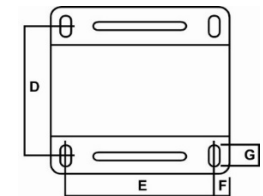
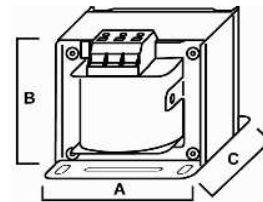


STANDARD SERIES
SINGLE-PHASE STANDARD TRANSFORMERS CLASS "F"

DIMENSIONS


Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN150012	30	0.230.400	0.24	77	78	80	56X43	1,0
✓	TCN150022	40	0.230.400	0.24	77	78	80	56X43	1,1
✓	TCN150032	50	0.230.400	0.24	77	78	85	56X47	1,2
✓	TCN150042	63	0.230.400	0.24	77	78	90	56X52	1,4
✓	TCN150045	80	0.230.400	0.24	86	85	85	70X47	1,6
✓	TCN150052	100	0.230.400	0.24	86	85	85	70X47	1,6
✓	TCN150062	160	0.230.400	0.24	86	85	95	70X57	2,1
✓	TCN150072	200	0.230.400	0.24	99	95	95	80X64	2,5
✓	TCN150082	250	0.230.400	0.24	99	95	105	80X74	3,2
✓	TCN150092	320	0.230.400	0.24	120	108	90	100X71	4,0
✓	TCN150102	400	0.230.400	0.24	120	108	95	100X76	4,4
✓	TCN150112	500	0.230.400	0.24	120	108	105	100X86	5,3

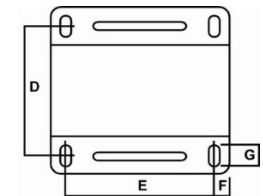
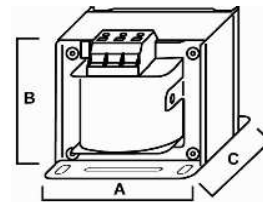
Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN150011	30	0.230.400.415.440	0.24	77	78	80	56X43	1,0
✓	TCN150021	40	0.230.400.415.440	0.24	77	78	80	56X43	1,1
✓	TCN150031	50	0.230.400.415.440	0.24	77	78	85	56X47	1,2
✓	TCN150041	63	0.230.400.415.440	0.24	77	78	90	56X52	1,4
✓	TCN150044	80	0.230.400.415.440	0.24	86	85	85	70X47	1,6
✓	TCN150051	100	0.230.400.415.440	0.24	86	85	85	70X47	1,6
✓	TCN150061	160	0.230.400.415.440	0.24	86	85	95	70X57	2,1
✓	TCN150071	200	0.230.400.415.440	0.24	99	95	95	80X64	2,5
✓	TCN150081	250	0.230.400.415.440	0.24	99	95	105	80X74	3,2
✓	TCN150091	320	0.230.400.415.440	0.24	120	108	90	100X71	4,0
✓	TCN150101	400	0.230.400.415.440	0.24	120	108	95	100X76	4,4
✓	TCN150111	500	0.230.400.415.440	0.24	120	108	105	100X86	5,3
✓	TCN150121	630	0.230.400.415.440	0.24	152	160	130	125X103	7,7

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DIMENSIONS



✓	TCN150131	800	0.230.400.415.440	0.24	152	160	160	125X133	11,5
✓	TCN150141	1000	0.230.400.415.440	0.24	152	160	170	125X143	12,2
X	TCN150151	1300	0.230.400.415.440	0.24	196	192	140	168X105	14,0
X	TCN150161	1600	0.230.400.415.440	0.24	196	192	155	168X121	16,6
X	TCN150171	2000	0.230.400.415.440	0.24	196	192	175	168X140	21,0
X	TCN150181	2500	0.230.400.415.440	0.24	196	192	195	168X161	25,0
X	TCN150191	3200	0.230.400.415.440	0.24	240	280	210	200X126	27,0

