
6	41.67	1000	B1K0-2028-GAF

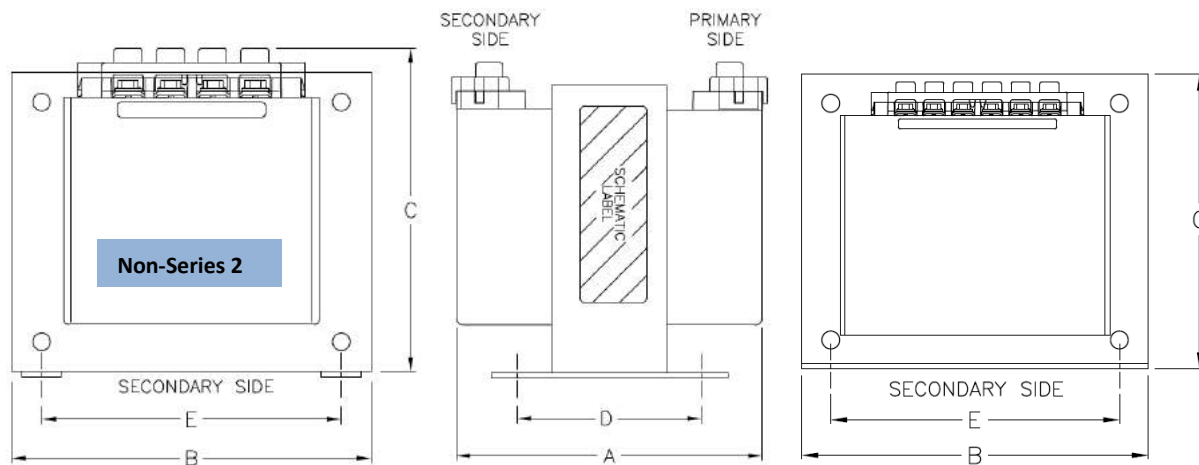
Primary: 120 x 240 Secondary: 24			
T	F.L.A.	VA	CATALOG NUMBER
4	2.08	50	B050-2021-GA
4	3.13	75	B075-2022-GA
4	4.17	100	B100-2023-GA
4	6.25	150	B150-2024-GAF
4	8.33	200	B200-2025-GAF
4	10.42	250	B250-2026-GAF
4	12.50	300	B300-2027-GAF
4	14.48	350	B350-2028-GAF
4	20.83	500	B500-2029-GAF
4	31.25	750	B750-2030-GAF
6	41.67	1000	B1K0-2048-GAF

GlobalTRAN™ PRODUCT DIMENSIONAL DATA



Voltage -- Pri: 230/460 Sec: 115

VA	DIMENSIONS		INCH		MM		INCH		MM		W
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	LBS
B050-2001-GA	3.38	86	3.00	76	3.00	76	2.44	61	2.50	64	3.40
B075-2002-GA	3.46	88	3.38	86	3.25	83	2.44	61	2.81	71	4.80
B100-2003-GA	3.38	86	3.75	95	3.50	89	2.44	61	3.13	79	5.90
B150-2004-GAF	3.75	95	4.50	114	4.00	102	2.44	61	3.75	95	8.50
B200-2005-GAF	3.75	95	4.50	114	4.00	102	2.81	71	3.75	95	10.00
B250-2006-GAF	4.00	102	4.50	114	4.00	102	3.19	81	3.75	95	11.00
B300-2007-GAF	4.38	111	4.50	114	4.00	102	3.75	95	3.75	95	13.00
B350-2008-GAF	4.95	126	5.25	133	4.50	114	3.38	86	4.38	111	15.00
B500-2009-GAF	5.13	130	5.25	133	4.50	114	4.38	111	4.38	111	20.00
B750-2010-GAF	7.00	178	5.25	133	5.00	127	5.88	149	4.38	111	29.80
B1K0-2008-GAH	6.63	168	6.38	162	5.50	140	3.75	95	5.31	135	35.00
B1K5-2009-GAH	7.31	186	6.75	172	6.00	152	5.00	127	6.13	156	40.00
B2K0-2010-GAH	8.13	203	6.75	172	6.00	152	5.25	133	6.13	156	45.00
B3K0-2011-GAH	8.06	202	9.00	225	8.00	200	5.25	133	7.50	191	65.20
B5K0-2012-GAH	10.00	250	9.00	225	8.00	200	7.19	183	7.50	191	104.80



