

TRIAD

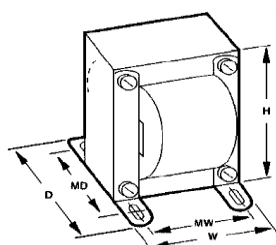
M A G N E T I C S

POWER TRANSFORMERS

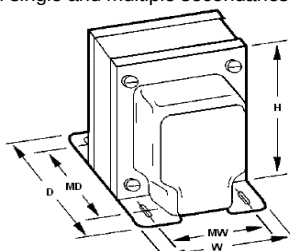
80055 Rev. F

Chassis Mount – Single Secondary

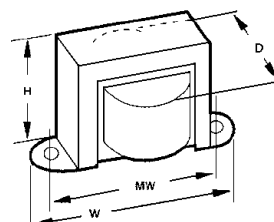
DESCRIPTION : Triad Magnetics offers a full choice of power supply transformers for direct use or in transformer, rectifier, or filter circuits. Other available secondary voltages include control, filament and low level signaling in standard values. The transformers are single primary with single and multiple secondaries in standard size and weight configurations.



CASE TYPE U



CASE TYPE A



CASE TYPE X

Single Secondary # 60 Hz CT = CENTER TAP

MOUNTING HOLE SIZES : X = 3/16" U = 13/64 x 3/8" A = 3/8 x 3/16"

