



NEMA FRAME DIMENSIONS



24 HOUR/ 7 DAY
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KJ ELECTRIC ENGINEERING SERVICES

- Industrial Control Panel Building
- Drive Start-Ups
- Power Studies
- Dynamic Balancing
- Thermography
- Breaker Solid State Trip Retrofits
- Laser Alignment
- Vacuum Pressure Impregnation (VPI)
- Vibration Analysis
- Training Classes
- Shaft Voltage Testing

*Available as a Field Service

	FRAME DESIGNATIONS								KEYSEAT			C-FACE				D-FLANGE			
	D	E	2F	BA	H	U	N-W	V MIN.	R	ES MIN.	S	AJ	AK	BA	BD	AJ	AK	BA	BD
48	3.00	2.12	2.75	2.50	0.34	0.5000	1.50	---	0.453	---	Flat	3.750	3.000	2.50	5.625				
56	3.50	2.44	3.00	2.75	0.34	0.6250	1.88	---	0.517	1.41	0.188	5.875	4.500	2.75	6.500				
66	4.12	2.94	5.00	3.12	0.41	0.7500	2.25	---	0.644	1.91	0.188	5.875	4.500		6.500				
143	6.50	2.75	4.00	2.25	0.34	0.7500	2.00	1.75	0.644	1.41	0.188								
143T	3.50	2.75	4.00	2.25	0.34	0.8750	2.25	2.00	0.771	1.41	0.188	5.875	4.500	2.75	6.500	10.00	9.000	2.75	11.00
145	3.50	2.75	5.00	2.25	0.34	0.7500	2.00	1.75	0.644	1.41	0.188								
145T	3.50	2.75	5.00	2.25	0.34	0.8750	2.25	2.00	0.771	1.41	0.188	5.875	4.500	2.75	6.500	10.00	9.000	2.75	11.00
182	4.50	3.75	4.50	2.75	0.41	0.8750	2.25	2.00	0.771	1.41	0.188					10.00	9.000		11.00
182T	4.50	3.75	4.50	2.75	0.41	1.1250	2.75	2.50	0.986	1.78	0.250	7.250	8.500*	3.50	9.000	10.00	9.000	3.50	11.00
184	4.50	3.75	5.50	2.75	0.41	0.8750	2.25	2.00	0.771	1.41	0.188	5.875	4.500		6.500	10.00	9.000		11.00
184T	4.50	3.75	5.50	2.75	0.41	1.1250	2.75	2.50	0.986	1.78	0.250	7.250	8.500*	3.50	9.000	10.00	9.000	3.50	11.00
203	5.00	4.00	6.50	3.12	0.41	0.7500	2.25	2.00	0.644	1.53	0.188								
204	5.00	4.00	6.50	3.12	0.41	0.7500	2.25	2.00	0.644	1.53	0.188								
213	5.25	4.25	5.50	3.50	0.41	1.1250	3.00	2.75	0.986	2.03	0.250	7.250	8.500		9.000	10.00	9.000		11.00
213T	5.25	4.25	5.50	3.50	0.41	1.3750	3.38	3.12	1.201	2.41	0.312	7.250	8.500	4.25	9.000	10.00	9.000	4.25	11.00
215	5.25	4.25	7.00	3.50	0.41	1.1250	3.00	2.75	0.986	2.03	0.250	7.250	8.500		9.000	10.00	9.000		11.00
215T	5.25	4.25	7.00	3.50	0.41	1.3750	3.38	3.12	1.201	2.41	0.312	7.250	8.500	4.25	9.000	10.00	9.000	4.25	11.00
224	5.50	4.50	6.75	3.50	0.41	1.0000	3.00	2.75	0.859	2.03	0.250								
225	5.50	4.50	7.50	3.50	0.41	1.0000	3.00	2.75	0.859	2.03	0.250								
254	6.25	5.00	8.25	4.25	0.41	1.1250	3.38	3.12	0.986	2.03	0.250								
254U	6.25	5.00	8.25	4.25	0.53	1.3750	3.75	3.50	1.201	2.78	0.312	7.250	8.500		10.000	12.50	11.000		14.00
254T	6.25	5.00	8.25	4.25	0.53	1.6250	4.00	3.75	1.416	2.91	0.375	7.250	8.500	4.75	10.000	12.50	11.000	4.75	14.00
256U	6.25	5.00	10.00	4.25	0.53	1.3750	3.75	3.50	1.201	2.78	0.312	7.250	8.500		10.000	12.50	11.000		14.00
256T	6.25	5.00	10.00	4.25	0.53	1.6250	4.00	3.75	1.416	2.91	0.375	7.250	8.500	4.75	10.000	12.50	11.000	4.75	14.00
284	7.00	5.50	9.50	4.75	0.53	1.2500	3.75	3.50	1.112	2.03	0.250								
284U	7.00	5.50	9.50	4.75	0.53	1.6250	4.88	4.62	1.416	3.78	0.375	9.000	10.500		11.250	12.50	11.000		14.00
284T	7.00	5.50	9.50	4.75	0.53	1.8750	4.62	4.38	1.591	3.28	0.500	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
284TS	7.00	5.50	9.50	4.75	0.53	1.6250	3.25	3.00	1.416	1.91	0.375	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
286U	7.00	5.50	11.00	4.75	0.53	1.6250	4.88	4.62	1.416	3.78	0.375	9.000	10.500		11.250	12.50	11.000		14.00