Voltage -- Pri: 380, 400, 415 Sec: 110 x 220

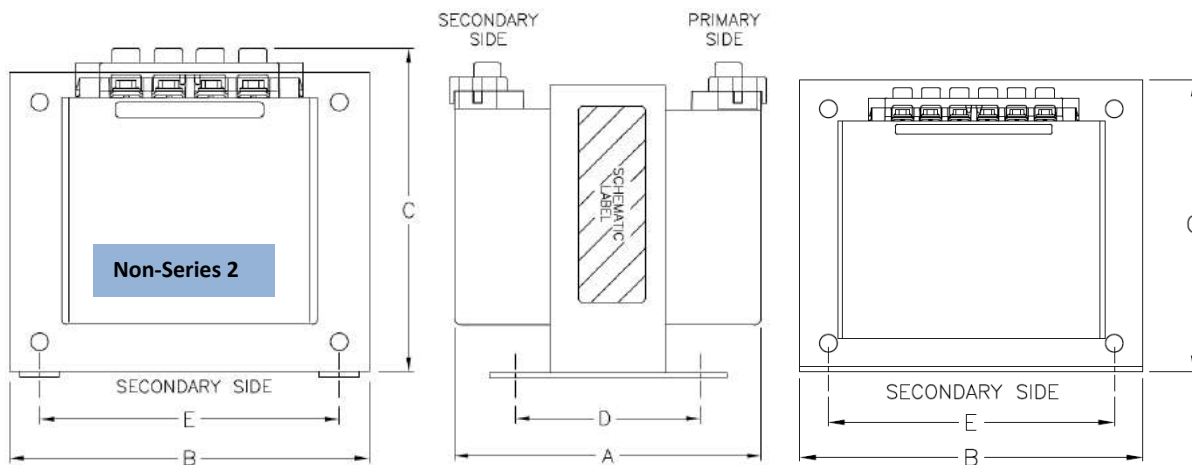
VA											W
DIMENSIONS	INCH A	MM	INCH B	MM	INCH C	MM	INCH D	MM	INCH E	MM	LBS
B050-2061-GA	3.38	86	3.00	76	3.00	76	2.44	61	2.50	64	3.40
B075-2062-GA	3.46	88	3.38	86	3.25	83	2.44	61	2.81	71	4.80
B100-2063-GA	3.38	86	3.75	95	3.50	89	2.44	61	3.13	79	5.90
B150-2064-GAF	3.75	95	4.50	114	4.00	102	2.44	61	3.75	95	8.50
B200-2065-GAF	3.75	95	4.50	114	4.00	102	3.00	76	3.75	95	10.00
B250-2066-GAF	4.00	102	4.50	114	4.00	102	3.19	81	3.75	95	11.00
B300-2067-GAF	4.38	111	4.50	114	4.00	102	3.75	95	3.75	95	13.00
B350-2068-GAF	4.75	121	4.50	114	4.00	102	3.75	95	3.75	95	15.00
B500-2069-GAF	5.13	130	5.25	133	4.50	114	4.38	111	4.38	111	20.00
B750-2070-GAF	7.00	178	5.25	133	4.50	114	5.88	149	4.38	111	27.00

Voltage -- Pri: 550/575/600 Sec: 110/115/120

VA											W
DIMENSIONS	INCH A	MM	INCH B	MM	INCH C	MM	INCH D	MM	INCH E	MM	LBS
B050-2041-GA	3.38	86	3.00	76	3.00	76	2.44	61	2.50	64	3.40
B075-2042-GA	3.38	86	3.38	86	3.25	83	2.44	61	2.81	71	4.80
B100-2043-GA	3.38	86	3.75	95	3.50	89	2.44	61	3.13	80	5.90
B150-2044-GAF	3.75	95	4.50	114	4.00	102	2.44	61	3.75	95	8.50
B200-2045-GAF	3.75	95	4.50	114	4.00	102	3.00	76	3.75	95	10.00
B250-2046-GAF	4.00	102	4.50	114	4.00	102	3.19	81	3.75	95	11.00
B300-2047-GAF	4.38	111	4.50	114	4.00	102	3.75	95	3.75	95	13.00
B350-2048-GAF	4.50	114	5.25	133	4.50	114	3.38	86	4.38	111	15.00
B500-2049-GAF	5.13	130	5.25	133	4.50	114	4.38	111	4.38	111	20.00
B750-2050-GAF	7.00	178	5.25	133	4.50	114	5.38	137	4.38	111	28.00

