2016 Federal Pacific Stock Transformers Technical Data

FEDERAL PACIFIC™

2016 Transformer Naming Convention
(using T48LH2Y-75 as an example)

T	**Type**	T = Three Phase, Ventilated N = Three Phase, Encapsulated S = Single Phase, Ventilated P = Single Phase, Encapsulated K = Single Phase, Buck Boost
48	**Primary**	**Single or Three Phase** 20 = 208 24 = 240 48 = 480 60 = 600 Three phase primary windings will be Delta connected. **Single Phase Only** 1X = 120 x 240 2X = 240 x 480 27 = 277
LH	**Material/Temperature Rise**	**150° C / 115° C / 80° C** Aluminum Unshielded: LH / LF / LB Aluminum Shielded: SH / SF / SB Copper Shielded: CH / CF / CB Copper Unshielded: GH / GF / GB
2Y	**Secondary**	**Single Phase** 21 = 120/240 12 = 12/24 16 = 16/32 24 = 24/48 **Three Phase** 2Y = 208Y/120 2D = 240/(120LT)* 3Y = 380Y/220 40 = 400Y/231 42 = 480Y/277 * 120LT applies to ventilated units only
-	**Separator**	KVA Separator
75	**KVA**	
	(-K-Factor)	K1 = has no identifier K4 = K4 K13 = K13 K20 = K20
	-N/T	Applicable to encapsulated transformers only N = No Taps T = Taps

Single-Phase Encapsulated Technical Data

Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Wall Mount Bracket
						H	W	D		
115°	N	120x240V - 120/240V	P1XGF21-1	5	N	11.25	5.25	6.5	28	Built-In
			P1XGF21-1.5			13.25	6.25	7.75	45	
			P1XGF21-2						50	
			P1XGF21-3						60	
			P1XLF21-5			15	10.187	10.625	110	
			P1XLF21-7.5						150	
			P1XLF21-10			17	13.187	13.125	175	
			P1XLF21-15						270	
	N	208V - 120/240V	P20GF21-1	6	-2@5%	11.25	5.25	6.5	28	Built-In
			P20GF21-1.5			13.25	6.25	7.75	45	
			P20GF21-2						50	
			P20GF21-3						60	
			P20LF21-5			15	10.187	10.625	110	
			P20LF21-7.5						150	
			P20LF21-10			17	13.187	13.125	175	
			P20LF21-15						270	
	N	240x480V - 120/240V	P2XGF21-0.05-N	1	N	8.25	3.25	4.25	8	Built-In
			P2XGF21-0.075-N						9	
			P2XGF21-0.1-N						10	
			P2XGF21-0.15-N			9.25	4	5	14	
			P2XGF21-0.25-N						15	
			P2XGF21-0.5-N			11.25	5.25	6.5	21	
			P2XGF21-0.75-N						25	
			P2XGF21-1-N						28	
			P2XGF21-1.5-N			13.25	6.25	7.75	45	
			P2XGF21-2-N						50	
			P2XLF21-7.5-N			15	13.187	13.125	150	
			P2XLF21-10-N			17	13.187	13.125	175	
			P2XLF21-15-N						270	
	Y	240x480V - 120/240V	P2XCF21-3-N	10	N	13.25	6.25	7.75	60	Built-In
			P2XSF21-5-N			15	10.187	10.625	110	
	N	240x480V -120/240V	P2XGF21-3-T	8	+2/-4@2.5%	13.25	6.25	7.75	60	Built-In
			P2XLF21-5-T			15	10.187	10.625	110	
			P2XLF21-7.5-T						150	
			P2XLF21-10-T			17	13.187	13.125	175	
			P2XLF21-15-T						270	
	N	277V - 120/240V	P27GF21-1	7	-2@5%	11.25	5.25	6.5	28	Built-In
			P27GF21-1.5			13.25	6.25	7.75	45	
			P27GF21-2						50	
			P27GF21-3						60	
			P27LF21-5			15	10.187	10.625	110	
			P27LF21-7.5						150	
			P27LF21-10			17	13.187	13.125	175	
			P27LF21-15						270	
	N	480V -120/240V	P48GF21-1	2	-2@5%	11.25	5.25	6.5	28	Built-In
			P48GF21-1.5			13.25	6.25	7.75	45	
			P48GF21-2						50	
			P48GF21-3						60	
			P48LF21-5			15	10.187	10.625	110	
			P48LF21-7.5						150	
			P48LF21-10			17	13.187	13.125	175	
			P48LF21-15						270	
	Y	600V - 120/240V	P60CF21-1	3	-2@5%	11.25	5.25	6.5	28	Built-In
			P60CF21-1.5			13.25	6.25	7.75	45	
			P60CF21-2						50	
			P60CF21-3						60	
			P60SF21-5			15	10.187	10.625	110	
			P60SF21-7.5						150	
			P60SF21-10			17	13.187	13.125	175	
			P60SF21-15						270	

Single-Phase Ventilated Technical Data

Conductor	Temp Rise (Celsius)	Electro-static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	240x480V - 120/240V	S2XLH21-15	K1	9	+2/-4@2.5%	33	16.625	18.375	170	WS-3	WMB-3
				S2XLH21-25							195		
				S2XLH21-37				37	22.375	19.875	270	WS-4	
				S2XLH21-50							300		
				S2XLH21-75				45.5	24.75	20	450	WS-5	WMB-4
				S2XLH21-100				52	25.375	23	610	WS-7	
				S2XLH21-167				60	33.375	26	1070	WS-9	N/A
	150°	Y	600V - 120/240V	S60SH21-15		11	+2/-4@2.5%	33	16.625	18.375	170	WS-3	WMB-3
				S60SH21-25							195		
				S60SH21-37				37	22.375	19.875	270	WS-4	
				S60SH21-50							300		
				S60SH21-75				45.5	24.75	20	450	WS-5	WMB-4
				S60SH21-100				52	25.375	23	610	WS-7	
				S60SH21-167				60	33.375	26	1070	WS-9	N/A
CU	150°	N	240x480V - 120/240V	S2XGH21-15	K1	9	+2/-4@2.5%	33	16.625	18.375	220	WS-3	WMB-3
				S2XGH21-25							260		
				S2XGH21-37				37	22.375	19.875	405	WS-4	
				S2XGH21-50							340		
				S2XGH21-75				52	25.375	23	720	WS-3	WMB-4
				S2XGH21-100							925		
				S2XGH21-167				60	33.375	26	1210	WS-9	N/A
		Y		S2XCH21-15		9A	+2/-4@2.5%	33	16.625	18.375	220	WS-3	WMB-3
				S2XCH21-25							260		
				S2XCH21-37				37	22.375	19.875	405	WS-4	
				S2XCH21-50							340		
				S2XCH21-75				52	25.375	23	720	WS-7	WMB-4
				S2XCH21-100							925		
				S2XCH21-167				60	33.375	26	1210	WS-9	N/A

