

1Ø Distribution Transformer Change Out Loading								
KVA	Summer KVA				Winter KVA			
	Pole Mount		Pad Mount		Pole Mount		Pad Mount	
	24 hours*	Immediately**	24 hours*	Immediately**	24 hours*	Immediately**	24 hours*	Immediately**
10	14 to 17	18	16 to 18	19	15 to 19	20	19 to 20	21
15	19 to 24	25	22 to 25	26	22 to 26	27	26 to 29	30
25	32 to 38	39	34 to 37	38	36 to 44	45	38 to 43	44
37.5	49 to 62	63	59 to 65	66	57 to 71	72	66 to 72	73
50	65 to 80	81	75 to 84	85	76 to 91	92	84 to 95	96
75	98 to 113	114	109 to 116	117	114 to 130	131	123 to 130	131
100	134 to 144	145	139 to 151	152	151 to 167	168	156 to 168	169
167	214 to 233	234	227 to 240	241	248 to 273	274	253 to 268	269
250	318 to 338	339	347 to 357	358	372 to 395	396	387 to 397	398
333	433 to 457	458			506 to 532	533		
500	646 to 696	697			755 to 810	811		

3Ø Pad Mount Distribution Transformer Change Out Loading				
KVA	Summer KVA		Winter KVA	
	24 hours*	Immediately**	24 hours*	Immediately**
75	124	125	137	138
150	233	234	258	259
225	356	357	396	397
300	462	463	510	511
500	740	741	820	821
750	1155	1156	1283	1284
1000	1510	1511	1670	1671
1500	2220	2221	2445	2446
2000	3060	3061	3380	3381
2500	3675	3676	4075	4076
3000	4350	4351	4800	4801

Assumed Ambient Temperatures			
Summer		Winter	
Normal	Emergency	Normal	Emergency
30° C	30° C	0° C	10° C

* Transformer should be replaced within the next 24 hours during regular working periods.

** Transformer should be replaced immediately.

When a transformer is replaced due to overload, the replacement should be sized based on measured peak and any additional future load requirements.

The replacement should not be sized less than the measured peak load.

1-Phase Pole Mount Transformers

KU IIN	Short Description	Size (KVA)	Pri. 1 (KV)	Pri. 2 (KV)	Sec. (V)
3001263	1PH OVD,1KVA,7.2KV-120V	1	7.2		120
7001461	1PH OVD,15KVA,7.2KV-120/240V	15	7.2		240
7001462	1PH OVD,25KVA,7.2KV-120/240V	25	7.2		240
7001463	1PH OVD,37.5KVA,7.2KV-120/240V	37.5	7.2		240
7001464	1PH OVD,50KVA,7.2KV-120/240V	50	7.2		240
7001465	1PH OVD,75KVA,7.2KV-120/240V	75	7.2		240
7001466	1PH OVD,100KVA,7.2KV-120/240V	100	7.2		240
7001467	1PH OVD,167KVA,7.2KV-120/240V	167	7.2		240
7001468	1PH OVD,250KVA,7.2KV-120/240V	250	7.2		240
7001469	1PH OVD,333KVA,7.2KV-120/240V	333	7.2		240
7001470	1PH OVD,500KVA,7.2KV-120/240V	500	7.2		240
7001507	1PH OVD,15KVA,2.4X7.2KV-120/240V	15	2.4	7.2	240
7001508	1PH OVD,25KVA,2.4X7.2KV-120/240V	25	2.4	7.2	240
7001509	1PH OVD,37.5KVA,2.4X7.2KV-120/240V	37.5	2.4	7.2	240
7001510	1PH OVD,50KVA,2.4X7.2KV-120/240V	50	2.4	7.2	240
7001511	1PH OVD,75KVA,2.4X7.2KV-120/240V	75	2.4	7.2	240
7001512	1PH OVD,100KVA,2.4X7.2KV-120/240V,	100	2.4	7.2	240
7001513	1PH OVD,167KVA,2.4X7.2KV-120/240V	167	2.4	7.2	240
7001514	1PH OVD,250KVA,2.4X7.2KV-120/240V	250	2.4	7.2	240
7001515	1PH OVD,333KVA,2.4X7.2KV-120/240V	333	2.4	7.2	240
7001516	1PH OVD,500KVA,2.4X7.2KV-120/240V	500	2.4	7.2	240
7001492	1PH OVD,15KVA,7.2KV-277V	15	7.2		277
7001493	1PH OVD,25KVA,7.2KV-277V	25	7.2		277
7001494	1PH OVD,37.5KVA,7.2KV-277V	37.5	7.2		277
7001495	1PH OVD,50KVA,7.2KV-277V	50	7.2		277
7001496	1PH OVD,75KVA,7.2KV-277V	75	7.2		277
7001497	1PH OVD,100KVA,7.2KV-277V	100	7.2		277
7001498	1PH OVD,167KVA,7.2KV-277V	167	7.2		277
7001499	1PH OVD,250KVA,7.2KV-277V	250	7.2		277
7001500	1PH OVD,333KVA,7.2KV-277V	333	7.2		277
7001501	1PH OVD,500KVA,7.2KV-277V	500	7.2		277
7001550	1PH OVD,15KVA,2.4X7.2KV-277V	15	2.4	7.2	277
7001549	1PH OVD,25KVA,2.4X7.2KV-277V	25	2.4	7.2	277
7001548	1PH OVD,37.5KVA,2.4X7.2KV-277V	37.5	2.4	7.2	277
7001547	1PH OVD,50KVA,2.4X7.2KV-277V	50	2.4	7.2	277
7001546	1PH OVD,75KVA,2.4X7.2KV-277V	75	2.4	7.2	277
7001545	1PH OVD,100KVA,2.4X7.2KV-277V	100	2.4	7.2	277
7001544	1PH OVD,167KVA,2.4X7.2KV-277V	167	2.4	7.2	277
7001543	1PH OVD,250KVA,2.4X7.2KV-277V	250	2.4	7.2	277
7001542	1PH OVD,333KVA,2.4X7.2KV-277V	333	2.4	7.2	277
7001541	1PH OVD,500KVA,2.4X7.2KV-277V	500	2.4	7.2	277