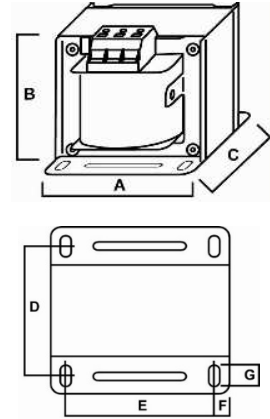
Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN151011	30	0.230.400.415.440	12.0.12 (0.12.24)	77	78	80	56X43	1,0
✓	TCN151021	40	0.230.400.415.440	12.0.12 (0.12.24)	77	78	80	56X43	1,1
✓	TCN151031	50	0.230.400.415.440	12.0.12 (0.12.24)	77	78	85	56X47	1,2
✓	TCN151041	63	0.230.400.415.440	12.0.12 (0.12.24)	77	78	90	56X52	1,4
✓	TCN151044	80	0.230.400.415.440	12.0.12 (0.12.24)	86	85	85	70X47	1,6
✓	TCN151051	100	0.230.400.415.440	12.0.12 (0.12.24)	86	85	85	70X47	1,6
✓	TCN151061	160	0.230.400.415.440	12.0.12 (0.12.24)	86	85	95	70X57	2,1
✓	TCN151071	200	0.230.400.415.440	12.0.12 (0.12.24)	99	95	95	80X64	2,5
✓	TCN151081	250	0.230.400.415.440	12.0.12 (0.12.24)	99	95	105	80X74	3,2
✓	TCN151091	320	0.230.400.415.440	12.0.12 (0.12.24)	120	108	90	100X71	4,0
✓	TCN151101	400	0.230.400.415.440	12.0.12 (0.12.24)	120	108	95	100X76	4,4
✓	TCN151111	500	0.230.400.415.440	12.0.12 (0.12.24)	120	108	105	100X86	5,3
✓	TCN151121	630	0.230.400.415.440	12.0.12 (0.12.24)	152	160	130	125X103	7,7
✓	TCN151131	800	0.230.400.415.440	12.0.12 (0.12.24)	152	160	160	125X133	11,5
✓	TCN151141	1000	0.230.400.415.440	12.0.12 (0.12.24)	152	160	170	125X143	12,2
X	TCN151151	1300	0.230.400.415.440	12.0.12 (0.12.24)	196	192	140	168X105	14,0
X	TCN151161	1600	0.230.400.415.440	12.0.12 (0.12.24)	196	192	155	168X121	16,6
X	TCN151171	2000	0.230.400.415.440	12.0.12 (0.12.24)	196	192	175	168X140	21,0
X	TCN151181	2500	0.230.400.415.440	12.0.12 (0.12.24)	196	192	195	168X161	25,0
X	TCN151191	3200	0.230.400.415.440	12.0.12 (0.12.24)	240	280	210	200X126	27,0

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DIMENSIONS



Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN152011	30	0.400	12.0.12 (0.12.24)	77	78	80	56X43	1,0
✓	TCN152021	40	0.400	12.0.12 (0.12.24)	77	78	80	56X43	1,1
✓	TCN152031	50	0.400	12.0.12 (0.12.24)	77	78	85	56X47	1,2
✓	TCN152041	63	0.400	12.0.12 (0.12.24)	77	78	90	56X52	1,4
✓	TCN152051	100	0.400	12.0.12 (0.12.24)	86	85	85	70X47	1,6
✓	TCN152061	160	0.400	12.0.12 (0.12.24)	86	85	95	70X57	2,1
✓	TCN152071	200	0.400	12.0.12 (0.12.24)	99	95	95	80X64	2,5
✓	TCN152081	250	0.400	12.0.12 (0.12.24)	99	95	105	80X74	3,2

Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN153011	30	0.400	12.0.12 (0.12.24)	77	78	80	56X43	1,0
✓	TCN153021	40	0.400	12.0.12 (0.12.24)	77	78	80	56X43	1,1
✓	TCN153031	50	0.400	12.0.12 (0.12.24)	77	78	85	56X47	1,2
✓	TCN153041	63	0.400	12.0.12 (0.12.24)	77	78	90	56X52	1,4
✓	TCN153051	100	0.400	12.0.12 (0.12.24)	86	85	85	70X47	1,6
✓	TCN153061	160	0.400	12.0.12 (0.12.24)	86	85	95	70X57	2,1
✓	TCN153071	200	0.400	12.0.12 (0.12.24)	99	95	95	80X64	2,5
✓	TCN153081	250	0.400	12.0.12 (0.12.24)	99	95	105	80X74	3,2