Buck-Boost Technical Data

Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather shield	Wall Mount Bracket
						H	W	D			
115°	N	120x240V - 12/24V	K1XGF12-0.05	10A	N	8.25	3.25	4.25	8	Not Required	Built-In
			K1XGF12-0.1						10		
			K1XGF12-0.15			9.25	4	5	14		
			K1XGF12-0.25						15		
			K1XGF12-0.5			11.25	5.25	6.5	21		
			K1XGF12-0.75						25		
			K1XGF12-1						28		
			K1XGF12-1.5			13.25	6.25	7.75	45		
			K1XGF12-2						50		
			K1XGF12-3						60		
			K1XLF12-5			15	10.187	10.625	110		
		120x240V - 16/32V	K1XGF16-0.05	10A	N	8.25	3.25	4.25	8	Not Required	Built-In
			K1XGF16-0.1						10		
			K1XGF16-0.15			9.25	4	5	14		
			K1XGF16-0.25						15		
			K1XGF16-0.5			11.25	5.25	6.5	21		
			K1XGF16-0.75						25		
			K1XGF16-1						28		
			K1XGF16-1.5			13.25	6.25	7.75	45		
			K1XGF16-2						50		
			K1XGF16-3						60		
			K1XLF16-5			15	10.187	10.625	110		
		240x480V - 24/48V	K2XGF24-0.05	10A	N	8.25	3.25	4.25	8	Not Required	Built-In
			K2XGF24-0.1						10		
			K2XGF24-0.15			9.25	4	5	14		
			K2XGF24-0.25						15		
			K2XGF24-0.5			11.25	5.25	6.5	21		
			K2XGF24-0.75						25		
			K2XGF24-1						28		
			K2XGF24-1.5			13.25	6.25	7.75	45		
			K2XGF24-2						50		
			K2XGF24-3						60		
			K2XLF24-5			15	10.187	10.625	110		

Three-Phase Technical Data

Encapsulated Transformers

Temp Rise (Celsius)	Electro-static Shield	Primary/ Secondary	Part Number	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
						H	W	D			
115°	Y	240Δ - 208Y	N24CF2Y-3	12	-2@5%	12.062	12.125	8.375	95	N/A	Built-In
			N24CF2Y-6			14.562	20.125	10.625	225		
			N24SF2Y-9						270		
			N24SF2Y-15			16.062	21.125	15.125	435		
		480Δ - 208Y	N48CF2Y-3	15	-2@5%	12.062	12.125	8.375	95		
			N48CF2Y-6			14.562	20.125	10.625	225		
			N48SF2Y-9						270		
			N48SF2Y-15			16.062	21.125	15.125	435		
		480Δ - 240Δ	N48CF2D-3	16	-2@5%	12.062	12.125	8.375	95		
			N48CF2D-6			14.562	20.125	10.625	225		
			N48SF2D-9						270		
			N48SF2D-15			16.062	21.125	15.125	435		
	N	480Δ - 208Y	N48GF2Y-3	13	-2@5%	12.062	12.125	8.375	95		
			N48GF2Y-6			14.562	20.125	10.625	225		
			N48LF2Y-9						270		
			N48LF2Y-15			16.062	21.125	15.125	435		
		480Δ - 240Δ	N48GF2D-3	14	-2@5%	12.062	12.125	8.375	95		
			N48GF2D-6			14.562	20.125	10.625	225		
			N48LF2D-9						270		
			N48LF2D-15			16.062	21.125	15.125	435		

Three-Phase Technical Data

15 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-15	K1	23	+2/-2@2.5%	29	17.125	19.375	245	WS-2	WMB-3
			480Δ-208Y	T48LH2Y-15		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-15		21							
			480Δ-400Y	T48LH40-15		27							
			480Δ-480Y	T48LH42-15		20							
		Y	208Δ-208Y	T20SH2Y-15	K1	19	+2/-2@2.5%						
			240Δ-208Y	T24SH2Y-15		26	+2/-4@2.5%						
			480Δ-208Y	T48SH2Y-15		18							
			480Δ-240Δ/120LT	T48SH2D-15		17							
			600Δ-208Y	T60SH2Y-15		24							
	115°	N	208Δ-480Y	T20LF42-15	K1	23	+2/-2@2.5%						WMB-3
			480Δ-208Y	T48LF2Y-15		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-15		21							
			480Δ-400Y	T48LF40-15		27							
			480Δ-480Y	T48LF42-15		20							
		Y	208Δ-208Y	T20SF2Y-15	K1	19	+2/-2@2.5%						
			240Δ-208Y	T24SF2Y-15		26	+2/-4@2.5%						
			480Δ-208Y	T48SF2Y-15		18							
			480Δ-240Δ/120LT	T48SF2D-15		17							
			600Δ-208Y	T60SF2Y-15		24							
	80°	N	208Δ-480Y	T20LB42-15	K1	23	+2/-2@2.5%	34	22.375	19.875	415	WS-4	WMB-3
			480Δ-208Y	T48LB2Y-15		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-15		21							
			480Δ-400Y	T48LB40-15		27							
			480Δ-480Y	T48LB42-15		20							
		Y	208Δ-208Y	T20SB2Y-15	K1	19	+2/-2@2.5%						
			240Δ-208Y	T24SB2Y-15		26	+2/-4@2.5%						
			480Δ-208Y	T48SB2Y-15		18							
			480Δ-240Δ/120LT	T48SB2D-15		17							
			600Δ-208Y	T60SB2Y-15		24							
CU	150°	Y	480Δ-208Y	T48CH2Y-15	K1	18	+2/-4@2.5%	29	17.125	19.375	285	WS-2	WMB-3
	115°			T48CF2Y-15		18							
	80°			T48CB2Y-15		18		34	22.375	19.875	465	WS-4	WMB-3

