

Transformer Quick Selector Guide



General Purpose Single Phase, 60 Hz

Type	Pri Sec KVA	120 x 240 120/240 No Taps	208 120/240 With Taps	240 x 480 120/240 No Taps	240 x 480 120/240 With Taps	277 120/240 With Taps	480 120/240 With Taps	600 120/240 With Taps (Electrostatically Shielded)
FB	.050			SE2N.050F				
	.075			SE2N.075F				
	.100			SE2N.100F				
	.150			SE2N.150F				
	.250			SE2N.250F				
	.500			SE2N.500F				
	.750			SE2N.750F				
	1	SE120N1F	SE201D1F	SE2N1F		SE271D1F	SE481D1F	SE61D1FS
	1.5	SE120N1.5F	SE201D1.5F	SE2N1.5F		SE271D1.5F	SE481D1.5F	SE61D1.5FS
	2	SE120N2F	SE201D2F	SE2N2F		SE271D2F	SE481D2F	SE61D2FS
	3	SE120N3F	SE201D3F	SE2N3FS	SE2T3F	SE271D3F	SE481D3F	SE61D3FS
	5	SE120N5F	SE201D5F	SE2N5FS	SE2T5F	SE271D5F	SE481D5F	SE61D5FS
	7.5	SE120N7.5F	SE201D7.5F	SE2N7.5F	SE2T7.5F	SE271D7.5F	SE481D7.5F	SE61D7.5FS
10	SE120N10F	SE201D10F	SE2N10F	SE2T10F	SE271D10F	SE481D10F	SE61D10FS	
15	SE120N15F	SE201D15F	SE2N15F	SE2T15F	SE271D15F	SE481D15F	SE61G15FS	
FH	15				S2T15E			S61T15SE
	25				S2T25E			S61T25SE
	37.5				S2T37E			S61T37SE
	50				S2T50E			S61T50SE
	75				S2T75E			S61T75SE
	100				S2T100E			S61T100SE
	167				S2T167E			S61T167SE

Buck Boost Single Phase, 60 Hz

Type	Pri Sec KVA	120 x 240 12/24	120/240 16/32	240 x 480 24/48
FB	.050	SB12N.050F	SB16N.050F	SB24N.050F
	.100	SB12N.100F	SB16N.100F	SB24N.100F
	.150	SB12N.150F	SB16N.150F	SB24N.150F
	.250	SB12N.250F	SB16N.250F	SB24N.250F
	.500	SB12N.500F	SB16N.500F	SB24N.500F
	.750	SB12N.750F	SB16N.750F	SB24N.750F
	1	SB12N1F	SB16N1F	SB24N1F
	1.5	SB12N1.5F	SB16N1.5F	SB24N1.5F
	2	SB12N2F	SB16N2F	SB24N2F
	3	SB12N3F	SB16N3F	SB24N3F
5	SB12N5F	SB16N5F	SB24N5F	

Type FB

- Encapsulated/Compound Filled
- 115° C Rise, 180° C Insulation System
- U.L.® Listed For Indoor & Outdoor Application

Type FH Energy Efficient

- Ventilated
- 150° C Rise, Optional 115° C & 80° C Rise
- 220° C Insulation System
- U. L.® Listed
- Floor Mounted
- NEMA TP-1 2002 Compliant
- NEMA Premium®

Catalog numbers shown in red indicate transformers normally in stock.

General Purpose Three Phase, 60 Hz

Type	Pri Sec KVA	208 - 208Y/120 Electrostatically Shielded	208 480Y/277	240 208Y/120 Electrostatically Shielded	440 220Y/127	480 208Y/120	480 - 208Y/120 Electrostatically Shielded	
FB	3			TE242D3FS		TE4D3F	TE4D3FS	
	6			TE242D6FS		TE4D6F	TE4D6FS	
	9			TE242D9FS		TE4D9F	TE4D9FS	
	15			TE242D15FS		TE4D15F	TE4D15FS	
FH	15	T202H15SE	T204H15E	T242T15SE	T422X15E	T4T15E	T4T15SE	
	30	T202H30SE	T204H30E	T242T30SE		T4T30E	T4T30SE	
	45	T202H45SE	T204H45E	T242T45SE		T4T45E	T4T45SE	
	75	T202H75SE	T204H75E	T242T75SE	T422X75E	T4T75E	T4T75SE	
	112.5	T202H112SE	T204H112E	T242T112SE		T4T112E	T4T112SE	
	150	T202H150SE	T204H150E	T242T150SE		T4T150E	T4T150SE	
	225	T202J225SE	T204J225E	T242J225SE		T4T225E	T4T225SE	
	300	T202L300SE	T204L300E	T242L300SE		T4T300E	T4T300SE	
	500	T202E500SE	T204E500E	T242B500SE		T4T500E	T4T500SE	
	750		T204E750E			T4T750E	T4T750SE	
1000					T4J1000E	T4J1000SE		