Voltage -- Universal Pri: 208-600 Sec: 85-130

VA											W
DIMENSIONS	INCH A	MM	INCH B	MM	INCH C	MM	INCH D	MM	INCH E	MM	LBS
B250-2283-GAF	4.25	108	4.50	114	4.00	102	3.44	86	3.75	95	11.40
B300-2284-GAF	4.75	121	4.50	114	4.00	102	3.75	95	3.75	95	13.60
B350-2285-GAF	5.25	133	4.50	114	4.11	104	3.75	95	3.75	95	14.20
B500-2286-GAF	5.50	140	5.25	133	4.66	118	3.88	99	4.38	111	17.40
B750-2287-GAF	7.38	187	5.25	133	4.78	121	5.88	149	4.38	111	27.50
B1K0-2288-GAH	7.00	178	6.38	162	5.50	140	5.06	129	5.31	135	27.90
B1K5-2289-GAH	7.75	199	6.75	171	6.00	152	5.00	127	6.13	156	43.10
B2K0-2290-GAH	7.63	194	9.00	229	8.00	203	4.81	122	7.50	191	56.00
B3K0-2291-GAH	8.56	217	9.00	229	7.63	194	5.75	146	7.50	191	76.20



Voltage -- Pri: 208/230/400/460/575 Sec: 24*/115/230

VA	INCH A		INCH B		INCH C		INCH D		INCH E		W
DIMENSIONS	MM	MM	MM	MM	MM	MM	MM	MM	MM	LBS	
B250-2263-GAF	4.75	121	4.50	114	4.00	102	4.75	121	3.75	95	14.90
B300-2264-GAF	5.25	133	4.50	114	4.00	102	4.75	121	3.75	95	17.40
B350-2265-GAF	5.60	145	5.25	133	4.50	114	4.38	111	4.38	111	17.80
B500-2266-GAF	7.19	183	5.25	133	4.75	121	5.88	149	4.38	111	26.60
B750-2267-GAF	7.44	189	6.38	162	5.56	141	5.06	129	5.31	135	32.50
B1K0-2268-GAH	7.75	199	6.75	171	6.25	159	5.00	127	6.13	156	44.00
B1K5-2269-GAH	7.75	199	6.75	171	6.00	152	5.00	127	6.13	156	45.40
B2K0-2270-GAH	7.63	194	9.00	229	7.63	194	4.81	122	7.50	191	58.60
B3K0-2271-GAH	8.75	222	9.00	229	7.63	194	5.94	151	7.50	191	92.90
B5K0-2272-GAH	10.44	265	9.00	229	7.63	194	7.63	194	7.50	191	127.40

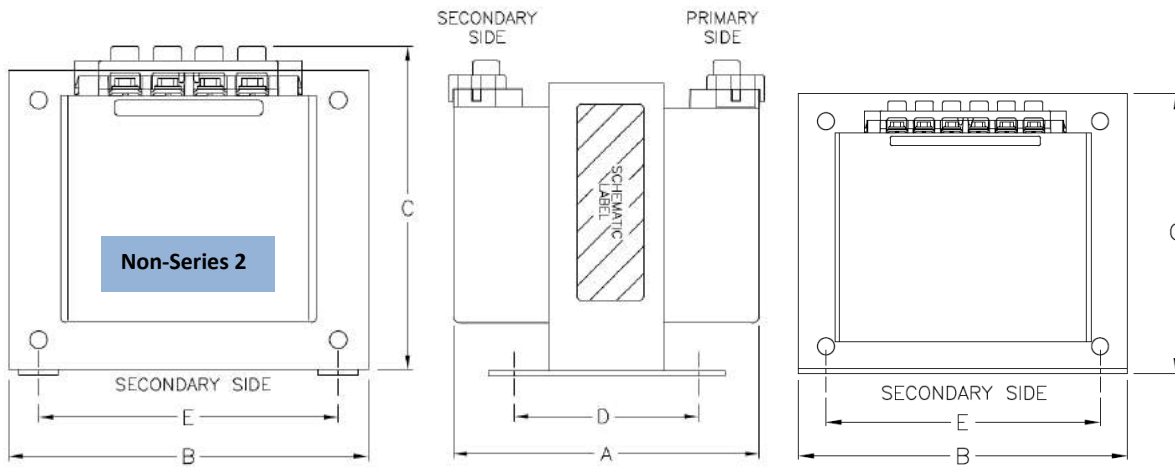
Voltage -- Pri: 230/400/460/575 Sec: 24/115

