

Power Accessories Selection

AC Line / Load Reactors

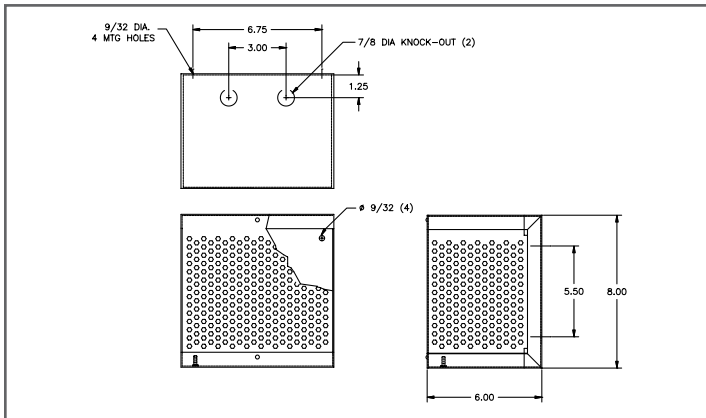


Fig. 1

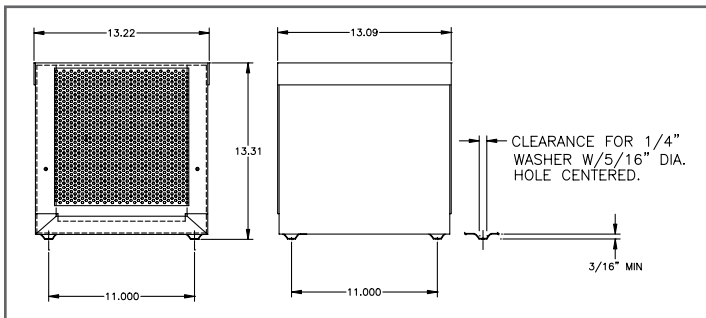


Fig. 2

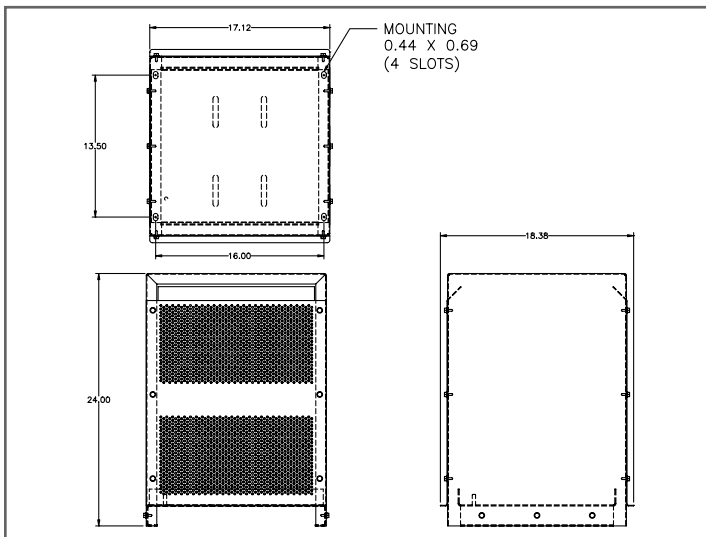


Fig. 3

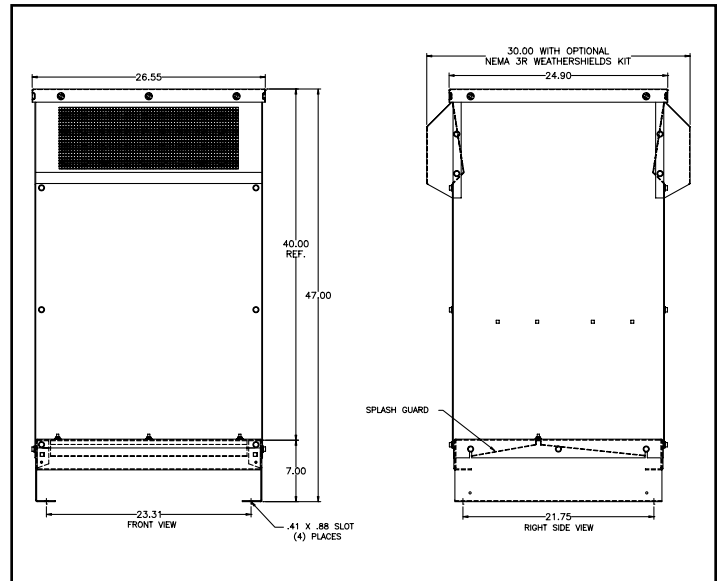


Fig. 4

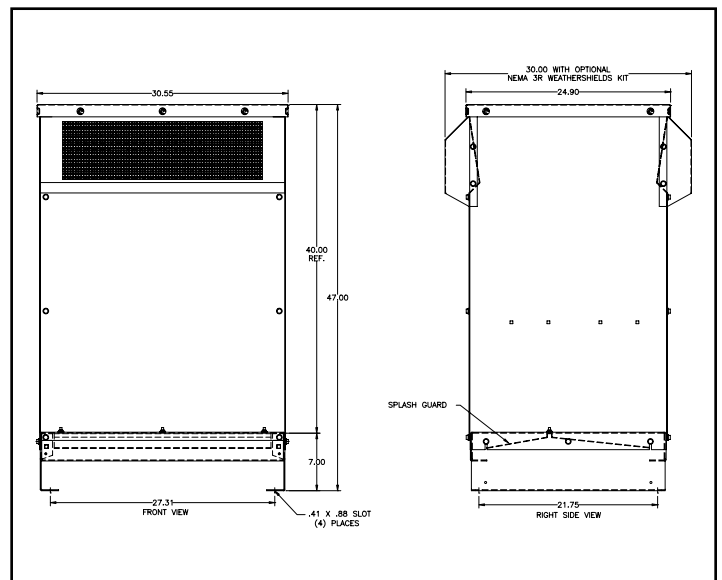


Fig. 5

AC Line / Load Reactors (continued)

480V Class

HP	Drive Model Number: CIMR-AU4A				Nominal 5% Impedance*								
					Reactor Rated Current (A)	Inductance (μH)	Enclosed Yaskawa Part Number	Dimensions (in.)				Weight (lb)	Watt Loss (W)
Normal Duty	Built-in DC Link Reactor	Heavy Duty	Built-in DC Link Reactor	Figure				L	W	H			
0.5	0002	No	0002	No	1	36000	URX000241	1	8.00	6.00	8.00	11	11.9
0.75	0002	No	0002	No	2	20000	05P00620-0016		8.00	6.00	8.00	11	11.3
1	0002	No	0004	No	2	20000	05P00620-0016		8.00	6.00	8.00	11	11.3
1.5	0004	No	0004	No	4	12000	05P00620-0023		8.00	6.00	8.00	13	21
2	0004	No	0004	No	4	12000	05P00620-0023		8.00	6.00	8.00	13	21
3	0005	No	0005	No	8	7500	URX000226		8.00	6.00	8.00	20	28
5	0009	No	0011	No	8	5000	05P00620-0029		8.00	6.00	8.00	18	25.3
7.5	0011	No	0018	No	12	4200	05P00620-0034		8.00	6.00	8.00	25	41
10	0018	No	0018	No	18	2500	05P00620-0038	2	13.22	13.09	13.00	34	43
15	0023	No	0031	No	25	1800	05P00620-0043		13.22	13.09	13.00	38	61
20	0031	No	0038	No	35	1200	05P00620-0048		13.22	13.09	13.00	48	54
25	0038	No	0044	No	35	1200	05P00620-0048		13.22	13.09	13.00	48	54
30	0044	No	--	--	45	1200	05P00620-0052		13.22	13.09	13.00	57	65
30	--	--	0058	Yes	45	700	05P00620-0051		13.22	13.09	13.00	46	62