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-15-K4	K4	18	+2/-4@2.5%	29	17.125	19.375	245	WS-2	WMB-3
	115°			T48SF2Y-15-K4									
	80°			T48SB2Y-15-K4				34	22.375	19.875	415	WS-4	
CU	150°	Y	480Δ-208Y	T48CH2Y-15-K4	K4	18		29	17.125	19.375	285	WS-2	
	115°			T48CF2Y-15-K4									
	80°			T48CB2Y-15-K4				34	22.375	19.875	465	WS-4	
AL	150°	Y	480Δ-208Y	T48SH2Y-15-K13	K13	18	+2/-4@2.5%	29	17.125	19.375	245	WS-2	WMB-3
	115°			T48SF2Y-15-K13									
	80°			T48SB2Y-15-K13				34	22.375	19.875	415	WS-4	
CU	150°	Y	480Δ-208Y	T48CH2Y-15-K13	K13	18		29	17.125	19.375	285	WS-2	
	115°			T48CF2Y-15-K13									
	80°			T48CB2Y-15-K13				34	22.375	19.875	465	WS-4	
AL	150°	Y	480Δ-208Y	T48SH2Y-15-K20	K20	18	+2/-4@2.5%	29	17.125	19.375	245	WS-2	WMB-3
	115°			T48SF2Y-15-K20									
	80°			T48SB2Y-15-K20				34	22.375	19.875	415	WS-4	
CU	150°	Y	480Δ-208Y	T48CH2Y-15-K20	K20	18		29	17.125	19.375	285	WS-2	
	115°			T48CF2Y-15-K20									
	80°			T48CB2Y-15-K20				34	22.375	19.875	465	WS-4	

Three-Phase Technical Data

30 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-30	K1	23	+2/-2@2.5%	34	22.375	19.875	415	WS-4	WMB-3
			480Δ-208Y	T48LH2Y-30		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-30		21							
			480Δ-400Y	T48LH40-30		27							
			480Δ-480Y	T48LH42-30		20							
		Y	208Δ-208Y	T20SH2Y-30		19	+2/-2@2.5%						
			240Δ-208Y	T24SH2Y-30		26	+2/-4@2.5%						
			480Δ-208Y	T48SH2Y-30		18							
			480Δ-240Δ/120LT	T48SH2D-30		17							
			600Δ-208Y	T60SH2Y-30		24							
	115°	N	208Δ-480Y	T20LF42-30	K1	23	+2/-2@2.5%						
			480Δ-208Y	T48LF2Y-30		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-30		21							
			480Δ-400Y	T48LF40-30		27							
			480Δ-480Y	T48LF42-30		20							
		Y	208Δ-208Y	T20SF2Y-30		19	+2/-2@2.5%						
			240Δ-208Y	T24SF2Y-30		26	+2/-4@2.5%						
			480Δ-208Y	T48SF2Y-30		18							
			480Δ-240Δ/120LT	T48SF2D-30		17							
			600Δ-208Y	T60SF2Y-30		24							
	80°	N	208Δ-480Y	T20LB42-30	K1	23	+2/-2@2.5%	37	26	19.875	455	WS-18A	WMB-4
			480Δ-208Y	T48LB2Y-30		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-30		21							
			480Δ-400Y	T48LB40-30		27							
			480Δ-480Y	T48LB42-30		20							
		Y	208Δ-208Y	T20SB2Y-30		19	+2/-2@2.5%						
			240Δ-208Y	T24SB2Y-30		26	+2/-4@2.5%						
			480Δ-208Y	T48SB2Y-30		18							
			480Δ-240Δ/120LT	T48SB2D-30		17							
			600Δ-208Y	T60SB2Y-30		24							
CU	150°	Y	480Δ-208Y	T48CH2Y-30	K1	18	+2/-4@2.5%	34	22.375	19.875	465	WS-4	WMB-3
	115°			T48CF2Y-30									
	80°			T48CB2Y-30									

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-30-K4	K4	18	+2/-4@2.5%	34	22.375	19.875	415	WS-4	WMB-3
	115°			T48SF2Y-30-K4									
	80°			T48SB2Y-30-K4				37	26	19.875	455	WS-18A	WMB-4
CU	150°	Y	480Δ-208Y	T48CH2Y-30-K4	K4	18		34	22.375	19.875	465	WS-4	WMB-3
	115°			T48CF2Y-30-K4									
	80°			T48CB2Y-30-K4									
AL	150°	Y	480Δ-208Y	T48SH2Y-30-K13	K13	18		34	22.375	19.875	415	WS-4	WMB-3
	115°			T48SF2Y-30-K13									
	80°			T48SB2Y-30-K13				43	28.5	23.5	685	WS-18	WMB-4
CU	150°	Y	480Δ-208Y	T48CH2Y-30-K13	K13	18		34	22.375	19.875	465	WS-4	WMB-3
	115°			T48CF2Y-30-K13									
	80°			T48CB2Y-30-K13									
AL	150°	Y	480Δ-208Y	T48SH2Y-30-K20	K20	18		34	22.375	19.875	415	WS-4	WMB-3
	115°			T48SF2Y-30-K20				37	26	19.875	455	WS-18A	WMB-4
	80°			T48SB2Y-30-K20				43	28.5	23.5	685	WS-18	
CU	150°	Y	480Δ-208Y	T48CH2Y-30-K20	K20	18		34	22.375	19.875	465	WS-4	WMB-3
	115°			T48CF2Y-30-K20									
	80°			T48CB2Y-30-K20	Consult Factory								

Three-Phase Technical Data

45 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-45	K1	23	+2/-2@2.5%	37	26	19.875	455	WS-18A	WMB-4
			480Δ-208Y	T48LH2Y-45		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-45		21							
			480Δ-400Y	T48LH40-45		27							
			480Δ-480Y	T48LH42-45		20							
		Y	208Δ-208Y	T20SH2Y-45	K1	19	+2/-2@2.5%						
			240Δ-208Y	T24SH2Y-45		26	+2/-4@2.5%						
			480Δ-208Y	T48SH2Y-45		18							
			480Δ-240Δ/120LT	T48SH2D-45		17							
			600Δ-208Y	T60SH2Y-45		24							
	115°	N	208Δ-480Y	T20LF42-45	K1	23	+2/-2@2.5%	43	28.5	23.5	685	WS-18	WMB-4
			480Δ-208Y	T48LF2Y-45		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-45		21							
			480Δ-400Y	T48LF40-45		27							
			480Δ-480Y	T48LF42-45		20							
		Y	208Δ-208Y	T20SF2Y-45	K1	19	+2/-2@2.5%						
			240Δ-208Y	T24SF2Y-45		26	+2/-4@2.5%						
			480Δ-208Y	T48SF2Y-45		18							
			480Δ-240Δ/120LT	T48SF2D-45		17							
			600Δ-208Y	T60SF2Y-45		24							
	80°	N	208Δ-480Y	T20LB42-45	K1	23	+2/-2@2.5%						
			480Δ-208Y	T48LB2Y-45		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-45		21							
			480Δ-400Y	T48LB40-45		27							
			480Δ-480Y	T48LB42-45		20							
		Y	208Δ-208Y	T20SB2Y-45	K1	19	+2/-2@2.5%						
			240Δ-208Y	T24SB2Y-45		26	+2/-4@2.5%						
			480Δ-208Y	T48SB2Y-45		18							
			480Δ-240Δ/120LT	T48SB2D-45		17							
			600Δ-208Y	T60SB2Y-45		24							
CU	150°	Y	480Δ-208Y	T48CH2Y-45	K1	18	+2/-4@2.5%	37	26	19.875	520	WS-18A	WMB-4
	115°			T48CF2Y-45									
	80°			T48CB2Y-45				43	28.5	23.5	775	WS-18	