VA	INCH A		INCH B		INCH C		INCH D		INCH E		W
DIMENSIONS	MM	MM	MM	MM	MM	MM	MM	MM	MM	LBS	
B250-2243-GAF	4.75	121	4.50	114	4.00	102	3.75	95	3.75	95	14.30
B300-2244-GAF	5.00	127	4.50	114	4.00	102	4.75	121	3.75	95	15.80
B350-2245-GAF	5.19	132	5.25	133	4.50	114	3.88	99	4.38	111	16.50
B500-2246-GAF	6.19	157	5.25	133	4.50	114	4.88	124	4.38	111	20.50
B750-2247-GAF	7.00	178	6.38	162	5.56	141	5.06	129	5.31	135	28.80
B1K0-2248-GAH	8.13	207	6.38	162	6.00	152	5.06	129	5.31	135	34.90

Voltage -- Pri: 208/230/460 Sec: 24/115

VA	INCH A		INCH B		INCH C		INCH D		INCH E		W
DIMENSIONS	MM	MM	MM	MM	MM	MM	MM	MM	MM	LBS	
B050-2101-GA	3.38	86	3.00	76	3.25	83	2.25	56	2.81	71	4.20
B075-2102-GA	3.38	86	3.38	86	3.50	89	2.44	61	3.13	79	5.90
B100-2103-GA	3.63	92	3.75	95	3.50	89	3.19	81	3.13	79	7.90
B150-2104-GAF	3.75	95	4.50	114	4.00	102	2.81	71	3.75	95	10.00
B200-2105-GAF	4.38	111	4.50	114	4.00	102	3.44	87	3.75	95	12.80
B250-2106-GAF	4.75	121	4.50	114	4.00	102	3.75	95	3.75	95	14.00
B300-2107-GAF	4.88	124	5.25	133	4.50	114	3.88	99	4.38	111	16.80
B350-2108-GAF	4.88	124	5.25	133	4.50	114	3.88	99	4.38	111	19.20
B500-2109-GAF	5.63	143	5.25	133	4.60	114	5.88	149	4.38	111	29.00
B750-2110-GAF	6.75	172	6.38	162	5.56	141	5.06	129	5.31	135	29.80
B1K0-2188-GAH	7.06	179	6.38	162	6.00	152	5.06	129	5.31	135	30.20

MICRON ALSO OFFERS THE DiNergy™ LINE OF INDUSTRIAL DIN-MOUNT POWER SUPPLIES FROM 18 – 960 WATT PLUS SINGLE PHASE AND THREE PHASE LVGP AND BUCK-BOOST TRANSFORMERS



Voltage -- Pri: 380 Sec: 24

VA	DIMENSIONS		INCH		MM		INCH		MM		INCH		MM		W
	INCH	MM	A	B	C	D	E	F	G	H	I	J	K	L	LBS
B050-2051-GA	3.38	86	3.00	76	3.00	76	2.19	55	2.50	64	3.50				
B075-2052-GA	3.46	88	3.38	86	3.25	83	2.19	55	2.81	71	4.20				
B100-2053-GA	3.38	86	3.75	95	3.50	89	2.44	61	3.13	79	5.90				
B150-2054-GAF	3.63	91	3.75	95	3.50	89	3.00	76	3.13	79	8.50				
B200-2055-GAF	3.75	95	4.50	114	4.00	102	2.81	70	3.75	95	10.00				
B250-2056-GAF	4.00	102	4.50	114	4.00	102	3.19	81	3.75	95	11.00				
B300-2057-GAF	4.38	111	4.50	114	4.00	102	3.75	95	3.75	95	13.20				
B350-2058-GAF	4.50	114	5.25	133	4.50	114	3.88	99	4.38	111	14.90				
B500-2059-GAF	5.13	130	5.25	133	4.50	114	3.88	99	4.38	111	19.20				
B750-2060-GAF	7.00	178	5.25	133	5.00	127	5.88	149	4.38	111	28.10				

Voltage -- Pri: 240 x 480 Sec: 24

VA	DIMENSIONS		INCH		MM		INCH		MM		INCH		MM		W
	INCH	MM	A	B	C	D	E	F	G	H	I	J	K	L	LBS
B050-2011-GA	3.38	86	3.00	76	3.00	76	2.19	56	2.50	64	3.40				
B075-2012-GA	3.38	86	3.38	86	3.25	83	2.19	56	2.81	71	4.20				
B100-2013-GA	3.38	86	3.75	95	3.50	89	2.44	61	3.13	80	5.90				
B150-2014-GAF	4.00	102	4.50	114	4.00	102	2.44	62	3.75	95	8.50				
B200-2015-GAF	4.00	102	4.50	114	4.00	102	2.81	71	3.75	95	10.00				
B250-2016-GAF	4.00	102	4.50	114	4.00	102	3.19	81	3.75	95	11.00				
B300-2017-GAF	4.38	111	4.50	114	4.00	102	3.75	95	3.75	95	13.20				
B350-2018-GAF	4.50	114	5.25	133	4.50	114	3.38	86	4.38	111	14.90				
B500-2019-GAF	5.13	130	5.25	133	4.50	114	3.88	99	4.38	111	19.20				
B750-2020-GAF	7.00	178	5.25	133	5.00	127	5.38	137	4.38	111	28.10				
B1K0-2028-GAF	7.00	178	6.38	162	6.00	152	3.75	95	5.31	135	30.00				