TYPE NO.	Hook Up	Case Type	Primary Voltage	RMS Test Voltage(Sec.)	SECONDARY		Connections	DIMENSIONS			Mounting		WT Lbs.
					Volts	Amps		H	W	D	MW	MD	
F-7X	D	X	115	1,500	5.0 CT	3.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-8X	D	X	115	1,500	5.0 CT	6.0	LEADS	2-9/32	3-3/4	2-1/8	3-1/8	-	1.7
F-12X	A	X	115	2,500	5.0 CT	8.0	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.5
F-16X	A	X	115	2,500	6.3 CT	3.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-18X	A	X	115	1,500	6.3 CT	6.0	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.3
F-69X	A	X	115	1,500	6.3 CT	8.0	LEADS	2-9/16	4	2-1/4	3-9/16	-	2.3
F-21A	A	A	115	1,500	6.3 CT	10.0	1-LEADS	3-19/32	2-31/32	3-1/8	2-1/4	2	3.8
F-22A	A	A	115	2,000	6.3 CT	20.0	2-LEADS	3-7/8	3-9/32	4-1/8	2-1/2	3	7.0
F-180X	A	X	115	1,500	10.0 CT	1.0	LEADS	1-15/16	3-5/16	1-3/4	2-13/16	-	0.9
F-31X	A	X	115	2,000	10.0 CT	3.0	LEADS	2-9/32	3-3/4	2-1/8	3-1/8	-	1.7
F-96U	A	U	115	1,500	10.0 CT	6.0	LEADS	3	2-1/2	2-3/4	2	2-5/16	2.1
F-97U	A	U	115	1,500	10.0 CT	8.0	LEADS	3-7/16	2-13/16	3	2-1/4	2-1/2	4.0
F-70X	C	X	115	1,500	12.6 CT	1.0	LEADS	1-15/16	3-5/16	1-3/4	2-13/16	-	1.3
F-25X	C	X	115	1,500	12.6 CT	1.5	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-44X#	A	X	115	1,500	12.6 CT	2.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.25
F-26X#	A	X	115	1,500	12.6 CT	2.5	LEADS	2-9/32	3-11/16	2	3-1/8	-	1.55
F-225X#	A	X	115	1,500	12.6	4.0	LEADS	2-5/8	4	2-1/16	3-9/16	-	2.3
F-182U	A	U	115	1,500	12.6 CT	6.0	LEADS	3-3/8	2-13/16	2-7/16	2-1/4	2-3/8	3.8
F-183U	A	U	115	1,500	12.6 CT	8.0	LEADS	3-13/16	3-3/16	2-15/16	2-1/2	2-1/4	5.0
F-112X	A	X	115	1,500	14.0 CT	0.25	LEADS	1-3/8	2-3/8	1-3/8	2	-	0.4
F-250X	A	X	115	1,500	14.0 CT	1.0	LEADS	1-15/16	3-1/4	1-3/4	2-13/16	-	1.2
F-251X	A	X	115	1,500	14.0 CT	2.0	LEADS	2-1/4	3-11/16	1-15/16	3-1/8	-	1.5
F-252U	A	U	115	1,500	14.0 CT	4.0	LEADS	3	2-1/2	2-7/16	2	2-1/4	3.0
F-253U	A	U	115	1,500	14.0 CT	6.0	LEADS	3-3/8	2-13/16	2-7/8	2-1/4	2-3/8	4.0
F-254X	A	X	115	1,500	20.0 CT	1.0	LEADS	2-1/4	3-11/16	1-15/16	3-1/8	-	1.5
F-255X	A	X	115	1,500	20.0 CT	2.0	LEADS	2-9/16	4	2-1/4	3-9/16	-	2.5
F-256U	A	U	115	1,500	20.0 CT	4.0	LEADS	3-3/8	2-13/16	2-7/8	2-3/8	-	4.0
F-257U	A	U	115	1,500	20.0 CT	6.0	LEADS	3-3/4	3-1/8	3-1/8	2-1/2	2-5/8	5.7
F-258U	A	U	115	1,500	20.0 CT	8.0	LEADS	3-3/4	3-1/8	3-1/2	2-1/2	2-7/8	6.4
F-259U	A	U	115	1,500	20.0 CT	10.0	LEADS	4-1/8	3-7/16	3-1/2	2-3/4	2-3/4	7.4
F-260U	A	U	115	1,500	24.0 CT	6.0	LEADS	3-3/4	3-1/8	3-1/2	2-1/2	2-7/8	6.4
F-261U	A	U	115	1,500	24.0 CT	8.0	LEADS	4-1/8	3-7/16	3-1/2	2-3/4	2-3/4	7.4
F-401U	A	U	115	1,500	24.0 CT	10.0	LEADS	4-1/8	3-7/16	3-3/4	2-3/4	3	8.0
F-226U#	A	U	115	1,500	24.0 CT	12.0	LEADS	4-9/16	3-3/4	4-1/8	3	3-1/4	10.4
F-122X	B	X	115	1,500	28.0 CT	0.175	LEADS	1-3/8	2-3/8	1-1/2	2	-	0.35
F-124X	B	X	115	1,500	28.0 CT	0.8	LEADS	1-15/16	3-1/4	2	2-13/16	-	1.0
F-184X	A	X	115	1,500	28.0 CT	1.0	LEADS	2-5/16	3-11/16	2-1/4	3-1/8	-	1.4
F-187U	A	U	115	1,500	28.0 CT	4.0	LEADS	3-1/2	2-7/8	3-1/16	2-1/4	2-3/4	5.3
F-188X	A	X	115	1,500	35.0 CT	0.1	LEADS	1-5/8	2-13/16	1-7/16	2-3/8	-	0.35
F-228X#	A	X	115	1,500	35.0 CT	0.3	LEADS	1-5/8	2-13/16	1-5/8	2-3/8	-	0.6
F-189X	A	X	115	1,500	35.0 CT	0.5	LEADS	2-5/16	3-11/16	1-15/16	3-1/8	-	1.0
F-191U	A	U	115	1,500	35.0 CT	4.0	LEADS	3-13/16	3-3/16	3-3/16	2-3/4	2-1/2	6.0
F-268U	A	U	115	1,500	35.0 CT	8.0	LEADS	4-1/2	3-3/4	4-1/4	3	3-1/4	11.0
F-270X	A	X	115	1,500	40.0 CT	1.0	LEADS	2-9/16	4	2-1/4	3-9/16	-	2.6
F-271U	A	U	115	1,500	40.0 CT	2.0	LEADS	3-3/8	2-13/16	2-7/8	2-1/4	2-3/8	4
F-272U	A	U	115	1,500	40.0 CT	4.0	LEADS	3-3/4	3-1/8	3-1/2	2-1/2	2-7/8	6.4
F-273U	A	U	115	1,500	40.0 CT	6.0	LEADS	4-1/2	3-3/4	4	3	3	10
F-275U	A	U	115	1,500	40.0 CT	10.0	LEADS	5-3/8	4-3/8	4-1/2	3-1/2	3-3/8	14.5
F-282U	A	U	115	1,500	60.0 CT	6.0	LEADS	5-1/4	4-3/8	4-1/8	3-1/2	2-7/8	12.5