115° C Optional Temperature Rise

FH	15	T202H15FSE	T204H15FE	T242T15FSE		T4T15FE	T4T15FSE	
	30	T202H30FSE	T204H30FE	T242T30FSE		T4T30FE	T4T30FSE	
	45	T202H45FSE	T204H45FE	T242T45FSE		T4T45FE	T4T45FSE	
	75	T202H75FSE	T204H75FE	T242T75FSE		T4T75FE	T4T75FSE	
	112.5	T202H112FSE	T204H112FE	T242T112FSE		T4T112FE	T4T112FSE	
	150	T202J150FSE	T204J150FE	T242J150FSE		T4T150FE	T4T150FSE	
	225	T202L225FSE	T204L225FE	T242L225FSE		T4T225FE	T4T225FSE	
	300	T202B300FSE	T204B300FE	T242B300FSE		T4T300FE	T4T300FSE	
500		T204E500FE			T4T500FE	T4T500FSE		

80° C Optional Temperature Rise

FH	15	T202H15BSE	T204H15BE	T242T15BSE		T4T15BE	T4T15BSE	
	30	T202H30BSE	T204H30BE	T242T30BSE		T4T30BE	T4T30BSE	
	45	T202H45BSE	T204H45BE	T242T45BSE		T4T45BE	T4T45BSE	
	75	T202H75BSE	T204H75BE	T242T75BSE		T4T75BE	T4T75BSE	
	112.5	T202J112BSE	T204J112BE	T242T112BSE		T4T112BE	T4T112BSE	
	150	T202J150BSE	T204J150BE	T242J150BSE		T4T150BE	T4T150BSE	
	225	T202B225BSE	T204B225BE	T242B225BSE		T4T225BE	T4T225BSE	
	300	T202B300BSE	T204B300BE	T242B300BSE		T4T300BE	T4T300BSE	
500		T204E500BE			T4T500BE	T4T500BSE		

	480 - 208Y/120 Electrostatically Shielded Copper	480 240/120 LT	480 - 240/120 LT Electrostatically Shielded	480 480Y/277	600 208Y/120 Electrostatically Shielded
		TE482D3F (No LT)	TE482D3FS (No LT)		
		TE482D6F (No LT)	TE482D6FS (No LT)		
		TE482D9F (No LT)	TE482D9FS (No LT)		
		TE482D15F (No LT)	TE482D15FS (No LT)		
	T4T15CSE	T43T15E	T43T15SE	T484T15E	T6T15SE
	T4T30CSE	T43T30E	T43T30SE	T484T30E	T6T30SE
	T4T45CSE	T43T45E	T43T45SE	T484T45E	T6T45SE
	T4T75CSE	T43T75E	T43T75SE	T484T75E	T6T75SE
	T4T112CSE	T43T112E	T43T112SE	T484T112E	T6T112SE
	T4T150CSE	T43T150E	T43T150SE	T484T150E	T6T150SE
	T4T225CSE	T43T225E	T43T225SE	T484T225E	T6T225SE
	T4T300CSE	T43T300E	T43T300SE	T484T300E	T6T300SE
	T4T500CSE	T43T500E	T43T500SE	T484T500E	T6T500SE
	T4T750CSE	T43T750E	T43T750SE	T484T750E	
	T4J1000CSE				
	T4T15FCSE	T43T15FE	T43T15FSE	T484T15FE	T6T15FSE
	T4T30FCSE	T43T30FE	T43T30FSE	T484T30FE	T6T30FSE
	T4T45FCSE	T43T45FE	T43T45FSE	T484T45FE	T6T45FSE
	T4T75FCSE	T43T75FE	T43T75FSE	T484T75FE	T6T75FSE
	T4T112FCSE	T43T112FE	T43T112FSE	T484T112FE	T6T112FSE
	T4T150FCSE	T43T150FE	T43T150FSE	T484T150FE	T6T150FSE
	T4T225FCSE	T43T225FE	T43T225FSE	T484T225FE	T6T225FSE
	T4T300FCSE	T43T300FE	T43T300FSE	T484T300FE	T6T300FSE
	T4T500FCSE	T43T500FE	T43T500FSE	T484T500FE	
	T4T15BCSE	T43T15BE	T43T15BSE	T484T15BE	T6T15BSE
	T4T30BCSE	T43T30BE	T43T30BSE	T484T30BE	T6T30BSE
	T4T45BCSE	T43T45BE	T43T45BSE	T484T45BE	T6T45BSE
	T4T75BCSE	T43T75BE	T43T75BSE	T484T75BE	T6T75BSE
	T4T112BCSE	T43T112BE	T43T112BSE	T484T112BE	T6T112BSE
	T4T150BCSE	T43T150BE	T43T150BSE	T484T150BE	T6T150BSE
	T4T225BCSE	T43T225BE	T43T225BSE	T484T225BE	T6T225BSE
	T4T300BCSE	T43T300BE	T43T300BSE	T484T300BE	T6T300BSE
	T4T500BCSE	T43T500BE	T43T500BSE	T484T500BE	