Voltage -- Pri: 120 x 240 Sec: 24

VA	DIMENSIONS		INCH		MM		INCH		MM		INCH		MM		W
	INCH	MM	A	B	C	D	E	F	G	H	I	J	K	L	LBS
B050-2021-GA	3.38	86	3.00	76	3.00	76	2.19	56	2.50	64	3.40				
B075-2022-GA	3.38	86	3.38	86	3.25	83	2.19	56	2.81	71	4.20				
B100-2023-GA	3.38	86	3.75	95	3.50	89	2.44	61	3.13	79	5.90				
B150-2024-GAF	4.00	102	4.50	114	4.00	102	2.44	61	3.75	95	8.50				
B200-2025-GAF	4.00	102	4.50	114	4.00	102	2.81	70	3.75	95	10.00				
B250-2026-GAF	4.00	102	4.50	114	4.00	102	3.19	81	3.75	95	11.00				
B300-2027-GAF	4.38	111	4.50	114	4.00	102	3.75	95	3.75	95	13.20				
B350-2028-GAF	4.50	114	5.25	133	4.50	114	3.38	86	4.38	111	14.90				
B500-2029-GAF	5.13	130	5.25	133	4.50	114	3.88	99	4.38	111	19.20				
B750-2030-GAF	7.00	178	5.25	133	5.00	127	5.88	149	4.38	111	29.80				
B1K0-2048-GAF	7.00	178	6.38	162	6.00	152	3.75	95	5.31	135	31.00				

MEDIUM VOLTAGE CONTROL TRANSFORMERS

GENERAL SPECIFICATIONS:

BUILDING STYLE:

Approvals: This product is not UL/CSA

130°C Insulation system

24" Minimum primary lead length

Frequency: 60Hz

HIPOT: 7,400 volts for 2,400 volt primary

11,500 volts for 4160 volt primary

Construction: 750VA – Epoxy impregnated coils

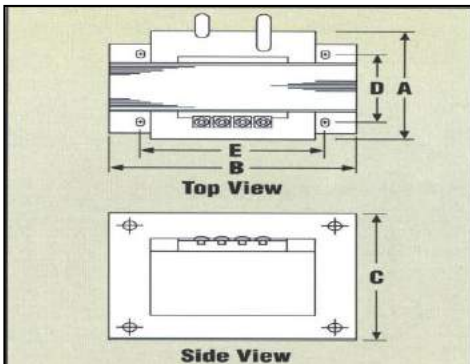
1Kva and larger – Epoxy potted primary coils

Primary: 4200 Secondary: 120			
T	F.L.A.	VA	CATALOG NUMBER
W/4		6.25 750	H750-0030

Primary: 2400 Secondary: 120			
T	F.L.A.	VA	CATALOG NUMBER
W/4	6.25	750	H750-0031

Primary: 4160 Secondary: 120 x 240			
T	F.L.A.	VA	CATALOG NUMBER
W/4	8.33/4.17	1000	H1K0-0015
W/4	12.50/6.25	1500	HN1K5G1519P
W/4	16.67/8.33	2000	HN2K0G1519P
W/4	25.00/12.50	3000	HN3K0G1519P

Primary: 2400 Secondary: 120 x 240			
T	F.L.A.	VA	CATALOG NUMBER
W/4	8.33/4.17	1000	H1K0-0010
W/4	12.50/6.25	1500	HN1K5F1519P
W/4	16.67/8.33	2000	HN2K0F1519P
W/4	25.00/12.50	3000	HN3K0F1519P



Voltage – Pri: 4200* or 2400 Sec: 120

VA	INCH		MM		INCH		MM		INCH		MM		W
DIMENSIONS	A	B	A	B	C	D	C	D	E	E			LBS
*H750-0030	6.63	6.38	168	162	5.81	5.25	148	133	5.31	135			30.50
H750-0031	6.63	6.38	168	162	5.81	5.25	148	133	5.31	135			30.70