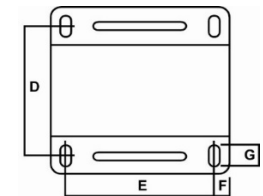
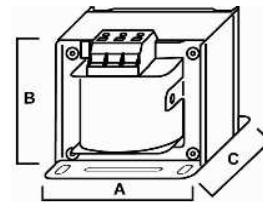
Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN160012	30	0.230.400	0.115	77	78	80	56X43	1,0

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✓	TCN160022	40	0.230.400	0.115	77	78	80	56X43	1,1
✓	TCN160032	50	0.230.400	0.115	77	78	85	56X47	1,2
✓	TCN160042	63	0.230.400	0.115	77	78	90	56X52	1,4
✓	TCN160045	80	0.230.400	0.115	86	85	85	70X47	1,6
✓	TCN160052	100	0.230.400	0.115	86	85	85	70X47	1,6
✓	TCN160062	160	0.230.400	0.115	86	85	95	70X57	2,1
✓	TCN160072	200	0.230.400	0.115	99	95	95	80X64	2,5
✓	TCN160082	250	0.230.400	0.115	99	95	105	80X74	3,2
✓	TCN160092	320	0.230.400	0.115	120	108	90	100X71	4,0
✓	TCN160102	400	0.230.400	0.115	120	108	95	100X76	4,4
✓	TCN160112	500	0.230.400	0.115	120	108	105	100X86	5,3

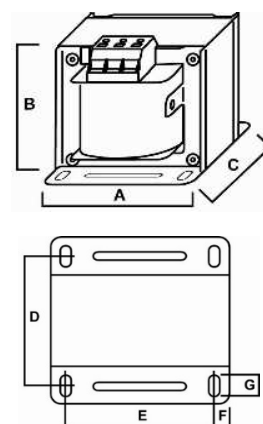
Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN160011	30	0.230.400.415.440	0.115	77	78	80	56X43	1,0
✓	TCN160021	40	0.230.400.415.440	0.115	77	78	80	56X43	1,1
✓	TCN160031	50	0.230.400.415.440	0.115	77	78	85	56X47	1,2
✓	TCN160041	63	0.230.400.415.440	0.115	77	78	90	56X52	1,4
✓	TCN160044	80	0.230.400.415.440	0.115	86	85	85	70X47	1,6
✓	TCN160051	100	0.230.400.415.440	0.115	86	85	85	70X47	1,6
✓	TCN160061	160	0.230.400.415.440	0.115	86	85	95	70X57	2,1
✓	TCN160071	200	0.230.400.415.440	0.115	99	95	95	80X64	2,5
✓	TCN160081	250	0.230.400.415.440	0.115	99	95	105	80X74	3,2
✓	TCN160091	320	0.230.400.415.440	0.115	120	108	90	100X71	4,0
✓	TCN160101	400	0.230.400.415.440	0.115	120	108	95	100X76	4,4
✓	TCN160111	500	0.230.400.415.440	0.115	120	108	105	100X86	5,3
✓	TCN160121	630	0.230.400.415.440	0.115	152	160	130	125X103	7,7
✓	TCN160131	800	0.230.400.415.440	0.115	152	160	160	125X133	11,5
✓	TCN160141	1000	0.230.400.415.440	0.115	152	160	170	125X143	12,2
X	TCN160151	1300	0.230.400.415.440	0.115	196	192	140	168X105	14,0
X	TCN160161	1600	0.230.400.415.440	0.115	196	192	155	168X121	16,6
X	TCN160171	2000	0.230.400.415.440	0.115	196	192	175	168X140	21,0

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X	TCN160181	2500	0.230.400.415.440	0.115	196	192	195	168X161	25,0
X	TCN160191	3200	0.230.400.415.440	0.115	240	280	210	200X126	27,0

Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN161011	30	0.230.400.415.440	55.0.55 (0.55.110)	77	78	80	56X43	1,0
✓	TCN161021	40	0.230.400.415.440	55.0.55 (0.55.110)	77	78	80	56X43	1,1
✓	TCN161031	50	0.230.400.415.440	55.0.55 (0.55.110)	77	78	85	56X47	1,2
✓	TCN161041	63	0.230.400.415.440	55.0.55 (0.55.110)	77	78	90	56X52	1,4
✓	TCN161044	80	0.230.400.415.440	55.0.55 (0.55.110)	86	85	85	70X47	1,6
✓	TCN161051	100	0.230.400.415.440	55.0.55 (0.55.110)	86	85	85	70X47	1,6
✓	TCN161061	160	0.230.400.415.440	55.0.55 (0.55.110)	86	85	95	70X57	2,1
✓	TCN161071	200	0.230.400.415.440	55.0.55 (0.55.110)	99	95	95	80X64	2,5
✓	TCN161081	250	0.230.400.415.440	55.0.55 (0.55.110)	99	95	105	80X74	3,2
✓	TCN161091	320	0.230.400.415.440	55.0.55 (0.55.110)	120	108	90	100X71	4,0
✓	TCN161101	400	0.230.400.415.440	55.0.55 (0.55.110)	120	108	95	100X76	4,4
✓	TCN161111	500	0.230.400.415.440	55.0.55 (0.55.110)	120	108	105	100X86	5,3
✓	TCN161121	630	0.230.400.415.440	55.0.55 (0.55.110)	152	160	130	125X103	7,7
✓	TCN161131	800	0.230.400.415.440	55.0.55 (0.55.110)	152	160	160	125X133	11,5
✓	TCN161141	1000	0.230.400.415.440	55.0.55 (0.55.110)	152	160	170	125X143	12,2
X	TCN161151	1300	0.230.400.415.440	55.0.55 (0.55.110)	196	192	140	168X105	14,0
X	TCN161161	1600	0.230.400.415.440	55.0.55 (0.55.110)	196	192	155	168X121	16,6
X	TCN161171	2000	0.230.400.415.440	55.0.55 (0.55.110)	196	192	175	168X140	21,0
X	TCN161181	2500	0.230.400.415.440	55.0.55 (0.55.110)	196	192	195	168X161	25,0
X	TCN161191	3200	0.230.400.415.440	55.0.55 (0.55.110)	240	280	210	200X126	27,0

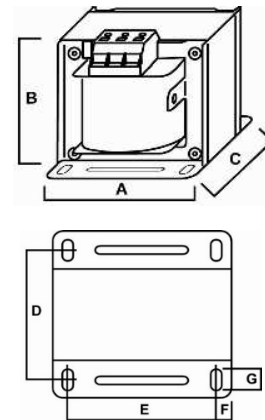
Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN170012	30	0.230.400	0.230	77	78	80	56X43	1,0
✓	TCN170022	40	0.230.400	0.230	77	78	80	56X43	1,1

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DIMENSIONS



✓	TCN170032	50	0.230.400	0.230	77	78	85	56X47	1,2
✓	TCN170042	63	0.230.400	0.230	77	78	90	56X52	1,4
✓	TCN170045	80	0.230.400	0.230	86	85	85	70X47	1,6
✓	TCN170052	100	0.230.400	0.230	86	85	85	70X47	1,6
✓	TCN170062	160	0.230.400	0.230	86	85	95	70X57	2,1
✓	TCN170072	200	0.230.400	0.230	99	95	95	80X64	2,5
✓	TCN170082	250	0.230.400	0.230	99	95	105	80X74	3,2
✓	TCN170092	320	0.230.400	0.230	120	108	90	100X71	4,0
✓	TCN170102	400	0.230.400	0.230	120	108	95	100X76	4,4
✓	TCN170112	500	0.230.400	0.230	120	108	105	100X86	5,3