POWER TRANSFORMERS

Chassis Mount – Single Secondary

80055 Rev. F

Single secondary

60 Hz CT = CENTER TAP

MOUNTING HOLE SIZES: X = 3/16" U = 13/64 x 3/8"

TYPE NO.	Hook Up	Case Type	Primary Voltage	RMS Test Voltage(Sec.)	SECONDARY		Connections	DIMENSIONS			Mounting		WT Lbs.
					Volts	Amps		H	W	D	MW	MD	
F-1X#	A	X	115	1,500	2.5 CT	3.0	LEADS	1-5/8	2-13/16	1-5/8	2-3/8	-	0.68
F-301X	G	X	115/230	1,500	2.5 CT	3.0	LEADS	1-5/8	2-13/16	1-5/8	2-3/8	-	0.68
F-6X#	D	X	115	2,500	2.5 CT	6.0	LEADS	1-15/16	3-5/16	1-3/4	2-13/16	-	1.0
F-3X#	A	X	115	3,000	2.5 CT	10.0	LEADS	2-9/32	3-3/4	2-1/8	3-1/8	-	1.7
F-314X	G	X	115/230	2,500	6.3 CT	1.2	LEADS	1-5/8	2-13/16	1-5/8	2-3/8	-	0.7
F-316X	G	X	115/230	2,500	6.3 CT	3.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-318X	G	X	115/230	1,500	6.3 CT	6.0	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.3
F-29U t	E	U	115	3,000	12.0 CT OR 11.0 CT OR 10.0 CT	11.0	LEADS	4-3/8	3-1/2	3-3/8	2-3/4	2-9/16	6.5
F-325X	G	X	115/230	1,500	12.6 CT	1.5	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-344X	G	X	115/230	1,500	12.6 CT	2.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.25
F-326X	G	X	115/230	1,500	12.6 CT	2.5	LEADS	2-9/32	3-11/16	2	3-1/8	-	1.55
F-3181U	F	U	115/230	1,500	12.6 CT	4.0	LEADS	3-1/16	2-9/16	2-3/16	2	2	2.3
F-3112X	G	X	115/230	1,500	14.0 CT	0.25	LEADS	1-3/8	2-3/8	1-1/2	2	-	0.3
F-115X	B	X	115	1,500	24.0 CT	0.085	LEADS	1-3/16	2-1/16	1-3/8	1-3/4	-	0.3
F-3115X	G	X	115/230	1,500	24.0 CT	0.085	LEADS	1-3/16	2-1/16	1-3/8	1-3/4	-	0.3
F-116X	G	X	115	1,500	24.0 CT	0.2	LEADS	1-3/8	2-3/8	1-1/2	2	-	0.45
F-3116X	G	X	115/230	1,500	24.0 CT	0.2	LEADS	1-3/8	2-3/8	1-1/2	2	-	0.45
F-117X	B	X	115	1,500	24.0 CT	0.4	LEADS	1-5/8	2-13/16	1-5/8	2-3/8	-	0.8
F-3117X	G	X	115/230	1,500	24.0 CT	0.4	LEADS	1-5/8	2-13/16	1-1/2	2-3/8	-	0.75
F-118X	B	X	115	1,500	24.0 CT	0.7	LEADS	2	3-1/4	2	2-13/16	-	1.3
F-3118X	G	X	115/230	1,500	24.0 CT	0.7	LEADS	2	3-1/4	2	2-13/16	-	1.3
F-45X#	B	X	115	1,500	24.0 CT	1.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-345X	G	X	115/230	1,500	24.0 CT	1.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-46X	B	X	115	1,500	24.0	1.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-14X#	C	X	115	2,500	6.3 CT	1.2	LEADS	1-5/8	2-13/16	1-5/8	2-3/8	-	0.7
F-192X	B	X	115	1,500	24.0 CT	2.0	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.3
F-193U	B	U	115	1,500	24.0 CT	4.0	LEADS	3-13/16	3-1/8	2-13/16	2-1/2	2-1/8	4.0
F-57X	B	X	117	1,500	25.2 CT	1.0	LEADS	1-15/16	3-9/16	2	2-13/16	-	1.5
F-357X	G	X	115/230	1,500	25.2 CT	1.0	LEADS	1-15/16	3-9/16	2	2-13/16	-	1.5
F-41X#	B	X	115	1,500	25.2 CT	2.0	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.2
F-341X	G	X	115/230	1,500	25.2 CT	2.0	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.2
F-56X	B	X	115	1,500	25.2 CT	2.8	LEADS	2-21/32	4	2-1/4	3-9/16	-	2.5
F-119X	B	X	115	1,500	26.8 CT	0.15	LEADS	1-3/8	2-3/8	1-1/2	2	-	0.45
F-40X#	B	X	115	1,500	26.8 CT	1.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-340X	G	X	115/230	1,500	26.8 CT	1.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-55X	B	X	115	1,500	26.8 CT	1.7	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.3
F-55X-1	H	X	117	1,500	26.8 CT	1.7	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.3
F-355X	G	X	115/230	1,500	26.8 CT	1.7	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.3
F-3185U	F	U	115/230	1,500	28.0 CT	2.0	LEADS	3-1/16	2-1/2	2-7/16	2	2-1/4	2.9
F-54X	B	X	115	1,500	35.0 CT	1.5	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.2
F-354X	G	X	115/230	1,500	35.0 CT	1.5	LEADS	2-19/32	4	2-1/4	3-9/16	-	2.2
F-59X	B	X	115	1,500	60.0 CT	0.4	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.3
F-279U	A	U	115	1,500	60.0 CT	1.0	LEADS	3	2-1/2	2-5/8	2	2-3/8	3.4
F-280U	A	U	115	1,500	60.0 CT	2.0	LEADS	3-3/4	3-1/8	3-1/8	2-1/2	2-5/8	5.6