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-45-K4	K4	18	+2/-4@2.5%	37	26	19.875	455	WS-18A	WMB-4
	115°			T48SF2Y-45-K4				43	28.5	23.5	685	WS-18	
	80°			T48SB2Y-45-K4									
CU	150°	Y	480Δ-208Y	T48CH2Y-45-K4	K4	18		37	26	19.875	520	WS-18A	
	115°			T48CF2Y-45-K4				43	28.5	23.5	775	WS-18	
	80°			T48CB2Y-45-K4									
AL	150°	Y	480Δ-208Y	T48SH2Y-45-K13	K13	18	+2/-4@2.5%	37	26	19.875	455	WS-18A	WMB-4
	115°			T48SF2Y-45-K13				43	28.5	23.5	685	WS-18	
	80°			T48SB2Y-45-K13									
CU	150°	Y	480Δ-208Y	T48CH2Y-45-K13	K13	18		37	26	19.875	520	WS-18A	
	115°			T48CF2Y-45-K13				43	28.5	23.5	775	WS-18	
	80°			T48CB2Y-45-K13									
AL	150°	Y	480Δ-208Y	T48SH2Y-45-K20	K20	18	+2/-4@2.5%	43	28.5	23.5	685	WS-18	WMB-4
	115°			T48SF2Y-45-K20									
	80°			T48SB2Y-45-K20				46	32	28	1045	WS-10B	N/A
CU	150°	Y	480Δ-208Y	T48CH2Y-45-K20	K20	18		43	28.5	23.5	775	WS-18	WMB-4
	115°			T48CF2Y-45-K20									
	80°			T48CB2Y-45-K20		Consult Factory							

Three-Phase Technical Data

75 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-75	K1	23	+2/-2@2.5%	43	28.5	23.5	685	WS-18	WMB-4
			480Δ-208Y	T48LH2Y-75		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-75		21							
			480Δ-400Y	T48LH40-75		27							
			480Δ-480Y	T48LH42-75		20							
		Y	208Δ-208Y	T20SH2Y-75		19	+2/-2@2.5%						
			240Δ-208Y	T24SH2Y-75		26	+2/-4@2.5%						
			480Δ-208Y	T48SH2Y-75	K1	18							
			480Δ-240Δ/120LT	T48SH2D-75		17							
			600Δ-208Y	T60SH2Y-75		24							
	115°	N	208Δ-480Y	T20LF42-75	K1	23	+2/-2@2.5%	46	32	28	1045	WS-10B	N/A
			480Δ-208Y	T48LF2Y-75		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-75		21							
			480Δ-400Y	T48LF40-75		27							
			480Δ-480Y	T48LF42-75		20							
		Y	208Δ-208Y	T20SF2Y-75		19	+2/-2@2.5%						
			240Δ-208Y	T24SF2Y-75		26	+2/-4@2.5%						
			480Δ-208Y	T48SF2Y-75	K1	18							
			480Δ-240Δ/120LT	T48SF2D-75		17							
			600Δ-208Y	T60SF2Y-75		24							
	80°	N	208Δ-480Y	T20LB42-75	K1	23	+2/-2@2.5%						
			480Δ-208Y	T48LB2Y-75		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-75		21							
			480Δ-400Y	T48LB40-75		27							
			480Δ-480Y	T48LB42-75		20							
		Y	208Δ-208Y	T20SB2Y-75		19	+2/-2@2.5%						
			240Δ-208Y	T24SB2Y-75		26	+2/-4@2.5%						
			480Δ-208Y	T48SB2Y-75	K1	18							
			480Δ-240Δ/120LT	T48SB2D-75		17							
			600Δ-208Y	T60SB2Y-75		24							
CU	150°	Y	480Δ-208Y	T48CH2Y-75	K1	18	+2/-4@2.5%	43	28.5	23.5	775	WS-18	WMB-4
	115°			T48CF2Y-75									
	80°			T48CB2Y-75				46	32	28	1155	WS-10B	N/A

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-75-K4	K4	18	+2/-4@2.5%	43	28.5	23.5	685	WS-18	WMB-4
	115°			T48SF2Y-75-K4				46	32	28	1045	WS-10B	N/A
	80°			T48SB2Y-75-K4									
CU	150°	Y	480Δ-208Y	T48CH2Y-75-K4	K4	18		43	28.5	23.5	775	WS-18	WMB-4
	115°			T48CF2Y-75-K4				46	32	28	1155	WS-10B	N/A
	80°			T48CB2Y-75-K4		18A							
AL	150°	Y	480Δ-208Y	T48SH2Y-75-K13	K13	18		46	32	28	1045	WS-10B	N/A
	115°			T48SF2Y-75-K13									
	80°			T48SB2Y-75-K13				46	32	28	1205	WS-10B	
CU	150°	Y	480Δ-208Y	T48CH2Y-75-K13	K13	18		46	32	28	1155	WS-10B	
	115°			T48CF2Y-75-K13									
	80°			T48CB2Y-75-K13									
AL	150°	Y	480Δ-208Y	T48SH2Y-75-K20	K20	18	+2/-4@2.5%	46	32	28	1045	WS-10B	N/A
	115°			T48SF2Y-75-K20									
	80°			T48SB2Y-75-K20		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-75-K20	K20	22	+2/-4@2.5%	46	32	28	1155	WS-10B	
	115°			T48CF2Y-75-K20									
	80°			T48CB2Y-75-K20		18A		46	32	28	1355	WS-10B	

