

EMX4i QUICK PICK

IEC - 3 Wire Connection - 40oC

For different operating conditions use WinSTART rating software

Internally Bypassed

Normal Duty

3.5 x FLC, 15s, 40oC

Heavy Duty

4 x FLC, 20s, 40oC

EMX4i	FLC	Motor Power (kW)				FLC	Motor Power (kW)			
	Amps	230V	400V	500V	690V	Amps	230V	400V	500V	690V
EMX4i-0024B	20	7.5	11	15	18.5	16	5.5	7.5	11	15
EMX4i-0042B	34	11	18.5	22	30	27	7.5	15	18.5	22
EMX4i-0052B	42	11	22	30	37	35	11	18.5	22	30
EMX4i-0064B	63	18.5	30	45	60	51	15	22	37	45
EMX4i-0069B	69	22	37	45	60	62	18.5	30	45	55
EMX4i-0105B	86	22	45	60	75	69	22	37	45	60
EMX4i-0115B	108	30	55	75	90	86	22	45	60	75
EMX4i-0135B	129	37	60	90	110	103	30	55	75	90
EMX4i-0184B	144	45	75	90	132	116	37	60	75	110
EMX4i-0200B	171	55	90	110	160	138	45	75	90	132
EMX4i-0229B	194	60	110	132	185	157	45	90	110	150
EMX4i-0250B	244	75	132	160	220	200	60	110	150	185
EMX4i-0352B	287	90	160	185	280	234	75	132	160	220
EMX4i-0397B	323	110	185	220	315	263	75	150	185	250
EMX4i-0410B	410	132	220	280	400	380	110	200	250	355
EMX4i-0550B	527	160	300	355	500	427	132	220	280	400
EMX4i-0580B	579	185	315	400	500	470	150	250	315	450
EMX4i-0835B	654	185	355	450	600	535	160	300	355	500
EMX4i-0940B	736	220	400	500	700	603	185	315	400	600
EMX4i-1070B	950	300	500	600	900	785	250	450	500	700
EMX4i-1230B	1154	355	600	800	1100	959	300	500	600	950
EMX4i-1250B	1250	400	700	900	1200	1156	355	600	800	1050

Continous Operation (no internal bypass)

Normal Duty

3.5 x FLC, 15s, 40oC, 50% Duty Cycle

Heavy Duty

4 x FLC, 20s, 40oC, 50% Duty Cycle

EMX4i	FLC	Motor Power (kW)				FLC	Motor Power (kW)			
	Amps	230V	400V	500V	690V	Amps	230V	400V	500V	690V
EMX4i-0190C	163	45	90	110	160	142	45	75	90	132
EMX4i-0260C	216	60	110	150	185	183	60	90	132	160
EMX4i-0341C	276	90	150	185	250	231	75	132	150	220
EMX4i-0404C	345	110	185	220	315	298	90	160	185	280
EMX4i-0474C	449	132	280	315	400	419	132	220	280	400
EMX4i-0735C	590	185	315	400	550	492	160	250	315	450
EMX4i-0830C	667	187	355	450	600	557	160	315	400	500
EMX4i-1025C	839	250	450	550	800	710	220	400	500	700
EMX4i-1170C	979	300	500	700	900	838	250	450	600	800
EMX4i-1220C	1134	355	600	800	1100	964	315	500	700	900

Externally Bypassed

Normal Duty

3.5 x FLC, 15s, 40oC

Heavy Duty

4 x FLC, 20s, 40oC

EMX4i	FLC	Motor Power (kW)				FLC	Motor Power (kW)			
	Amps	230V	400V	500V	690V	Amps	230V	400V	500V	690V
EMX4i-0735C	732	220	400	500	700	593	185	315	400	500
EMX4i-0830C	822	250	450	550	800	667	220	355	450	600
EMX4i-1025C	1067	355	600	750	1000	874	280	500	600	800
EMX4i-1170C	1307	400	750	900	1200	1076	355	600	700	1000
EMX4i-1220C	1620	500	900	1100	1400	1309	400	750	900	1200