K-Factor Rated — 480-208Y/120, Three Phase, 60Hz

Type	KVA	Electrostatically Shielded Aluminum			Electrostatically Shielded Copper		
		K4	K13	K20	K4	K13	K20
FH	15	T4T15SK4E	T4T15SK13E	T4T15SK20E	T4T15CSK4E	T4T15CSK13E	T4T15CSK20E
	30	T4T30SK4E	T4T30SK13E	T4T30SK20E	T4T30CSK4E	T4T30CSK13E	T4T30CSK20E
	45	T4T45SK4E	T4T45SK13E	T4T45SK20E	T4T45CSK4E	T4T45CSK13E	T4T45CSK20E
	75	T4T75SK4E	T4T75SK13E	T4T75SK20E	T4T75CSK4E	T4T75CSK13E	T4T75CSK20E
	112.5	T4T112SK4E	T4T112SK13E	T4T112SK20E	T4T112CSK4E	T4T112CSK13E	T4T112CSK20E
	150	T4T150SK4E	T4T150SK13E	T4T150SK20E	T4T150CSK4E	T4T150CSK13E	T4T150CSK20E
	225	T4T225SK4E	T4T225SK13E	T4T225SK20E	T4T225CSK4E	T4T225CSK13E	T4T225CSK20E
	300	T4T300SK4E	T4T300SK13E	T4T300SK20E	T4T300CSK4E	T4T300CSK13E	T4T300CSK20E
	500	T4T500SK4E	T4T500SK13E	T4T500SK20E	T4T500CSK4E	T4T500CSK13E	T4T500CSK20E

115° C Optional Temperature Rise

FH	15	T4T15FSK4E	T4T15FSK13E	T4T15FSK20E	T4T15FCSK4E	T4T15FCSK13E	T4T15FCSK20E
	30	T4T30FSK4E	T4T30FSK13E	T4T30FSK20E	T4T30FCSK4E	T4T30FCSK13E	T4T30FCSK20E
	45	T4T45FSK4E	T4T45FSK13E	T4T45FSK20E	T4T45FCSK4E	T4T45FCSK13E	T4T45FCSK20E
	75	T4T75FSK4E	T4T75FSK13E	T4T75FSK20E	T4T75FCSK4E	T4T75FCSK13E	T4T75FCSK20E
	112.5	T4T112FSK4E	T4T112FSK13E	T4T112FSK20E	T4T112FCSK4E	T4T112FCSK13E	T4T112FCSK20E
	150	T4T150FSK4E	T4T150FSK13E	T4T150FSK20E	T4T150FCSK4E	T4T150FCSK13E	T4T150FCSK20E
	225	T4T225FSK4E	T4T225FSK13E	T4T225FSK20E	T4T225FCSK4E	T4T225FCSK13E	T4T225FCSK20E
	300	T4T300FSK4E	T4T300FSK13E	T4T300FSK20E	T4T300FCSK4E	T4T300FCSK13E	T4T300FCSK20E
	500	T4T500FSK4E	T4T500FSK13E	T4T500FSK20E	T4T500FCSK4E	T4T500FCSK13E	T4T500FCSK20E

80° C Optional Temperature Rise

FH	15	T4T15BSK4E	T4T15BSK13E	T4T15BSK20E	T4T15BCSK4E	T4T15BCSK13E	T4T15BCSK20E
	30	T4T30BSK4E	T4T30BSK13E	T4T30BSK20E	T4T30BCSK4E	T4T30BCSK13E	T4T30BCSK20E
	45	T4T45BSK4E	T4T45BSK13E	T4T45BSK20E	T4T45BCSK4E	T4T45BCSK13E	T4T45BCSK20E
	75	T4T75BSK4E	T4T75BSK13E	T4T75BSK20E	T4T75BCSK4E	T4T75BCSK13E	T4T75BCSK20E
	112.5	T4T112BSK4E	T4T112BSK13E	T4T112BSK20E	T4T112BCSK4E	T4T112BCSK13E	T4T112BCSK20E
	150	T4T150BSK4E	T4T150BSK13E	T4T150BSK20E	T4T150BCSK4E	T4T150BCSK13E	T4T150BCSK20E
	225	T4T225BSK4E	T4T225BSK13E	T4T225BSK20E	T4T225BCSK4E	T4T225BCSK13E	T4T225BCSK20E
	300	T4T300BSK4E	T4T300BSK13E	T4T300BSK20E	T4T300BCSK4E	T4T300BCSK13E	T4T300BCSK20E
	500	T4T500BSK4E	T4T500BSK13E	T4T500BSK20E	T4T500BCSK4E	T4T500BCSK13E	T4T500BCSK20E

Other K-Factor voltage combinations are also available from stock.