Three-Phase Technical Data

112 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-112	K1	23	+2/-2@2.5%	46	32	28	1045	WS-10B	N/A
			480Δ-208Y	T48LH2Y-112		22	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-112		21							
			480Δ-400Y	T48LH40-112		27							
			480Δ-480Y	T48LH42-112		20							
		Y	208Δ-208Y	T20SH2Y-112		19	+2/-2@2.5%						
			240Δ-208Y	T24SH2Y-112		26	+2/-4@2.5%						
			480Δ-208Y	T48SH2Y-112	K1	18							
			480Δ-240Δ/120LT	T48SH2D-112		17							
			600Δ-208Y	T60SH2Y-112		24							
	115°	N	208Δ-480Y	T20LF42-112	K1	23A	+2/-2@2.5%	46	32	28	1205	WS-10B	N/A
			480Δ-208Y	T48LF2Y-112		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-112		21A							
			480Δ-400Y	T48LF40-112		27A							
			480Δ-480Y	T48LF42-112		20A							
		Y	208Δ-208Y	T20SF2Y-112		19A	+2/-2@2.5%						
			240Δ-208Y	T24SF2Y-112		26A	+2/-4@2.5%						
			480Δ-208Y	T48SF2Y-112	K1	18A							
			480Δ-240Δ/120LT	T48SF2D-112		17A							
			600Δ-208Y	T60SF2Y-112		24A							
	80°	N	208Δ-480Y	T20LB42-112	K1	23A	+2/-2@2.5%						
			480Δ-208Y	T48LB2Y-112		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-112		21A							
			480Δ-400Y	T48LB40-112		27A							
			480Δ-480Y	T48LB42-112		20A							
		Y	208Δ-208Y	T20SB2Y-112		19A	+2/-2@2.5%						
			240Δ-208Y	T24SB2Y-112		26A	+2/-4@2.5%						
			480Δ-208Y	T48SB2Y-112	K1	18A							
			480Δ-240Δ/120LT	T48SB2D-112		17A							
			600Δ-208Y	T60SB2Y-112		24A							
CU	150°	Y	480Δ-208Y	T48CH2Y-112	K1	18	+2/-4@2.5%	46	32	28	1155	WS-10B	N/A
	115°			T48CF2Y-112		18							
	80°			T48CB2Y-112		18A		46	32	28	1355	WS-10B	

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-112-K4	K4	18	+2/-4@2.5%	46	32	28	1045	WS-10B	N/A
	115°			T48SF2Y-112-K4		18A					1205		
	80°			T48SB2Y-112-K4				51	36	30.5	1520	WS-12A	
CU	150°	Y	480Δ-208Y	T48CH2Y-112-K4	K4	18		46	32	28	1155	WS-10B	
	115°			T48CF2Y-112-K4									
	80°			T48CB2Y-112-K4		18A		51	36	30.5	1750	WS-12A	
AL	150°	Y	480Δ-208Y	T48SH2Y-112-K13	K13	18A	+2/-4@2.5%	46	32	28	1205	WS-10B	N/A
	115°			T48SF2Y-112-K13				51	36	30.5	1520	WS-12A	
	80°			T48SB2Y-112-K13		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-112-K13	K13	18	+2/-4@2.5%	46	32	28	1155	WS-10B	N/A
	115°			T48CF2Y-112-K13		18A					1355		
	80°			T48CB2Y-112-K13		Consult Factory							
AL	150°	Y	480Δ-208Y	T48SH2Y-112-K20	K20	18A	+2/-4@2.5%	46	32	28	1205	WS-10B	N/A
	115°			T48SF2Y-112-K20				51	36	30.5	1520	WS-12A	
	80°			T48SB2Y-112-K20		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-112-K20	K20	18A	+2/-4@2.5%	46	32	28	1355	WS-10B	N/A
	115°			T48CF2Y-112-K20				51	36	30.5	1750	WS-12A	
	80°			T48CB2Y-112-K20		Consult Factory							

Three-Phase Technical Data

150 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-150	K1	23A	+2/-2@2.5%	46	32	28	1205	WS-10B	N/A
			480Δ-208Y	T48LH2Y-150		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-150		21A							
			480Δ-400Y	T48LH40-150		27A							
			480Δ-480Y	T48LH42-150		20A							
		Y	208Δ-208Y	T20SH2Y-150		19A	+2/-2@2.5%						
			240Δ-208Y	T24SH2Y-150		26A	+2/-4@2.5%						
			480Δ-208Y	T48SH2Y-150	K1	18A							
			480Δ-240Δ/120LT	T48SH2D-150		17A							
			600Δ-208Y	T60SH2Y-150		24A							
	115°	N	208Δ-480Y	T20LF42-150	K1	23B	+2/-2@3%	51	36	30.5	1645	WS-12A	N/A
			480Δ-208Y	T48LF2Y-150		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-150		21A							
			480Δ-400Y	T48LF40-150		27A							
			480Δ-480Y	T48LF42-150		20A							
		Y	208Δ-208Y	T20SF2Y-150		19B	+2/-2@3%						
			240Δ-208Y	T24SF2Y-150		23B							
			480Δ-208Y	T48SF2Y-150	K1	18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SF2D-150		17A							
			600Δ-208Y	T60SF2Y-150		24A							
	80°	N	208Δ-480Y	T20LB42-150	K1	23B	+2/-2@3%						
			480Δ-208Y	T48LB2Y-150		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-150		21A							
			480Δ-400Y	T48LB40-150		27A							
			480Δ-480Y	T48LB42-150		20A							
		Y	208Δ-208Y	T20SB2Y-150		19B	+2/-2@3%						
			240Δ-208Y	T24SB2Y-150		23B							
			480Δ-208Y	T48SB2Y-150	K1	18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SB2D-150		17A							
			600Δ-208Y	T60SB2Y-150		24A							
CU	150°	Y	480Δ-208Y	T48CH2Y-150	K1	18A	+2/-4@2.5%	46	32	28	1355	WS-10B	N/A
	115°			T48CF2Y-150		18A		51	36	30.5	1750	WS-12A	
	80°			T48CB2Y-150		18A							

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-150-K4	K4	18A	+2/-4@2.5%	46	32	28	1205	WS-10B	N/A
	115°			T48SF2Y-150-K4				51	36	30.5	1645	WS-12A	
	80°			T48SB2Y-150-K4				72.75	53.375	36.875	2500	WS-16	
CU	150°	Y	480Δ-208Y	T48CH2Y-150-K4	K4	18A		46	32	28	1355	WS-10B	
	115°			T48CF2Y-150-K4				51	36	30.5	1750	WS-12A	
	80°			T48CB2Y-150-K4									
AL	150°	Y	480Δ-208Y	T48SH2Y-150-K13	K13	18A	+2/-4@2.5%	51	36	30.5	1645	WS-12A	N/A
	115°			T48SF2Y-150-K13				72.75	53.375	36.875	2500	WS-16	
	80°			T48SB2Y-150-K13		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-150-K13	K13	18A	+2/-4@2.5%	51	36	30.5	1750	WS-12A	N/A
	115°			T48CF2Y-150-K13									
	80°			T48CB2Y-150-K13		Consult Factory							
AL	150°	Y	480Δ-208Y	T48SH2Y-150-K20	K20	Consult Factory							
	115°			T48SF2Y-150-K20		18A	+2/-4@2.5%	72.75	53.375	36.875	2500	WS-16	N/A
	80°			T48SB2Y-150-K20		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-150-K20	K20	18A	+2/-4@2.5%	51	36	30.5	1750	WS-12A	N/A
	115°			T48CF2Y-150-K20		Consult Factory							
	80°			T48CB2Y-150-K20		18A	+2/-4@2.5%	72.75	53.375	36.875	2550	WS-16	N/A

