

Westmaster Contactors

RATINGS AND OPERATING CHARACTERISTICS TO BSEN60947/IEC947, BS5424/IEC158.

Contactor	Ith open (A)	AC1 (A)	AC2 (A)	AC3 Duty								AC4 Duty			
				220V		415V *See note		440V		550V		415V		440V	
				kW	A	kW	A	kW	A	kW	A	kW	A	kW	A
UA04	32	12	8.5	2.2	8.5	4	8.5	4.5	8.5	3.7	5.4	2.2	5.0	2.5	5.0
UA05	32	16	11.5	3.0	11.5	5.5	11.5	6.0	11.5	5.2	7.5	3.0	6.5	3.3	6.6
UA07	32	20	16	4.0	15.0	7.5	16.0	9.0	16.0	6.0	9.9	4.3	8.5	4.5	8.5
UA11	32	25	22	5.9	22	11	22	12.5	22	9.5	14.5	5.5	11	6	11.5
UA15	60	32	28	7.5	27.4	15	28	15	26.3	12	18	6.6	13	7	13
UA18	60	40	37	10.4	37	18.5	37	22	37	15	20	7.5	14	7.8	14
UA22	60	55	44	12.5	44	22	44	26	44	15	20	8.0	15	8.5	15
U030	70	65	60	17	60	30	60	35	60	27	37	16	30	17	30
U037	130	80	72.5	20	70	37	72.5	45	72.5	30	47	25	44	26	44
U055	130	120	105	30	101	55	105	65	105	37	52	33	60	35	60
U075	200	150	138	40	134	75	138	85	138	75	96	50	85	52	85
U090	200	180	170	50	168	90	165	100	162	90	117	59	105	60	105
U132	400	280	245	75	245	132	245	147	236	150	196	90	165	105	170
U200	400	380	330	100	325	184	325	200	321	200	260	110	200	125	200
U400	730	700	650	200	626	400	646	420	646	400	510	245	425	260	425

Note * 415V ratings are shown as the contactors maximum AC3 current ratings, the motor kW ratings have been rounded down to the nearest metric motor frame size.

Contactor	Short Circuit Max. Fuse 32-50kA Type 2	Lamp Switching		Capacitor Switching		Coil Consumption		Mechanical Life- millions of operations	Maximum number of auxiliary contacts	Typical Operating Times	
		AC 5a	AC 5b	AC 6b	kVAr at 415/ 440V	Inrush	Sealed (closing) (hold in)			Touch	De-energ. to Contacts Part
		A	A	A						mS	
UA04	25	7.6	7.0	6.0	4.3	80	12	10	6	8-14	7-10
UA05	32	10.3	9.2	8.0	5.8	80	12	10	6	8-14	7-10
UA07	40	14.5	12.8	10.0	7.0	80	12	10	6	8-14	7-10
UA11	50	19	18.0	16.0	11.5	80	12	10	6	8-14	7-10
UA15	80	25	22.5	18.0	13.0	100	12	10	9	8-14	7-10
UA18	80	33	30	23	16.5	100	12	10	9	8-14	7-10
UA22	80	39	35	27	19.3	100	12	10	9	8-14	7-10
U030	125	54	48	39	28	170	24	10	8	14-27	5-15
U037	125	65	58	50	36	245	22	10	8	16-32	6-17
U055	200	95	84	63	45	245	22	10	8	16-32	6-17
U075	315	125	110	81	58	700	140	5	8	35-50	17-23
U090	315	153	136	110	78	700	140	5	8	35-50	17-23
U132	355	220	196	144	105	1500	250	5	8	55-95	16-20
U200	450	300	264	215	155	1500	250	5	8	55-95	16-20
U400	800	580	520	350	255	3000	420	3	8	40-70	18-25

Note + Short circuit co-ordination - maximum fuse ratings for Type 2 pass at 32-50kA prospective current.

Notes

1. Ratings are valid over a frequency range of 40-60 Hz, for frequencies outside this range consult Allenwest.
2. Rated insulation voltage (Ui) is 660V for all devices.
3. Lamp switching AC5a (IEC 947) Discharge lamps AC5b (IEC 947) Incandescent lamps.
4. Capacitor switching AC6b (IEC 947) Ratings listed are for prospective current of 20kA at the capacitor installation. Other values please consult Allenwest.
5. Coil consumption is listed in apparent power (VA) to determine the current at any particular voltage use the following $I = \frac{VA}{V}$