Voltage – Pri: 4160* or 2400 Sec: 120 x 240

VA	INCH		MM		INCH		MM		INCH		MM		W
DIMENSIONS	A	B	A	B	C	D	C	D	E	E			LBS
H1K0-0010	6.25	7.56	159	192	6.38	3.50	162	89	5.63	143			31.30
*H1K0-0015	6.25	7.56	159	192	6.38	3.50	162	89	5.63	143			31.10
HN1K5F1519P	7.00	9.00	178	229	7.63	4.25	194	108	6.50	165			53.7
*HN1K5G1519P	7.00	9.00	178	229	7.63	4.25	194	108	6.50	165			53.2
HN2K0F1519P	7.94	9.00	202	229	7.63	5.19	194	132	6.50	165			65.40
*HN2K0G1519P	7.94	9.00	202	229	7.63	5.19	194	132	6.50	165			58.20
HN3K0F1519P	9.75	9.00	248	229	7.63	7.00	194	178	6.50	165			99.90
*HN3K0G1519P	9.75	9.00	248	229	7.63	7.00	194	178	6.50	165			101.00

CONTROL TRANSFORMER ACCESSORIES

CATALOG NUMBER		APPROX. WEIGHT	
		LBS	KG
	IP-20 SAFETOUCH™ COVERS		
TPTC-2001	10PACK 4TERM.	1.0	0.5
TPTC-2002	10PACK 6TERM.	1.0	0.5
TPTC-2006	10PACK UNIVERSAL PRI BLOCK	1.0	0.5
FKTP-1001	PRIMARY CL "CC" FUSE KIT	0.25	0.1
	OPTIONAL FACTORY INSTALLED FUSE HOLDERS		
CL. "CC" PRI.	P/N SUFFIX = RB, RK, RX, RJ, RR RY, RG, RL, RN, RC, -8 *NON-REJECTION VERSION AVAILABLE ON ALL FACTORY INSTALLED PRIMARY FUSEBLOCK OPTIONS	N/A	
1/4 X 1-1/4 SEC.	P/N SUFFIX = JQ, XQ	N/A	
9/16 X 2 SEC.	P/N SUFFIX = JM, XM	N/A	
	BULK FUSE CLIPS		
514-1661-01C	(2 NECESSARY) 13/32 X 1-1/2 (STD)	N/A	
514-1661-02C	(2 NECESSARY) 1/4 X 1-1/4 (OPT)	N/A	
	BULK JUMPERS		
514-1650	J-2	N/A	
514-1652	J-3	N/A	
514-1620-02	Flat	N/A	

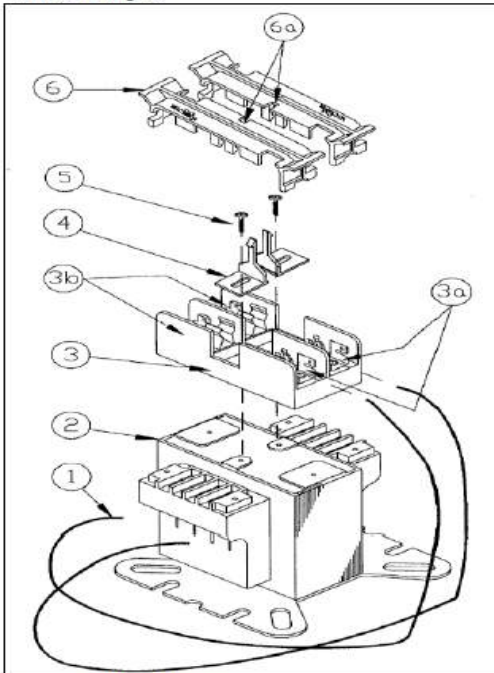
TRANSFORMER ACCESSORY INTERCHANGE MATRIX

STANDARD SUFFIX		DUAL PRIMARY FUSED SUFFIX
JK, JKF, JKH	>>	RB, RBF, RBH
XK, XKF, XKH	>>	RK, RKF, RKH
XX, XXF, XXH	>>	RX, RXF, RXH
XJ, XJF, XJH	>>	RJ, RJF, RJH
JJ, JF, JJH	>>	RR, RRF, RRH
JM, JMF, JMH	>>	RY, RYF, RYH
XM, JMF, JMH	>>	RG, RGF, RGH
JQ, JQF, JQH	>>	RL, RLF, RLH
XQ, XQF, XQH	>>	RN, RNF, RNH
JX, JXF, JXH	>>	RC, RCF, RCH
-1, -1F, -1H	>>	-8, -8F, -8H