Three-Phase Technical Data

225 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-225	K1	23B	+2/-2@3%	51	36	30.5	1645	WS-12A	N/A
			480Δ-208Y	T48LH2Y-225		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-225		21A							
			480Δ-400Y	T48LH40-225		27A							
			480Δ-480Y	T48LH42-225		20A							
		Y	208Δ-208Y	T20SH2Y-225		19B	+2/-2@3%						
			240Δ-208Y	T24SH2Y-225		23B							
			480Δ-208Y	T48SH2Y-225		18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SH2D-225		17A							
			600Δ-208Y	T60SH2Y-225		24A							
	115°	N	208Δ-480Y	T20LF42-225	K1	23C	+2/-2@3.5%	72.75	53.375	36.875	2500	WS-16	N/A
			480Δ-208Y	T48LF2Y-225		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-225		21A							
			480Δ-400Y	T48LF40-225		27A							
			480Δ-480Y	T48LF42-225		20A							
		Y	208Δ-208Y	T20SF2Y-225		19C	+2/-2@3.5%						
			240Δ-208Y	T24SF2Y-225		26C							
			480Δ-208Y	T48SF2Y-225		18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SF2D-225		17A							
			600Δ-208Y	T60SF2Y-225		24A							
	80°	N	208Δ-480Y	T20LB42-225		23C	+2/-2@3.5%						
			480Δ-208Y	T48LB2Y-225		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-225		21A							
			480Δ-400Y	T48LB40-225		27A							
			480Δ-480Y	T48LB42-225		20A							
		Y	208Δ-208Y	T20SB2Y-225		19C	+2/-2@3.5%						
			240Δ-208Y	T24SB2Y-225		26C							
			480Δ-208Y	T48SB2Y-225		18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SB2D-225		17A							
			600Δ-208Y	T60SB2Y-225		24A							
CU	150°	Y	480Δ-208Y	T48CH2Y-225	K1	18A	+2/-4@2.5%	51	36	30.5	1750	WS-12A	N/A
	115°			T48CF2Y-225		18A		72.75	53.375	36.875	2550	WS-16	
	80°			T48CB2Y-225		18A							

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-225-K4	K4	18A	+2/-4@2.5%	72.75	53.375	36.875	2500	WS-16	N/A
	115°			T48SF2Y-225-K4									
	80°			T48SB2Y-225-K4									
CU	150°	Y	480Δ-208Y	T48CH2Y-225-K4	K4	18A		51	36	30.5	1750	WS-12A	
	115°			T48CF2Y-225-K4				72.75	53.375	36.875	2550	WS-16	
	80°			T48CB2Y-225-K4									
AL	150°	Y	480Δ-208Y	T48SH2Y-225-K13	K13	18A	+2/-4@2.5%	72.75	53.375	36.875	2500	WS-16	N/A
	115°			T48SF2Y-225-K13									
	80°			T48SB2Y-225-K13		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-225-K13	K13	18A	+2/-4@2.5%	72.75	53.375	36.875	2550	WS-16	N/A
	115°			T48CF2Y-225-K13									
	80°			T48CF2Y-225-K13		Consult Factory							
AL	150°	Y	480Δ-208Y	T48SH2Y-225-K20	K20	18A	+2/-4@2.5%	72.75	53.375	36.875	2500	WS-16	N/A
	115°			T48SF2Y-225-K20									
	80°			T48SB2Y-225-K20		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-225-K20	K20	18A	+2/-4@2.5%	72.75	53.375	36.875	2550	WS-16	N/A
	115°			T48CF2Y-225-K20									
	80°			T48CB2Y-225-K20		Consult Factory							

Three-Phase Technical Data

300 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-300	K1	23C	+2/-2@3.5%	72.75	53.375	36.875	2500	WS-16	N/A
			480Δ-208Y	T48LH2Y-300		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-300		21A							
			480Δ-400Y	T48LH40-300		27A							
			480Δ-480Y	T48LH42-300		20A							
		Y	208Δ-208Y	T20SH2Y-300		19C	+2/-2@3.5%						
			240Δ-208Y	T24SH2Y-300		26C							
			480Δ-208Y	T48SH2Y-300		18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SH2D-300		17A							
			600Δ-208Y	T60SH2Y-300		24A							
	115°	N	208Δ-480Y	T20LF42-300	K1	23C	+2/-2@3.5%						
			480Δ-208Y	T48LF2Y-300		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LF2D-300		21A							
			480Δ-400Y	T48LF40-300		27A							
			480Δ-480Y	T48LF42-300		20A							
		Y	208Δ-208Y	T20SF2Y-300		19C	+2/-2@3.5%						
			240Δ-208Y	T24SF2Y-300		26C							
			480Δ-208Y	T48SF2Y-300		18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SF2D-300		17A							
			600Δ-208Y	T60SF2Y-300		24A							
	80°	N	208Δ-480Y	T20LB42-300	K1	23E	+1/1@5%						
			480Δ-208Y	T48LB2Y-300		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LB2D-300		21A							
			480Δ-400Y	T48LB40-300		27A							
			480Δ-480Y	T48LB42-300		20A							
		Y	208Δ-208Y	T20SB2Y-300		19E	+1/1@5%						
			240Δ-208Y	T24SB2Y-300		26D	+1/1@4%	72.75	53.375	36.875	3340	WS-16	N/A
			480Δ-208Y	T48SB2Y-300		18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SB2D-300		17A							
			600Δ-208Y	T60SB2Y-300		24A							
CU	150°	Y	480Δ-208Y	T48CH2Y-300	K1	18A	+2/-4@2.5%						
	115°			T48CF2Y-300		18A							
	80°			T48CB2Y-300		Consult Factory							