40	0058	Yes	0072	Yes	55	500	05P00620-0055		13.22	13.09	13.00	45	67
50	0072	Yes	0088	Yes	80	400	05P00620-0059		13.22	13.09	13.00	51	86
60	0088	Yes	0088	Yes	80	400	05P00620-0059		13.22	13.09	13.00	51	86
75	0103	Yes	0103	Yes	100	300	05P00620-0062		13.22	13.09	13.00	55	84
100	0139	Yes	0165	Yes	130	200	05P00620-0067		13.22	13.09	13.00	61	180
125	0165	Yes	0165	Yes	160	150	05P00620-0073		13.22	13.09	13.00	68	149
150	0208	Yes	0208	Yes	200	110	05P00620-0078	13.22	13.09	13.00	72	168	
200	0250	Yes	0250	Yes	250	90	05P00620-0083	3	18.38	16.88	24.00	107	231
250	0296	Yes	0362	Yes	320	75	05P00620-0088		18.38	16.88	24.00	129	264
300	0362	Yes	0414	Yes	400	60	05P00620-0092		18.38	16.88	24.00	145	333
350	0414	Yes	0515	Yes	500	50	05P00620-0096	4	26.55	24.90	47.00	262	340
400	0515	Yes	0675	Yes	500	50	05P00620-0096		26.55	24.90	47.00	262	340
450	0675	Yes	0675	Yes	600	40	05P00620-0100		26.55	24.90	47.00	319	414
500	0675	Yes	0675	Yes	600	40	05P00620-0100		26.55	24.90	47.00	319	414
600	0675	Yes	0930	Yes	750	29	05P00620-0104	5	30.55	24.90	47.00	349	630
660	0930	Yes	0930	Yes	750	29	05P00620-0104		30.55	24.90	47.00	349	630
700	0930	Yes	0930	Yes	900	25	URX000255		30.55	24.90	47.00	529	1020
750	0930	Yes	1200	Yes	900	25	URX000255		30.55	24.90	47.00	529	1020
800	1200	Yes	1200	Yes	1000	22	URX000245		30.55	24.90	47.00	567	1090
900	1200	Yes	1200	Yes	1200	19	URX000247		30.55	24.90	47.00	599	1130
1000	1200	Yes	1200	Yes	1200	19	URX000247		30.55	24.90	47.00	599	1130

* Large A1000 chassis have a built-in DC link reactor equivalent to 3% line reactance. 480V ratings are shown with 3% added AC reactance for 6% total.