7001477	1PH OVD,15KVA,7.2KV-240/480V	15	7.2	480	
7001478	1PH OVD,25KVA,7.2KV-240/480V	25	7.2	480	
7001479	1PH OVD,37.5KVA,7.2KV-240/480V	37.5	7.2	480	
7001480	1PH OVD,50KVA,7.2KV-240/480V	50	7.2	480	
7001481	1PH OVD,75KVA,7.2KV-240/480V	75	7.2	480	
7001482	1PH OVD,100KVA,7.2KV-240/480V	100	7.2	480	
7001483	1PH OVD,167KVA,7.2KV-240/480V	167	7.2	480	
7001484	1PH OVD,250KVA,7.2KV-240/480V	250	7.2	480	
7001485	1PH OVD,333KVA,7.2KV-240/480V	333	7.2	480	
7001486	1PH OVD,500KVA,7.2KV-240/480V	500	7.2	480	
7001523	1PH OVD,15KVA,2.4X7.2KV-240/480V	15	2.4	7.2	480
7001524	1PH OVD,25KVA,2.4X7.2KV-240/480V	25	2.4	7.2	480
7001525	1PH OVD,37.5KVA,2.4X7.2KV-240/480V	37.5	2.4	7.2	480
7001526	1PH OVD,50KVA,2.4X7.2KV-240/480V	50	2.4	7.2	480
7001527	1PH OVD,75KVA,2.4X7.2KV-240/480V	75	2.4	7.2	480
7001528	1PH OVD,100KVA,2.4X7.2KV-240/480V	100	2.4	7.2	480
7001529	1PH OVD,167KVA,2.4X7.2KV-240/480V	167	2.4	7.2	480
7001530	1PH OVD,250KVA,2.4X7.2KV-240/480V	250	2.4	7.2	480
7001531	1PH OVD,333KVA,2.4X7.2KV-240/480V	333	2.4	7.2	480
7001532	1PH OVD,500KVA,2.4X7.2KV-240/480V	500	2.4	7.2	480
7001451	1PH OVD,100KVA,7.2KV-2.4KV	100	7.2	2400	
7001452	1PH OVD,167KVA,7.2KV-2.4KV	167	7.2	2400	
7001453	1PH OVD,250KVA,7.2KV-2.4KV	250	7.2	2400	
7001454	1PH OVD,333KVA,7.2KV-2.4KV	333	7.2	2400	
7001455	1PH OVD,500KVA,7.2KV-2.4KV	500	7.2	2400	
7003260	1PH OVD,75KVA,7.2KV-120/240V, FR	75	7.2	240	
7003261	1PH OVD,100KVA,7.2KV-120/240V, FR	100	7.2	240	
7003263	1PH OVD,167KVA,7.2KV-120/240V, FR	167	7.2	240	
7003252	1PH OVD,25KVA,2.4X7.2KV-120/240V, FR	25	2.4	7.2	240
7003256	1PH OVD,37.5KVA,2.4X7.2KV-120/240V, FR	37.5	2.4	7.2	240
7003255	1PH OVD,75KVA,2.4X7.2KV-120/240V, FR	75	2.4	7.2	240
7003258	1PH OVD,100KVA,2.4X7.2KV-120/240V, FR	100	2.4	7.2	240
7003259	1PH OVD,167KVA,2.4X7.2KV-120/240V, FR	167	2.4	7.2	240