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-300-K4	K4	18A	+2/-4@2.5%	72.75	53.375	36.875	2500	WS-16	N/A
	115°			T48SF2Y-300-K4									
	80°			T48SB2Y-300-K4				72.75	53.375	36.875	3340		
CU	150°	Y	480Δ-208Y	T48CH2Y-300-K4	K4	18A		72.75	53.375	36.875	2550		
	115°			T48CF2Y-300-K4									
	80°			T48CB2Y-300-K4		Consult Factory							
AL	150°	Y	480Δ-208Y	T48SH2Y-300-K13	K13	18A	+2/-4@2.5%	72.75	53.375	36.875	2500	WS-16	N/A
	115°			T48SF2Y-300-K13				72.75	53.375	36.875	3340		
	80°			T48SB2Y-300-K13		Consult Factory							
CU	150°	Y	480Δ-208Y	T48CH2Y-300-K13	K13	18A	+2/-4@2.5%	72.75	53.375	36.875	2550	WS-16	N/A
	115°			T48CF2Y-300-K13		Consult Factory							
	80°			T48CF2Y-300-K13									
AL	150°	Y	480Δ-208Y	T48SH2Y-300-K20	K20	18A	+2/-4@2.5%	72.75	53.375	36.875	2500	WS-16	N/A
	115°			T48SF2Y-300-K20		Consult Factory							
	80°			T48SB2Y-300-K20									
CU	150°	Y	480Δ-208Y	T48CH2Y-300-K20	K20	18A	+2/-4@2.5%	72.75	53.375	36.875	2550	WS-16	N/A
	115°			T48CF2Y-300-K20		Consult Factory							
	80°			T48CB2Y-300-K20									

Three-Phase Technical Data

500 kVA Transformers

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	N	208Δ-480Y	T20LH42-500	K1	23E	+1/-1@5%	72.75	53.375	36.875	3340	WS-16	N/A
			480Δ-208Y	T48LH2Y-500		22A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48LH2D-500		21A							
			480Δ-400Y	T48LH40-500		27A							
			480Δ-480Y	T48LH42-500		20A							
		Y	208Δ-208Y	T20SH2Y-500	K1	19E	+1/-1@5%						
			240Δ-208Y	T24SH2Y-500		26D	+1/-1@4%						
			480Δ-208Y	T48SH2Y-500		18A	+2/-4@2.5%						
			480Δ-240Δ/120LT	T48SH2D-500		17A							
			600Δ-208Y	T60SH2Y-500		24A							
	115°	N	208Δ-480Y	T20LF42-500	K1	Consult Factory							
			480Δ-208Y	T48LF2Y-500									
			480Δ-240Δ/120LT	T48LF2D-500									
			480Δ-400Y	T48LF40-500									
			480Δ-480Y	T48LF42-500									
		Y	208Δ-208Y	T20SF2Y-500	K1								
			240Δ-208Y	T24SF2Y-500									
			480Δ-208Y	T48SF2Y-500									
			480Δ-240Δ/120LT	T48SF2D-500									
			600Δ-208Y	T60SF2Y-500									
	80°	N	208Δ-480Y	T20LB42-500	K1								
			480Δ-208Y	T48LB2Y-500									
			480Δ-240Δ/120LT	T48LB2D-500									
			480Δ-400Y	T48LB40-500									
			480Δ-480Y	T48LB42-500									
		Y	208Δ-208Y	T20SB2Y-500	K1								
			240Δ-208Y	T24SB2Y-500									
			480Δ-208Y	T48SB2Y-500									
			480Δ-240Δ/120LT	T48SB2D-500									
			600Δ-208Y	T60SB2Y-500									
CU	150°	Y	480Δ-208Y	T48CH2Y-500	K1	18A	+2/-4@2.5%	72.75	53.375	36.875	3570	WS-16	N/A
	115°			T48CF2Y-500		Consult Factory							
	80°			T48CB2Y-500									

Conductor	Temp Rise (Celsius)	Electro static Shield	Primary/ Secondary	Part Number	K Factor	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)	Weather Shield	Wall Mount Bracket
								H	W	D			
AL	150°	Y	480Δ-208Y	T48SH2Y-500-K4	K4	Consult Factory							
	115°			T48SF2Y-500-K4									
	80°			T48SB2Y-500-K4									
CU	150°	Y	480Δ-208Y	T48CH2Y-500-K4	K4								
	115°			T48CF2Y-500-K4									
	80°			T48CB2Y-500-K4									
AL	150°	Y	480Δ-208Y	T48SH2Y-500-K13	K13	Consult Factory							
	115°			T48SF2Y-500-K13									
	80°			T48SB2Y-500-K13									
CU	150°	Y	480Δ-208Y	T48CH2Y-500-K13	K13								
	115°			T48CF2Y-500-K13									
	80°			T48CF2Y-500-K13									
AL	150°	Y	480Δ-208Y	T48SH2Y-500-K20	K20	Consult Factory							
	115°			T48SF2Y-500-K20									
	80°			T48SB2Y-500-K20									
CU	150°	Y	480Δ-208Y	T48CH2Y-500-K20	K20								
	115°			T48CF2Y-500-K20									
	80°			T48CB2Y-500-K20									

Industrial Control Transformers

Conductor	Temp Rise (Celsius)	Electro-static Shield	Primary/ Secondary	Part Number	Wiring Diagram	Taps	Dimensions (inches)			Weight (lbs)
							H	W	D	
CU	55°	N	240x480V - 120V 230x460V - 115V 220x440V - 110V	FA050JK	IC1	N	2.562	3	3	2.6
				FA075JK			2.562	3	3.5	3.5
				FA100JK			2.875	3.375	3.375	4.2
				FA150JK			3.187	3.75	4	6.7
				FA200JK			3.812	4.5	4	8.5
				FA250JK			3.812	4.5	4.375	10
				FA300JK			3.812	4.5	4.75	11.3
				FA350JK			3.812	4.5	5.25	13.6
				FA500JK			4.75	5.25	5.5	19.2
				FA750JK			4.75	5.25	7	28.1
			240x480V - 24V	FB050JK	IC2	N	2.562	3	3	2.7
				FB075JK			2.562	3	3.5	3.5
				FB100JK			2.875	3.375	3.375	4.2
				FB150JK			3.187	3.75	4	6.7
				FB200JK			3.812	4.5	4	8.5
				FB250JK			3.812	4.5	4.375	10.1
				FB300JK			3.812	4.5	4.75	11.4
				FB350JK			3.812	4.5	5.25	13.4
				FB500JK			4.75	5.25	5.625	17.5
			120x240V - 24V	FC050JK	IC3	N	2.562	3	3	2.6
				FC075JK			2.562	3	3.5	3.6
				FC100JK			2.875	3.375	3.375	4.4
				FC150JK			3.187	3.75	4	6.7
				FC200JK			3.812	4.5	4	8.3
				FC250JK			3.812	4.5	4.375	10.1
				FC300JK			3.812	4.5	4.75	11.2
				FC350JK			3.812	4.5	5.25	13.2
				FC500JK			4.75	5.25	5.625	17.5
			208/277V - 120V	FF050XK	IC4	N	2.562	3	3	2.9
				FF075XK			2.562	3	3.5	3.8
				FF100XK			2.875	3.375	3.375	4.5
				FF150XK			3.187	3.75	4	6.9
				FF200XK			3.812	4.5	4	8.7
				FF250XK			3.812	4.5	4.375	10.2
				FF300XK			3.812	4.5	4.75	11.4
				FF350XK			3.812	4.5	5.25	13.7
				FF500XK			4.75	5.25	5.375	17.2
				FF750XK			4.75	5.25	7	25.7
			200/220/440V - 23/110V 208/230/460V - 24/115V 240/480V - 25/120V	FJ050XK	IC5	N	2.562	3	3.25	3.4
				FJ075XK			2.875	3.375	3.5	4.8
				FJ100XK			3.187	3.75	3.625	5.9
				FJ150XK			3.187	3.75	4.375	7.9
				FJ200XK			3.812	4.5	4.5	10.6
				FJ250XK			3.812	4.5	5.25	13.9
				FJ300XK			4.75	5.25	5.125	15.5
				FJ350XK			4.75	5.25	5.375	16.8
				FJ500XK			4.75	5.25	6.875	23.4
			240x480 - 120x240	FK050JJ	IC6	N	2.562	3	3	2.6
				FK075JJ			2.562	3	3.5	3.5
				FK100JJ			2.875	3.375	3.375	4.2
				FK150JJ			3.187	3.75	4	6.7
				FK200JJ			3.812	4.5	4	8.5
				FK250JJ			3.812	4.5	4.375	10
				FK300JJ			3.812	4.5	4.875	11.8
				FK350JJ			3.812	4.5	5.25	13.6
				FK500JJ			4.75	5.25	5.25	17.5
				FK750JJ			4.75	5.25	7	26.4