286T	7.00	5.50	11.00	4.75	0.53	1.8750	4.62	4.38	1.591	3.28	0.500	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
286TS	7.00	5.50	11.00	4.75	0.53	1.6250	3.25	3.00	1.416	1.91	0.375	9.000	10.500	4.75	11.250	12.50	11.000	4.75	14.00
324	8.00	6.25	10.50	5.25	0.66	1.6250	4.88	4.62	1.416	3.78	0.375								
324U	8.00	6.25	10.50	5.25	0.66	1.8750	5.62	5.38	1.591	4.28	0.500	11.00	12.500		14.00	16.00	14.00		18.00
324S	8.00	6.25	10.50	5.25	0.66	1.6250	3.25	3.00	1.416	1.91	0.375	11.00	12.500		14.00	16.00	14.00		18.00
324T	8.00	6.25	10.50	5.25	0.66	2.1250	5.25	5.00	1.845	3.91	0.500	11.00	12.500	5.25	14.00	16.00	14.00	5.25	18.00
324TS	8.00	6.25	10.50	5.25	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.00	12.500	5.25	14.00	16.00	14.00	5.25	18.00
326	8.00	6.25	12.00	5.25	0.66	1.6250	4.88	4.62	1.416	3.78	0.375								
326U	8.00	6.25	12.00	5.25	0.66	1.8750	5.62	5.38	1.591	4.28	0.500	11.00	12.500		14.00	16.00	14.00		18.00
326S	8.00	6.25	12.00	5.25	0.66	1.6250	3.25	3.00	1.416	1.91	0.375	11.00	12.500		14.00	16.00	14.00		18.00
326T	8.00	6.25	12.00	5.25	0.66	2.1250	5.25	5.00	1.845	3.91	0.500	11.00	12.500	5.25	14.00	16.00	14.00	5.25	18.00
326TS	8.00	6.25	12.00	5.25	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.00	12.500	5.25	14.00	16.00	14.00	5.25	18.00
364	9.00	7.00	11.25	5.88	0.66	1.8750	5.62	5.38	1.591	4.28	0.500								
364S	9.00	7.00	11.25	5.88	0.66	1.6250	3.25	3.00	1.416	1.91	0.375								
364U	9.00	7.00	11.25	5.88	0.66	2.1250	6.38	6.12	1.845	5.03	0.500	11.00	12.500		14.00	16.00	14.00		18.00
364US	9.00	7.00	11.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.00	12.500		14.00	16.00	14.00		18.00
364T	9.00	7.00	11.25	5.88	0.66	2.3750	5.88	5.62	2.021	4.28	0.625	11.00	12.500	5.88	14.00	16.00	14.00	5.88	18.00
364TS	9.00	7.00	11.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.00	12.500	5.88	14.00	16.00	14.00	5.88	18.00
365	9.00	7.00	12.25	5.88	0.66	1.8750	5.62	5.38	1.591	4.28	0.500								
365S	9.00	7.00	12.25	5.88	0.66	1.6250	3.25	3.00	1.416	1.91	0.375								
365U	9.00	7.00	12.25	5.88	0.66	2.1250	6.38	6.12	1.845	5.03	0.500	11.00	12.500		14.00	16.00	14.00		18.00
365US	9.00	7.00	12.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.00	12.500		14.00	16.00	14.00		18.00
365T	9.00	7.00	12.25	5.88	0.66	2.3750	5.88	5.62	2.021	4.28	0.625	11.00	12.500	5.88	14.00	16.00	14.00	5.88	18.00
365TS	9.00	7.00	12.25	5.88	0.66	1.8750	3.75	3.50	1.591	2.03	0.500	11.00	12.500	5.88	14.00	16.00	14.00	5.88	18.00
404	10.00	8.00	12.25	6.62	0.81	2.1250	6.38	6.12	1.845	5.03	0.500								
404S	10.00	8.00	12.25	6.62	0.81	1.8750	3.75	6.50	1.591	2.03	0.500								
404U	10.00	8.00	12.25	6.62	0.81	2.3750	7.12	6.88	2.021	5.53	0.625	11.00	12.500		15.500	20.00	18.00		22.00
404US	10.00	8.00	12.25	6.62	0.81	2.1250	4.25	4.00	1.845	2.78	0.500	11.00	12.500		15.500	20.00	18.00		22.00
404T	10.00	8.00	12.25	6.62	0.81	2.8750	7.25	7.00	2.450	5.65	0.750	11.00	12.500	6.62	15.500	20.00	18.00	6.62	22.00
404TS	10.00	8.00	12.25	6.62	0.81	2.1250	4.25	4.00	1.845	2.78	0.500	11.00	12.500	6.62	15.500	20.00	18.00	6.62	22.00
405	10.00	8.00	13.75	6.62	0.81	2.1250	6.38	6.12	1.845	5.03	0.500								
405S	10.00	8.00	13.75	6.62	0.81	1.8750	3.75	3.50	1.591	2.03	0.500								
405U	10.00	8.00	13.75	6.62	0.81	2.3750	7.12	6.88	2.021	5.53	0.625	11.00	12.500		15.500	20.00	18.00		22.00
405US	10.00																		