EMX4i QUICK PICK

IEC - 3 Wire Connection - 50oC

For different operating conditions use WinSTART rating software

Internally Bypassed

Normal Duty

3.5 x FLC, 15s, 50oC

Heavy Duty

4 x FLC, 20s, 50oC

EMX4i	FLC	Motor Power (kW)				FLC	Motor Power (kW)			
	Amps	230V	400V	500V	690V	Amps	230V	400V	500V	690V
EMX4i-0024B	18	5.5	11	11	15	15	4	7.5	11	11
EMX4i-0042B	31	7.5	15	22	30	24	5.5	11	15	22
EMX4i-0052B	38	11	18.5	22	37	31	7.5	15	22	30
EMX4i-0064B	55	15	30	37	55	44	11	22	30	45
EMX4i-0069B	69	22	37	45	60	56	15	30	37	55
EMX4i-0105B	76	22	37	55	75	60	18.5	30	37	60
EMX4i-0115B	99	30	45	60	90	79	22	37	55	75
EMX4i-0135B	119	37	55	75	110	95	30	45	60	90
EMX4i-0184B	126	37	60	90	110	101	30	55	75	90
EMX4i-0200B	155	45	90	110	150	125	37	60	90	110
EMX4i-0229B	179	55	90	110	160	145	45	75	90	132
EMX4i-0250B	224	60	110	150	220	184	60	90	132	160
EMX4i-0352B	263	75	150	185	250	214	60	110	150	185
EMX4i-0397B	302	90	160	200	300	246	75	132	160	220
EMX4i-0410B	410	132	220	280	400	353	110	185	250	315
EMX4i-0550B	483	150	250	315	450	392	110	200	280	355
EMX4i-0580B	538	160	280	355	500	437	132	220	300	400
EMX4i-0835B	581	185	315	400	550	475	150	250	315	450
EMX4i-0940B	668	220	355	450	600	546	160	280	355	500
EMX4i-1070B	886	280	500	600	800	732	220	400	500	700
EMX4i-1230B	1078	315	600	750	1000	895	280	500	600	800
EMX4i-1250B	1130	355	650	800	1200	1075	355	600	700	1000

Continuous Operation (no internal bypass)

Normal Duty

3.5 x FLC, 15s, 50oC, 50% Duty Cycle

Heavy Duty

4 x FLC, 20s, 50oC, 50% Duty Cycle

EMX4i	FLC	Motor Power (kW)				FLC	Motor Power (kW)			
	Amps	230V	400V	500V	690V	Amps	230V	400V	500V	690V
EMX4i-0190C	148	45	75	90	132	129	37	60	90	110
EMX4i-0260C	197	60	110	132	185	167	55	90	110	160
EMX4i-0341C	257	75	132	160	250	215	60	110	150	185
EMX4i-0404C	321	90	160	220	315	277	90	150	185	250
EMX4i-0474C	391	110	185	280	355	365	110	185	250	355
EMX4i-0735C	522	160	280	355	500	435	132	220	300	400
EMX4i-0830C	603	185	315	400	600	503	160	280	355	500
EMX4i-1025C	725	220	400	500	700	660	185	355	450	600
EMX4i-1170C	890	280	500	600	800	779	250	450	550	700
EMX4i-1220C	990	315	550	700	900	893	280	500	600	800

Externally Bypassed

Normal Duty

3.5 x FLC, 15s, 50oC

Heavy Duty

4 x FLC, 20s, 50oC

EMX4i	FLC	Motor Power (kW)				FLC	Motor Power (kW)			
	Amps	230V	400V	500V	690V	Amps	230V	400V	500V	690V
EMX4i-0735C	652	185	355	450	600	528	160	280	355	500
EMX4i-0830C	747	220	400	500	700	606	185	315	400	600
EMX4i-1025C	997	315	500	700	900	816	250	450	500	800
EMX4i-1170C	1220	355	700	800	1200	1006	315	500	700	1000
EMX4i-1220C	1370	400	800	900	1300	1221	400	700	800	1200