1-Phase Padmount Transformers

KU IIN	Short Description	Size (KVA)	Pri. 1 (KV)	Pri. 2 (KV)	Sec. (V)
7001608	1PH PAD,25KVA,7.2KV-120/240V	25	7.2		240
7001609	1PH PAD,37.5KVA,7.2KV-120/240V	37.5	7.2		240
7001610	1PH PAD,50KVA,7.2KV-120/240V	50	7.2		240
7001611	1PH PAD,75KVA,7.2KV-120/240V	75	7.2		240
7001612	1PH PAD,100KVA,7.2KV-120/240V	100	7.2		240
7001613	1PH PAD,167KVA,7.2KV-120/240V	167	7.2		240
7001614	1PH PAD,250KVA,7.2KV-120/240V	250	7.2		240

7001617 1PH PAD,25KVA,2.4X7.2KV-120/240V	25	2.4	7.2	240
7001618 1PH PAD,37.5KVA,2.4X7.2KV-120/240V	37.5	2.4	7.2	240
7001619 1PH PAD,50KVA,2.4X7.2KV-120/240V	50	2.4	7.2	240
7001620 1PH PAD,75KVA,2.4X7.2KV-120/240V	75	2.4	7.2	240
7001621 1PH PAD,100KVA,2.4X7.2KV-120/240V	100	2.4	7.2	240
7001622 1PH PAD,167KVA,2.4X7.2KV-120/240V	167	2.4	7.2	240
7001623 1PH PAD,250KVA,2.4X7.2KV-120/240V	250	2.4	7.2	240

3-Phase Padmount Transformers

KU IIN	Short Description	Size (KVA)	Pri. 1 (KV)	Pri. 2 (KV)	Sec. (V)
7001635	3PH PAD,75KVA,12.47KV-208Y/120V	75	12.47		208
7001637	3PH PAD,150KVA,12.47KV-208Y/120V	150	12.47		208
7001638	3PH PAD,225KVA,12.47KV-208Y/120V	225	12.47		208
7001639	3PH PAD,300KVA,12.47KV-208Y/120V	300	12.47		208
7001640	3PH PAD,500KVA,12.47KV-208Y/120V	500	12.47		208
7001641	3PH PAD,750KVA,12.47KV-208Y/120V	750	12.47		208
7001642	3PH PAD,1000KVA,12.47KV-208Y/120V	1000	12.47		208
7002131	3PH PAD,1500KVA,12.47KV-208Y/120V	1500	12.47		208
7001662	3PH PAD,75KVA,4.16X12.47KV-208Y/120V	75	4.16	12.47	208
7001664	3PH PAD,150KVA,4.16X12.47KV-208Y/120V	150	4.16	12.47	208
7001665	3PH PAD,225KVA,4.16X12.47KV-208Y/120V	225	4.16	12.47	208
7001666	3PH PAD,300KVA,4.16X12.47KV-208Y/120V	300	4.16	12.47	208
7001667	3PH PAD,500KVA,4.16X12.47KV-208Y/120V	500	4.16	12.47	208
7001668	3PH PAD,750KVA,4.16X12.47KV-208Y/120V	750	4.16	12.47	208
7001669	3PH PAD,1000KVA,4.16X12.47KV-208Y/120V	1000	4.16	12.47	208
7001653	3PH PAD,75KVA,12.47KV-240D/120V	75	12.47	240	
7001655	3PH PAD,150KVA,12.47KV-240D/120V	150	12.47	240	
7001656	3PH PAD,225KVA,12.47KV-240D/120V	225	12.47	240	
7001657	3PH PAD,300KVA,12.47KV-240D/120V	300	12.47	240	
7001658	3PH PAD,500KVA,12.47KV-240D/120V	500	12.47	240	
7001659	3PH PAD,750KVA,12.47KV-240D/120V	750	12.47	240	
7001660	3PH PAD,1000KVA,12.47KV-240D/120V	1000	12.47	240	
7001682	3PH PAD,75KVA,4.16X12.47KV-240D/120V	75	4.16	12.47	240
7001684	3PH PAD,150KVA,4.16X12.47KV-240D/120V	150	4.16	12.47	240
7001685	3PH PAD,225KVA,4.16X12.47KV-240D/120V	225	4.16	12.47	240
7001686	3PH PAD,300KVA,4.16X12.47KV-240D/120V	300	4.16	12.47	240
7001687	3PH PAD,500KVA,4.16X12.47KV-240D/120V	500	4.16	12.47	240
7001688	3PH PAD,750KVA,4.16X12.47KV-240D/120V	750	4.16	12.47	240
7001689	3PH PAD,1000KVA,4.16X12.47KV-240D/120V	1000	4.16	12.47	240
7001644	3PH PAD,75KVA,12.47KV-480Y/277V	75	12.47		480
7001646	3PH PAD,150KVA,12.47KV-480Y/277V	150	12.47		480
7001647	3PH PAD,225KVA,12.47KV-480Y/277V	225	12.47		480

