

**Federal Pacific General Purpose Transformer**

**SE2N.050F to SE2T15F**

240x480 Primary Volts - 120/240 Secondary Volts

<b>Subcategory :</b>	Isolation
<b>Phase :</b>	Single
<b>Frequency:</b>	60 Hz
<b>kVA:</b>	0.05 to 15 kVA
<b>K rating:</b>	1
<b>Pri. configuration:</b>	Two winding
<b>Sec. configuration:</b>	Two winding
<b>Reverse connectable:</b>	No, Yes (1 kva and up)
<b>Winding material:</b>	Copper
<b>Electrostatic shielded:</b>	No
<b>Temperature rise:</b>	115 Deg C
<b>Insulation system:</b>	180 Deg C
<b>Enclosure rating:</b>	NEMA 3R
<b>Enclosure material:</b>	Steel
<b>Construction style:</b>	Enclosed - Encapsulated Core & Coil
<b>Mounting type:</b>	Wall
<b>Connection type:</b>	Wire Leads
<b>Cooling:</b>	Air/dry
<b>Agency approvals:</b>	UL and cUL Listed, CSA Approved.
<b>Sound level:</b>	Below NEMA standards.
<b>Warranty:</b>	12 years



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**SE2N.050F to SE2T15F**

240x480 Primary Volts - 120/240 Secondary Volts



Single-Phase  
.050 to 3 KVA



Single-Phase  
5 KVA to 15 KVA



Three-Phase  
3 KVA to 15 KVA

**Dimensions (in inches)**

Part #	kVA	Height	Width	Depth	Weight (lbs)	Wiring Diagram
SE2N.050F	0.05	8.25	3.25	4.25	8	1
SE2N.075F	0.075	8.25	3.25	4.25	9	1
SE2N.100F	0.1	8.25	3.25	4.25	10	1
SE2N.150F	0.15	9.25	4	5	14	1
SE2N.250F	0.25	9.25	4	5	15	1
SE2N.500F	0.5	11.25	5.25	6.5	21	1
SE2N.750F	0.75	11.25	5.25	6.5	25	1
SE2N1F	1	11.25	5.25	6.5	28	1
SE2N1.5F	1.5	13.25	6.25	7.75	45	1
SE2N2F	2	13.25	6.25	7.75	50	1
SE2N3FS	3	13.25	6.25	7.75	60	10
SE2T3F	3	13.25	6.25	7.75	60	8
SE2N5FS	5	15	10.1875	10.625	110	10
SE2T5F	5	15	10.1875	10.625	110	8
SE2N7.5F	7.5	15	10.1875	10.625	150	1
SE2T7.5F	7.5	15	10.1875	10.625	150	8
SE2N10F	10	17	13.1875	13.125	175	1
SE2T10F	10	17	13.1875	13.125	175	8
SE2N15F	15	17	13.1875	13.125	270	1
SE2T15F	15	17	13.1875	13.125	270	8

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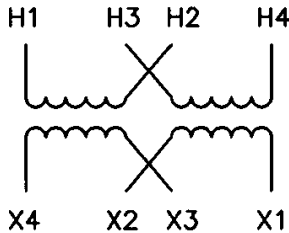
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240x480 Primary Volts - 120/240 Secondary Volts

**Diagram #1**

PRIMARY VOLTAGE	SECONDARY VOLTAGE	TAPS
240 X 480	120/240	NONE

**PRIMARY**



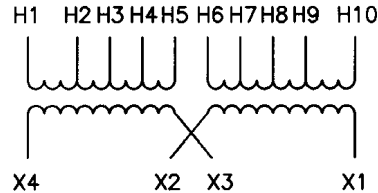
**SECONDARY**

VOLTS	CONNECTIONS	LINE LEADS
480	H2-H3	H1, H4
240	H1-H3, H2-H4	H1, H4
240	X2-X3	X1, X4
240/120	X2-X3	X1, X2, X4
120	X1-X3, X2-X4	X1, X4

**Diagram #8**

PRIMARY VOLTAGE	SECONDARY VOLTAGE	TAPS
240 X 480	120/240	2-2 1/2% FCAN & 4-2 1/2% FCBN

**PRIMARY**



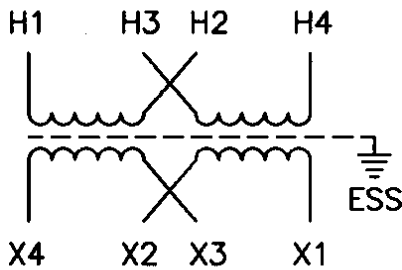
**SECONDARY**

VOLTS	CONNECTIONS	LINE LEADS
252	H1-H6, H10-H5	H1, H10
240	H1-H7, H10-H4	H1, H10
228	H1-H8, H10-H3	H1, H10
216	H1-H9, H10-H2	H1, H10
504	H5-H6	H1, H10
492	H5-H7	H1, H10
480	H4-H7	H1, H10
468	H4-H8	H1, H10
456	H3-H8	H1, H10
444	H3-H9	H1, H10
432	H2-H9	H1, H10
240	X2-X3	X1, X4
240/120	X2-X3	X1, X2, X4
120	X1-X3, X2-X4	X1, X4

**Diagram #10**

PRIMARY VOLTAGE	SECONDARY VOLTAGE	TAPS
240 X 480	120/240	NONE

**PRIMARY**



**SECONDARY**

VOLTS	CONNECTIONS	LINE LEADS
480	H2-H3	H1, H4
240	H1-H3, H2-H4	H1, H4
240	X2-X3	X1, X4
240/120	X2-X3	X1, X2, X4
120	X1-X3, X2-X4	X1, X4