EMX4i QUICK PICK

IEC - 6 Wire Connection - 40oC

For different operating conditions use WinSTART rating software

Internally Bypassed

EMX4i	Normal Duty					Heavy Duty				
	3.5 x FLC, 15s, 40oC					4 x FLC, 20s, 40oC				
	FLC Amps	Motor Power (kW)				FLC Amps	Motor Power (kW)			
		230V	400V	500V	690V		230V	400V	500V	690V
EMX4i-0024B	30	7.5	15	18.5	22	24	7.5	11	15	22
EMX4i-0042B	51	15	22	30	45	40	11	18.5	22	37
EMX4i-0052B	63	18.5	30	37	60	52	15	22	30	45
EMX4i-0064B	94	30	45	60	90	76	22	37	45	60
EMX4i-0069B	103	30	55	60	90	93	30	45	60	90
EMX4i-0105B	129	37	60	90	110	103	30	55	75	90
EMX4i-0115B	162	45	90	110	150	129	37	60	90	110
EMX4i-0135B	193	60	110	132	185	154	45	75	110	150
EMX4i-0184B	216	60	110	150	200	174	55	90	110	160
EMX4i-0200B	256	75	150	160	250	207	60	110	132	185
EMX4i-0229B	291	90	160	185	280	235	75	132	160	220
EMX4i-0250B	366	110	185	250	355	300	90	160	185	280
EMX4i-0352B	430	132	220	300	400	351	110	185	250	315
EMX4i-0397B	484	150	250	315	450	394	110	220	280	355
EMX4i-0410B	615	185	315	400	600	570	185	315	400	500
EMX4i-0550B	790	250	450	500	700	640	185	355	450	600
EMX4i-0580B	868	280	500	600	800	705	220	400	500	700
EMX4i-0835B	981	315	500	700	900	802	250	450	500	800
EMX4i-0940B	1104	355	600	750	1000	904	280	500	600	900
EMX4i-1070B	1425	450	800	1000	1300	1177	355	600	800	1100
EMX4i-1230B	1731	500	900	1200	1600	1438	450	800	1000	1300
EMX4i-1250B	1875	600	1000	1300	1700	1734	500	1000	1200	1600

Continous Operation (no internal bypass)

EMX4i	Normal Duty					Heavy Duty				
	3.5 x FLC, 15s, 40oC, 50% Duty Cycle					4 x FLC, 20s, 40oC, 50% Duty Cycle				
	FLC Amps	Motor Power (kW)				FLC Amps	Motor Power (kW)			
		230V	400V	500V	690V		230V	400V	500V	690V
EMX4i-0190C	245	75	132	160	220	213	60	110	150	200
EMX4i-0260C	324	90	185	220	315	275	90	150	185	250
EMX4i-0341C	414	132	220	280	400	347	110	185	220	315
EMX4i-0404C	518	160	280	355	500	447	132	250	300	400
EMX4i-0474C	674	220	355	450	600	629	185	355	400	600
EMX4i-0735C	885	280	500	600	800	738	220	400	500	700
EMX4i-0830C	1000	315	550	700	900	835	250	450	500	800
EMX4i-1025C	1258	400	700	900	1200	1065	315	600	700	1000
EMX4i-1170C	1468	450	800	1000	1300	1257	400	700	800	1200
EMX4i-1220C	1701	500	900	1200	1600	1446	450	800	1000	1300

Externally Bypassed

EMX4i	Normal Duty					Heavy Duty				
	3.5 x FLC, 15s, 40oC					4 x FLC, 20s, 40oC				
	FLC Amps	Motor Power (kW)				FLC Amps	Motor Power (kW)			
		230V	400V	500V	690V		230V	400V	500V	690V
EMX4i-0735C	1098	355	600	700	1000	890	280	500	600	800
EMX4i-0830C	1233	400	700	800	1200	1001	315	550	700	1000
EMX4i-1025C	1600	500	900	1100	1500	1311	400	800	900	1300
EMX4i-1170C	1960	600	1100	1200	1800	1614	500	900	1100	1500
EMX4i-1220C	2430	800	1300	1400	2200	1964	600	1100	1200	1800