t = Tapped primary to produce lower voltages

SPECIFICATIONS:

PRIMARY: 115/230 V, 50/60 Hz ; 117 V , 50/60 Hz

HOOK –UP A

115	-	-	APPLY TO	BLK - BLK	OUTPUT	GRN - GRN CT (GRN/YEL)
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HOOK -UP B

115	-	-	APPLY TO	BLK - BLK	OUTPUT	RED - RED CT (RED/YEL)
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Part F-46X has no CT

HOOK – UP C

115	-	-	APPLY TO	BLK - BLK	OUTPUT	BLU – BLU CT (YEL)
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HOOK – UP D

115	-	-	APPLY TO	BLK - BLK	OUTPUT	YEL - YEL CT (RED/YEL)
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Part F-6X has no CT

HOOK –UP E

115	TIE	BLK-RED/BLK, BLK/WHT-BLK/YEL	APPLY TO	BLK - BLK/YEL	OUTPUT	GRN - GRN CT (GRN/YEL)
115/230	TIE	BLK/WHT – RED/BLK	APPLY TO	BLK - BLK/YEL		

HOOK – UP F

115	TIE	BLK-BLK/WHT, RED-RED/WHT	APPLY TO	BLK - RED	OUTPUT	GRN - GRN CT (GRN/YEL)
115/230	TIE	BLK/WHT – RED/WHT	APPLY TO	BLK - RED		

HOOK – UP G

115	TIE	BLK-RED/BLK, BLK/GRN-RED/WHT	APPLY TO	BLK - BLK/GRN	OUTPUT	GRN - GRN CT (GRN/YEL)
115/230	TIE	BLK/WHT - RED/WHT	APPLY TO	BLK - BLK/GRN		

HOOK -UP H

117	-	-	APPLY TO	BLK - BLK	OUTPUT	RED - RED CT (RED/YEL)
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