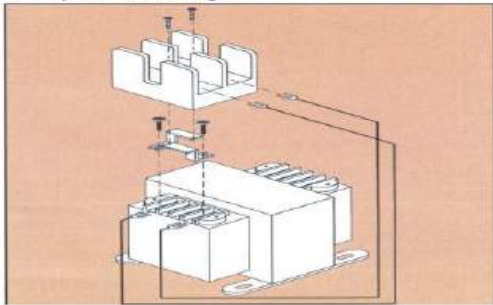
MICRON ALSO OFFERS THE DINergy™ LINE OF INDUSTRIAL DIN-MOUNT POWER SUPPLIES FROM 18 – 960 WATT PLUS SINGLE PHASE AND THREE PHASE LVGP AND BUCK-BOOST TRANSFORMERS

PRIMARY FUSE KIT # FKTP-1001

Series 2 Designs:



All ImperviTRAN Designs:



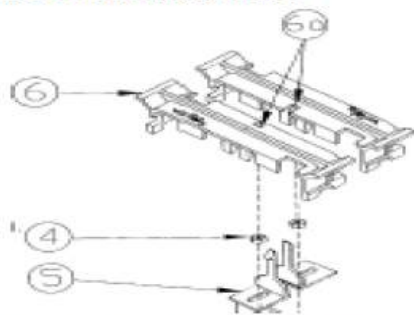
Installed as indicated above:

1. Loosen two outer screws on primary side of transformer. On 6 position shell leave 2 spaces open between brackets.
2. Capture mounting brackets and necessary leads under terminal screws and tighten. **Recommended torque: 30 lb-in.**
3. Affix fuse block to mounting bracket with supplied screws.

GLOBALTRAN ACCESSORIES

A number of fusing accessories can be configured for the GlobalTRAN product line. Contact Micron with your design requirements.

IP-20 COVER KIT # TPTC-2006



4. Remove two nuts or screws holding primary fuse block to transformer. On FKTP-1001 kits, perform step #5 prior to affixing block to brackets.
5. Install retaining clips in base of fuse block. Secure with nuts or screws as appropriate.
- 6, 6a. Install fuse in cover and snap cover in place. When installed cover cannot be removed without releasing tab from detent (6a). A tip of a pen will suffice.

Universal mounting instructions:

In addition to factory installed primary fusing capability Micron offers a primary fuse kit for units with integral accessory mounting plate (#2) intended for field installation on all catalog standard Series 2 products. Alternatively, the fuse block can be installed over the primary terminals of any ImperviTRAN design.

Clearance:

Add a maximum of 1-3/8" to the "C" dimension as measured from the top of the plate on Series 2 designs and a maximum of 11/16" to the transformer "A" dimension and 1-15/16" to the "C" dimension when mounting over the primary terminals.

Contents:

The primary fuse kit includes a 2-pole Class "CC" fuse block, instructions and all associated mounting hardware. To order this kit, use catalog number **FKTP-1001**.

Series 2 installation instructions:

1. Connect one end of the 2 primary leads (#1) under the appropriate primary terminal screws. Secure screws to 16 in-lbs <500VA and 30 in-lbs 500VA and larger.
2. Insert locking clips (#4) oriented as shown into the fuse block (#3) pockets. **Use caution in choosing screw length if locking clips are not used.**
3. Attach clips and fuse block to accessory mounting plate (#2) using screws (#5). Recommended torque 16 in-lbs.
4. Insert fuses (not supplied) into fuse block followed by fuse fuse block covers (#6) (IF ORDERED) with lock slots (#6a) matching tip of the clips, as shown. Press down until cover locks. **Refer to primary fuse chart for recommended fuses. Cover cannot be removed without releasing tab from detent (#6a). A tip of a pen will suffice.**
5. Connect the other end of the 2 primary leads (#1) under the screws on each of the 2 poles on the fuse block (#3a) and secure to 20 inch-pounds.
6. Apply primary voltage to the opposite end of the fuse block (#3b).

Additionally the mounting plate (#2) can be utilized to mount other accessories such as DIN rail. **Use caution in choosing screw length.**