EMX4i QUICK PICK

IEC - 6 Wire Connection - 50oC

For different operating conditions use WinSTART rating software

Internally Bypassed

EMX4i	Normal Duty					Heavy Duty				
	3.5 x FLC, 15s, 50oC					4 x FLC, 20s, 50oC				
	FLC Amps	Motor Power (kW)				FLC Amps	Motor Power (kW)			
		230V	400V	500V	690V		230V	400V	500V	690V
EMX4i-0024B	27	7.5	11	18.5	22	23	5.5	11	15	22
EMX4i-0042B	47	15	22	30	45	36	11	18.5	22	30
EMX4i-0052B	57	18.5	30	37	55	47	15	22	30	45
EMX4i-0064B	83	22	45	55	75	66	18.5	30	45	60
EMX4i-0069B	104	30	55	75	90	84	22	45	60	75
EMX4i-0105B	114	37	55	75	110	90	30	45	60	90
EMX4i-0115B	149	45	75	90	150	119	37	55	75	110
EMX4i-0135B	179	55	90	110	150	143	45	75	90	132
EMX4i-0184B	189	60	110	132	185	152	45	75	110	150
EMX4i-0200B	233	75	132	160	220	188	60	90	132	185
EMX4i-0229B	269	90	150	185	250	218	60	110	150	220
EMX4i-0250B	336	110	185	220	315	276	90	150	185	280
EMX4i-0352B	395	110	220	280	355	321	90	185	220	315
EMX4i-0397B	453	132	250	315	450	369	110	185	250	355
EMX4i-0410B	615	185	315	400	600	530	160	280	355	500
EMX4i-0550B	725	220	400	500	700	588	185	315	400	550
EMX4i-0580B	807	250	450	550	800	656	185	355	450	600
EMX4i-0835B	872	280	500	600	800	713	220	400	500	700
EMX4i-0940B	1002	315	550	700	1000	819	250	450	550	800
EMX4i-1070B	1329	400	700	900	1200	1098	355	600	750	1000
EMX4i-1230B	1617	500	900	1100	1500	1343	400	800	900	1200
EMX4i-1250B	1695	500	950	1200	1600	1613	500	900	1100	1600

Continous Operation (no internal bypass)

EMX4i	Normal Duty					Heavy Duty				
	3.5 x FLC, 15s, 50oC, 50% Duty Cycle					4 x FLC, 20s, 50oC, 50% Duty Cycle				
	FLC Amps	Motor Power (kW)				FLC Amps	Motor Power (kW)			
		230V	400V	500V	690V		230V	400V	500V	690V
EMX4i-0190C	222	60	110	150	220	194	60	110	132	185
EMX4i-0260C	296	90	150	185	280	251	75	132	160	250
EMX4i-0341C	386	110	185	353	355	323	90	185	220	300
EMX4i-0404C	482	150	250	315	450	416	132	220	280	400
EMX4i-0474C	587	185	300	400	500	548	160	300	355	500
EMX4i-0735C	783	250	450	550	700	653	185	355	450	600
EMX4i-0830C	905	280	550	600	900	755	250	400	500	700
EMX4i-1025C	1088	355	600	750	1000	990	315	550	700	900
EMX4i-1170C	1335	400	800	950	1200	1169	355	600	800	1100
EMX4i-1220C	1485	450	850	1000	1400	1340	400	800	900	1200

Externally Bypassed

EMX4i	Normal Duty					Heavy Duty				
	3.5 x FLC, 15s, 50oC					4 x FLC, 20s, 50oC				
	FLC Amps	Motor Power (kW)				FLC Amps	Motor Power (kW)			
		230V	400V	500V	690V		230V	400V	500V	690V
EMX4i-0735C	978	315	500	700	900	792	250	450	500	700
EMX4i-0830C	1121	355	700	800	1100	909	280	500	600	900
EMX4i-1025C	1496	450	800	1000	1400	1224	400	700	800	1200
EMX4i-1170C	1830	600	1000	1200	1700	1509	500	800	1000	1500
EMX4i-1220C	2055	600	1100	1300	1800	1832	600	1000	1200	1700