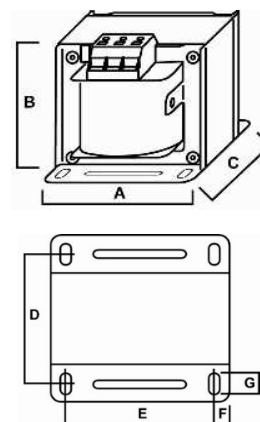
Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN170011	30	0.230.400.415.440	0.230	77	78	80	56X43	1,0
✓	TCN170021	40	0.230.400.415.440	0.230	77	78	80	56X43	1,1
✓	TCN170031	50	0.230.400.415.440	0.230	77	78	85	56X47	1,2
✓	TCN170041	63	0.230.400.415.440	0.230	77	78	90	56X52	1,4
✓	TCN170044	80	0.230.400.415.440	0.230	86	85	85	70X47	1,6
✓	TCN170051	100	0.230.400.415.440	0.230	86	85	85	70X47	1,6
✓	TCN170061	160	0.230.400.415.440	0.230	86	85	95	70X57	2,1
✓	TCN170071	200	0.230.400.415.440	0.230	99	95	95	80X64	2,5
✓	TCN170081	250	0.230.400.415.440	0.230	99	95	105	80X74	3,2
✓	TCN170091	320	0.230.400.415.440	0.230	120	108	90	100X71	4,0
✓	TCN170101	400	0.230.400.415.440	0.230	120	108	95	100X76	4,4
✓	TCN170111	500	0.230.400.415.440	0.230	120	108	105	100X86	5,3
✓	TCN170121	630	0.230.400.415.440	0.230	152	160	130	125X103	7,7
✓	TCN170131	800	0.230.400.415.440	0.230	152	160	160	125X133	11,5
✓	TCN170141	1000	0.230.400.415.440	0.230	152	160	170	125X143	12,2
✓	TCN170151	1300	0.230.400.415.440	0.230	196	192	140	168X105	14,0
✓	TCN170161	1600	0.230.400.415.440	0.230	196	192	155	168X121	16,6
✓	TCN170171	2000	0.230.400.415.440	0.230	196	192	175	168X140	21,0
✓	TCN170181	2500	0.230.400.415.440	0.230	196	192	195	168X161	25,0

STANDARD SERIES

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DIMENSIONS



X	TCN170191	3200	0.230.400.415.440	0.230	240	280	210	200X126	27,0
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Available on stock	Code	Power VA	Input voltage	Output voltage	Dimensions			Holes	Weight
					A	B	C	ExD	
✓	TCN171011	30	0.230.400.415.440	110.0.110 (0.110.220)	77	78	80	56X43	1,0
✓	TCN171021	40	0.230.400.415.440	110.0.110 (0.110.220)	77	78	80	56X43	1,1
✓	TCN171031	50	0.230.400.415.440	110.0.110 (0.110.220)	77	78	85	56X47	1,2
✓	TCN171041	63	0.230.400.415.440	110.0.110 (0.110.220)	77	78	90	56X52	1,4
✓	TCN171044	80	0.230.400.415.440	110.0.110 (0.110.220)	86	85	85	70X47	1,6
✓	TCN171051	100	0.230.400.415.440	110.0.110 (0.110.220)	86	85	85	70X47	1,6
✓	TCN171061	160	0.230.400.415.440	110.0.110 (0.110.220)	86	85	95	70X57	2,1
✓	TCN171071	200	0.230.400.415.440	110.0.110 (0.110.220)	99	95	95	80X64	2,5
✓	TCN171081	250	0.230.400.415.440	110.0.110 (0.110.220)	99	95	105	80X74	3,2
✓	TCN171091	320	0.230.400.415.440	110.0.110 (0.110.220)	120	108	90	100X71	4,0
✓	TCN171101	400	0.230.400.415.440	110.0.110 (0.110.220)	120	108	95	100X76	4,4
✓	TCN171111	500	0.230.400.415.440	110.0.110 (0.110.220)	120	108	105	100X86	5,3
✓	TCN171121	630	0.230.400.415.440	110.0.110 (0.110.220)	152	160	130	125X103	7,7
✓	TCN171131	800	0.230.400.415.440	110.0.110 (0.110.220)	152	160	160	125X133	11,5
✓	TCN171141	1000	0.230.400.415.440	110.0.110 (0.110.220)	152	160	170	125X143	12,2
X	TCN171151	1300	0.230.400.415.440	110.0.110 (0.110.220)	196	192	140	168X105	14,0
X	TCN171161	1600	0.230.400.415.440	110.0.110 (0.110.220)	196	192	155	168X121	16,6
X	TCN171171	2000	0.230.400.415.440	110.0.110 (0.110.220)	196	192	175	168X140	21,0
X	TCN171181	2500	0.230.400.415.440	110.0.110 (0.110.220)	196	192	195	168X161	25,0
X	TCN171191	3200	0.230.400.415.440	110.0.110 (0.110.220)	240	280	210	200X126	27,0