7001648 3PH PAD,300KVA,12.47KV-480Y/277V	300	12.47		480
7001649 3PH PAD,500KVA,12.47KV-480Y/277V	500	12.47		480
7001650 3PH PAD,750KVA,12.47KV-480Y/277V	750	12.47		480
7001651 3PH PAD,1000KVA,12.47KV-480Y/277V	1000	12.47		480
7001770 3PH PAD,1500KVA,12.47KV-480Y/277V	1500	12.47		480
7001771 3PH PAD,2000KVA,12.47KV-480Y/277V	2000	12.47		480
7001772 3PH PAD,2500KVA,12.47KV-480Y/277V	2500	12.47		480
7001773 3PH PAD,3000KVA,12.47KV-480Y/277V	3000	12.47		480
7001671 3PH PAD,75KVA,4.16X12.47KV-480Y/277V	75	4.16	12.47	480
7001673 3PH PAD,150KVA,4.16X12.47KV-480Y/277V	150	4.16	12.47	480
7001674 3PH PAD,225KVA,4.16X12.47KV-480Y/277V	225	4.16	12.47	480
7001675 3PH PAD,300KVA,4.16X12.47KV-480Y/277V	300	4.16	12.47	480
7001676 3PH PAD,500KVA,4.16X12.47KV-480Y/277V	500	4.16	12.47	480
7001677 3PH PAD,750KVA,4.16X12.47KV-480Y/277V	750	4.16	12.47	480
7001678 3PH PAD,1000KVA,4.16X12.47KV-480Y/277V	1000	4.16	12.47	480
7001679 3PH PAD,1500KVA,4.16X12.47KV-480Y/277V	1500	4.16	12.47	480
7001680 3PH PAD,2000KVA,4.16X12.47KV-480Y/277V	2000	4.16	12.47	480
7004482 3PH PAD,2500KVA,12.47KV-4.16KV	2500	12.47		2400
7005052 3PH PAD,225KVA,12.47KV-208Y/120V,SF	225	12.47		208
7005199 3PH PAD,300KVA,12.47KV-208Y/120V,SF	300	12.47		208
7005053 3PH PAD,500KVA,12.47KV-208Y/120V,SF	500	12.47		208
7005054 3PH PAD,750KVA,12.47KV-208Y/120V,SF	750	12.47		208
7006689 3PH PAD,150KVA,12.47KV-240D/120V,SF	150	12.47		240
7006690 3PH PAD,225KVA,12.47KV-240D/120V,SF	300	12.47		240
7005055 3PH PAD,300KVA,12.47KV-240D/120V,SF	750	12.47		240
7005076 3PH PAD,225KVA,12.47KV-480Y/277V,SF	225	12.47		480
7006542 3PH PAD,300KVA,12.47KV-480Y/277V,SF	300	12.47		480
7005077 3PH PAD,500KVA,12.47KV-480Y/277V,SF	500	12.47		480
7005056 3PH PAD,750KVA,12.47KV-480Y/277V,SF	750	12.47		480
7005200 3PH PAD,1000KVA,12.47KV-480Y/277V,SF	1000	12.47		480
7005057 3PH PAD,1500KVA,12.47KV-480Y/277V,SF	1500	12.47		480