Motor Drive Isolation Transformers Three-Phase, 60 Hz, Type FH

KVA	230Δ - 230Y	230Δ - 460Y	460Δ - 230Y	460Δ - 460Y	230Δ - 575Y	460Δ - 575Y	575Δ - 230Y	575Δ - 460Y	575Δ - 575Y
7.5	FH7.5AEMD	FH7.5AFMD	FH7.5CEMD	FH7.5CFMD	FH7.5AHMD	FH7.5CHMD	FH7.5DEMD	FH7.5DFMD	FH7.5DHMD
11	FH11AEMD	FH11AFMD	FH11CEMD	FH11CFMD	FH11AHMD	FH7.5CHMD	FH11DEMD	FH11DFMD	FH11DHMD
15	FH15AEMD	FH15AFMD	FH15CEMD	FH15CFMD	FH15AHMD	FH15CHMD	FH15DEMD	FH15DFMD	FH15DHMD
20	FH20AEMD	FH20AFMD	FH20CEMD	FH20CFMD	FH20AHMD	FH20CHMD	FH20DEMD	FH20DFMD	FH20DHMD
27	FH27AEMD	FH27AFMD	FH27CEMD	FH27CFMD	FH27AHMD	FH27CHMD	FH27DEMD	FH27DFMD	FH27DHMD
34	FH34AEMD	FH34AFMD	FH34CEMD	FH34CFMD	FH34AHMD	FH34CHMD	FH34DEMD	FH34DFMD	FH34DHMD
40	FH40AEMD	FH40AFMD	FH40CEMD	FH40CFMD	FH40AHMD	FH40CHMD	FH40DEMD	FH40DFMD	FH40DHMD
51	FH51AEMD	FH51AFMD	FH51CEMD	FH51CFMD	FH51AHMD	FH51CHMD	FH51DEMD	FH51DFMD	FH51DHMD
63	FH63AEMD	FH63AFMD	FH63CEMD	FH63CFMD	FH63AHMD	FH63CHMD	FH63DEMD	FH63DFMD	FH63DHMD
75	FH75AEMD	FH75AFMD	FH75CEMD	FH75CFMD	FH75AHMD	FH75CHMD	FH75DEMD	FH75DFMD	FH75DHMD
93	FH93AEMD	FH93AFMD	FH93CEMD	FH93CFMD	FH93AHMD	FH93CHMD	FH93DEMD	FH93DFMD	FH93DHMD
118	FH118AEMD	FH118AFMD	FH118CEMD	FH118CFMD	FH118AHMD	FH118CHMD	FH118DEMD	FH118DFMD	FH118DHMD
145	FH145AEMD	FH145AFMD	FH145CEMD	FH145CFMD	FH145AHMD	FH145CHMD	FH145DEMD	FH145DFMD	FH145DHMD
175	FH175AEMD	FH175AFMD	FH175CEMD	FH175CFMD	FH175AHMD	FH175CHMD	FH175DEMD	FH175DFMD	FH175DHMD
220	FH220AEMD	FH220AFMD	FH220CEMD	FH220CFMD	FH220AHMD	FH220CHMD	FH220DEMD	FH220DFMD	FH220DHMD
275	FH275AEMD	FH275AFMD	FH275CEMD	FH275CFMD	FH275AHMD	FH275CHMD	FH275DEMD	FH275DFMD	FH275DHMD
330	FH330AEMD	FH330AFMD	FH330CEMD	FH330CFMD	FH330AHMD	FH330CHMD	FH330DEMD	FH330DFMD	FH330DHMD
440	FH440AEMD	FH440AFMD	FH440CEMD	FH440CFMD	FH440AHMD	FH440CHMD	FH440DEMD	FH440DFMD	FH440DHMD
550	FH550AEMD	FH550AFMD	FH550CEMD	FH550CFMD	FH550AHMD	FH550CHMD	FH550DEMD	FH550DFMD	FH550DHMD
660	FH660AEMD	FH660AFMD	FH660CEMD	FH660CFMD	FH660AHMD	FH660CHMD	FH660DEMD	FH660DFMD	FH660DHMD
750	FH750AEMD	FH750AFMD	FH750CEMD	FH750CFMD	FH750AHMD	FH750CHMD	FH750DEMD	FH750DFMD	FH750DHMD

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