SECONDARY AND PRIMARY OVERCURRENT PROTECTION

Secondary Voltage	VA RATING															
	25	50	75	100	150	200	250	300	350	500	750	1000	1500	2000	3000	5000
12	3-2/10	6-1/4	10	12	15	20	25	30	--	--	--	--	--	--	--	--
23	1-8/10	3-1/2	5	7	10	12	15	17-1/2	20	30	--	--	--	--	--	--
24	1-6/10	3-2/10	5	6-1/4	10	12	15	17-1/2	20	30	--	--	--	--	--	--
25	1-6/10	3-2/10	5	6-1/4	10	12	15	15	17-1/2	25	--	--	--	--	--	--
90	4/10	8/10	1-1/4	1-8/10	2-1/2	3-1/2	4-1/2	5	6-1/4	9	12	15	20	25	--	--
95	4/10	8/10	1-1/4	1-6/10	2-1/2	3-1/2	4	5	6	8	12	15	17-1/2	25	--	--
100	4/10	8/10	1-1/4	1-6/10	2-1/2	3-2/10	4	5	5-6/10	8	12	15	17-1/2	25	--	--
110	3/10	3/4	1-1/8	1-1/2	2-1/4	3	3-1/2	4-1/2	5	7-1/2	10	12	17-1/2	25	--	--
115	3/10	6/10	1	1-4/10	2	2-8/10	3-1/2	4	5	7	10	12	17-1/2	25	--	--
120	3/10	6/10	1	1-1/4	2	2-1/2	3-2/10	4	4-1/2	6-1/4	10	12	17-1/2	25		
220	3/16	3/10	1/2	3/4	1-1/8	1-1/2	1-8/10	2-1/4	2-1/2	3-1/2	5-6/10	7-1/2	10	12	17-1/2	30
230	15/100	3/10	1/2	6/10	1	1-4/10	1-8/10	2	2-1/2	3-1/2	5	7	10	12	17-1/2	30
240	15/100	3/10	1/2	6/10	1	1-4/10	1-6/10	2	2-1/4	3-2/10	5	6-1/4	10	12	17-1/2	30

Primary Voltage	VA RATING															
	25	50	75	100	150	200	250	300	350	500	750	1000	1500	2000	3000	5000
115	1/2	1	1-6/10	2	3-2/10	4	5	6-1/4	7-1/2	10	15	20	30	--	--	--
120	1/2	1	1-1/2	2	3	4	5	6-1/4	7	10	15	20	30	--	--	--
200	3/10	6/10	8/10	1-1/4	1-8/10	2-1/2	3	3-1/2	4	6-1/4	9	12	17-1/2	25	--	--
208	3/10	6/10	8/10	1-1/8	1-8/10	2-1/4	3	3-1/2	4	6	9	12	17-1/2	20	--	--
220	1/4	1/2	8/10	1-1/8	1-6/10	2-1/4	2-8/10	3-2/10	3-1/2	5-6/10	8	10	15	20	30	--
230	1/4	1/2	8/10	1	1-6/10	2	2-1/2	3-2/10	3-1/2	5	8	10	15	20	30	--
240	1/4	1/2	3/4	1	1-1/2	2	2-1/2	3	3-1/2	5	7-1/2	10	15	20	30	--
277	2/10	4/10	6/10	8/10	1-1/4	1-8/10	2-1/4	2-1/2	3	4-1/2	6-1/4	9	12	17-1/2	25	--
380	15/100	3/10	4/10	6/10	8/10	1-1/4	1-6/10	1-8/10	2-1/4	3-2/10	4-1/2	6-1/4	9	12	17-1/2	30
400	15/100	3/10	4/10	6/10	8/10	1-1/4	1-1/2	1-8/10	2	3	4-1/2	6-1/4	9	12	17-1/2	30
415	15/100	3/10	4/10	6/10	8/10	1-1/8	1-1/2	1-8/10	2	3	4-1/2	6	9	12	17-1/2	30
440	1/8	1/4	4/10	1/2	8/10	1-1/8	1-4/10	1-6/10	1-8/10	2-8/10	4	5-6/10	8	10	15	25
460	1/8	1/4	4/10	1/2	8/10	1	1-1/4	1-6/10	1-8/10	2-1/2	4	5	8	10	15	25
480	1/8	1/4	3/10	1/2	3/4	1	1-1/4	1-1/2	1-8/10	2-1/2	3-1/2	5	7-1/2	10	15	25
550	1/10	2/10	3/10	4/10	6/10	8/10	1-1/8	1-1/4	1-1/2	2-1/4	3-2/10	4-1/2	6-1/4	9	12	20
575	1/10	2/10	3/10	4/10	6/10	8/10	1	1-1/4	1-1/2	2	3-2/10	4	6-1/4	8	12	20
600	1/10	2/10	3/10	4/10	6/10	8/10	1	1-1/4	1-4/10	2	3	4	6-1/4	8	12	20

- If the rated secondary current is less than 9 amps, the secondary rating of overcurrent protection is 167% maximum of rated secondary current.
- If the rated secondary current is 9 amps or greater, the secondary rating of overcurrent protection is 125% maximum of rated secondary current
- Primary rating of overcurrent protection is 250% maximum of rated primary current when secondary is protected by overcurrent protection.

Reference: NEC 450.3(B)

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