Motor Drive Isolation Transformers

Conductor	Motor HP	KVA	Primary/Secondary				Approximate Dimensions (Inches)			Weight (lbs)	Weather Shield
			230Δ - 230Y	230Δ - 460Y	460Δ - 230Y	460Δ- 460Y	H	W	D		
AL	3 & 5	7.5	7.5AEMD	7.5AFMD	7.5CEMD	7.5CFMD	29	17.125	19.375	145	WS-2
	7.5	11	11AEMD	11AFMD	11CEMD	11CFMD				160	
	10	15	15AEMD	15AFMD	15CEMD	15CFMD				185	
	15	20	20AEMD	20AFMD	20CEMD	20CFMD	34	22.375	19.875	285	WS-4
	25	34	34AEMD	34AFMD	34CEMD	34CFMD				320	
	30	40	40AEMD	40AFMD	40CEMD	40CFMD				340	
	40	51	51AEMD	51AFMD	51CEMD	51CFMD				380	
	50	63	63AEMD	63AFMD	63CEMD	63CFMD	37	26	19.875	485	WS-18A
	60	75	75AEMD	75AFMD	75CEMD	75CFMD				485	
	75	93	93AEMD	93AFMD	93CEMD	93CFMD	43	28.5	23.5	665	WS-18
	100	118	118AEMD	118AFMD	118CEMD	118CFMD				675	
	125	145	145AEMD	145AFMD	145CEMD	145CFMD	46	32	28	915	WS-10B
	150	175	175AEMD	175AFMD	175CEMD	175CFMD	51	42.125	26	1270	WS-12A
	200	220	220AEMD	220AFMD	220CEMD	220CFMD				1320	
	250	275	275AEMD	275AFMD	275CEMD	275CFMD	55.25	44.375	27.25	1450	N/A
	300	330	330AEMD	330AFMD	330CEMD	330CFMD	60.5	50.375	34.25	1720	
	400	440	440AEMD	440AFMD	440CEMD	440CFMD				2085	
	500	550	550AEMD	550AFMD	550CEMD	550CFMD	72	53.375	44.375	2750	
	600	660	660AEMD	660AFMD	660CEMD	660CFMD				3100	
	700	750	750AEMD	750AFMD	750CEMD	750CFMD	76.75	53.375	44.375	3150	

Conductor	Motor HP	KVA	Voltages - Primary-Delta, Secondary - Wye, 60 Hz					Approximate Dimensions (Inches)			Weight (lbs)	Weather Shield
			230Δ - 575Y	460Δ - 575Y	575Δ - 230Y	575Δ -460Y	575Δ -575Y	H	W	D		
AL	3 & 5	7.5	7.5AHMD	7.5CHMD	7.5DEMD	7.5DFMD	7.5DHMD	29	17.125	19.375	145	WS-2
	7.5	11	11AHMD	11CHMD	11DEMD	11DFMD	11DHMD				160	
	10	15	15AHMD	15CHMD	15DEMD	15DFMD	15DHMD				185	
	15	20	20AHMD	20CHMD	20DEMD	20DFMD	20DHMD	34	22.375	19.875	285	WS-4
	25	34	34AHMD	34CHMD	34DEMD	34DFMD	34DHMD				320	
	30	40	40AHMD	40CHMD	40DEMD	40DFMD	40DHMD				340	
	40	51	51AHMD	51CHMD	51DEMD	51DFMD	51DHMD				380	
	50	63	63AHMD	63CHMD	63DEMD	63DFMD	63DHMD	37	26	19.875	485	WS-18A
	60	75	75AHMD	75CHMD	75DEMD	75DFMD	75DHMD				485	
	75	93	93AHMD	93CHMD	93DEMD	93DFMD	93DHMD	43	28.5	23.5	665	WS-18
	100	118	118AHMD	118CHMD	118DEMD	118DFMD	118DHMD				675	
	125	145	145AHMD	145CHMD	145DEMD	145DFMD	145DHMD	46	32	28	915	WS-10B
	150	175	175AHMD	175CHMD	175DEMD	175DFMD	175DHMD	51	42.125	26	1270	WS-12
	200	220	220AHMD	220CHMD	220DEMD	220DFMD	220DHMD				1320	
	250	275	275AHMD	275CHMD	275DEMD	275DFMD	275DHMD	55.25	44.375	27.25	1450	N/A
	300	330	330AHMD	330CHMD	330DEMD	330DFMD	330DHMD	60.5	50.375	34.25	1720	
	400	440	440AHMD	440CHMD	440DEMD	440DFMD	440DHMD				2085	
	500	550	550AHMD	550CHMD	550DEMD	550DFMD	550DHMD	72	53.375	44.375	2750	
	600	660	660AHMD	660CHMD	660DEMD	660DFMD	660DHMD				3100	
	700	750	750AHMD	750CHMD	750DEMD	750DFMD	750DHMD	76.75	53.375	44.375	3150	

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