

EMX4i QUICK PICK

NEMA - 3 Wire Connection - 40oC

For different operating conditions use WinSTART rating software

Internally Bypassed

Normal Duty

3.5 x FLC, 30s, 40oC

Heavy Duty

4.5 x FLC, 30s, 40oC

EMX4i	Normal Duty				Heavy Duty			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0024B	14	3	10	10	14	3	10	10
EMX4i-0042B	30	10	20	25	24	7.5	15	20
EMX4i-0052B	38	10	25	30	29	10	20	25
EMX4i-0064B	54	20	40	50	42	15	30	40
EMX4i-0069B	68	25	50	60	50	15	30	40
EMX4i-0105B	70	25	50	60	54	20	40	50
EMX4i-0115B	88	30	60	75	68	25	50	60
EMX4i-0135B	105	40	75	100	82	30	60	75
EMX4i-0184B	125	40	100	125	96	30	75	75
EMX4i-0200B	144	50	100	150	112	40	75	100
EMX4i-0229B	164	60	125	150	130	50	100	125
EMX4i-0250B	212	75	150	200	164	60	125	150
EMX4i-0352B	248	100	200	250	192	75	150	200
EMX4i-0397B	278	100	200	250	216	75	150	200
EMX4i-0410B	404	150	300	400	314	125	250	300
EMX4i-0550B	448	150	350	450	348	125	250	350
EMX4i-0580B	495	200	400	500	385	150	300	400
EMX4i-0835B	565	200	450	550	440	150	350	450
EMX4i-0940B	638	250	500	600	496	200	400	500
EMX4i-1070B	864	350	700	900	664	250	500	600
EMX4i-1230B	1055	400	850	1000	843	350	700	800
EMX4i-1250B	1249	500	1000	1300	971	400	800	1000

Continous Operation (no internal bypass)

Normal Duty

3.5 x FLC, 30s, 40oC, 50% Duty Cycle

Heavy Duty

4.5 x FLC, 30s, 40oC, 50% Duty Cycle

EMX4i	Normal Duty				Heavy Duty			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0190C	159	60	125	150	130	50	100	125
EMX4i-0260C	198	75	150	200	161	60	125	150
EMX4i-0341C	250	100	200	250	198	75	150	200
EMX4i-0404C	331	125	250	300	266	100	200	250
EMX4i-0474C	414	150	350	450	377	150	300	350
EMX4i-0735C	535	200	450	500	421	150	350	450
EMX4i-0830C	605	250	500	600	480	200	400	500
EMX4i-1025C	775	300	600	800	618	250	500	600
EMX4i-1170C	920	350	700	850	740	300	600	700
EMX4i-1220C	1044	450	800	1000	864	350	700	900

Externally Bypassed

Normal Duty

3.5 x FLC, 30s, 40oC

Heavy Duty

4.5 x FLC, 30s, 40oC

EMX4i	Normal Duty				Heavy Duty			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0735C	621	250	500	600	483	200	400	500
EMX4i-0830C	699	250	550	700	544	200	450	500
EMX4i-1025C	960	400	800	1000	735	300	600	700
EMX4i-1170C	1180	500	950	1200	916	350	700	900
EMX4i-1220C	1403	550	1150	1400	1091	500	900	1100

EMX4i QUICK PICK

NEMA - 3 Wire Connection - 50oC

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Internally Bypassed

Normal Duty

3.5 x FLC, 30s, 50oC

Heavy Duty

4.5 x FLC, 30s, 50oC

EMX4i	Normal Duty				Heavy Duty			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0024B	17	5	10	15	14	3	10	10
EMX4i-0042B	28	10	20	25	22	7.5	15	20
EMX4i-0052B	34	10	25	30	28	10	20	25
EMX4i-0064B	52	15	30	40	40	10	25	30
EMX4i-0069B	58	20	40	50	45	15	30	40
EMX4i-0105B	77	25	50	60	52	15	40	50
EMX4i-0115B	81	30	60	75	65	20	50	60
EMX4i-0135B	99	30	75	100	77	25	60	75
EMX4i-0184B	124	40	75	100	96	30	60	75
EMX4i-0200B	130	50	100	125	104	40	75	100
EMX4i-0229B	156	60	125	150	124	40	100	100
EMX4i-0250B	194	75	150	200	156	60	125	150
EMX4i-0352B	240	75	150	200	180	60	150	150
EMX4i-0397B	260	100	200	250	202	75	150	200
EMX4i-0410B	377	150	300	350	302	100	250	300
EMX4i-0550B	414	150	350	450	319	125	250	300
EMX4i-0580B	477	200	400	500	361	150	300	350
EMX4i-0835B	515	200	450	500	414	150	350	450
EMX4i-0940B	590	200	500	600	480	200	400	500
EMX4i-1070B	796	300	600	800	619	250	500	600
EMX4i-1230B	984	400	800	1000	768	300	600	800
EMX4i-1250B	1130	450	900	1100	903	350	700	900

Continous Operation (no internal bypass)

Normal Duty

3.5 x FLC, 30s, 50oC, 50% Duty Cycle

Heavy Duty

4.5 x FLC, 30s, 50oC, 50% Duty Cycle

EMX4i	Normal Duty				Heavy Duty			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0190C	146	50	100	150	118	40	75	100
EMX4i-0260C	176	60	125	150	144	50	100	150
EMX4i-0341C	233	75	150	200	185	60	150	150
EMX4i-0404C	306	100	250	300	246	75	200	250
EMX4i-0474C	354	125	250	350	336	125	250	350
EMX4i-0735C	480	200	400	500	382	150	300	400
EMX4i-0830C	576	200	450	600	431	150	350	450
EMX4i-1025C	722	300	600	700	590	200	500	600
EMX4i-1170C	864	350	700	900	722	300	600	700
EMX4i-1220C	966	400	800	1000	784	300	600	800

Externally Bypassed

Normal Duty

3.5 x FLC, 30s, 50oC

Heavy Duty

4.5 x FLC, 30s, 50oC

EMX4i	Normal Duty				Heavy Duty			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0735C	551	200	450	500	429	150	350	450
EMX4i-0830C	634	250	500	600	493	200	400	500
EMX4i-1025C	882	350	700	900	686	250	500	700
EMX4i-1170C	1100	450	900	1100	864	350	700	900
EMX4i-1220C	1320	500	1100	1300	1030	450	800	1000

EMX4i QUICK PICK

NEMA - 6 Wire Connection - 40oC

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Internally Bypassed

EMX4i	Normal Duty 3.5 x FLC, 30s, 40oC				Heavy Duty 4.5 x FLC, 30s, 40oC			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0024B	21	5	15	15	21	5	15	15
EMX4i-0042B	45	15	30	40	36	10	25	30
EMX4i-0052B	57	20	40	50	44	15	30	40
EMX4i-0064B	81	30	60	75	63	20	40	60
EMX4i-0069B	102	30	75	100	75	25	50	60
EMX4i-0105B	105	40	75	100	81	30	60	75
EMX4i-0115B	132	50	100	125	102	30	75	100
EMX4i-0135B	158	60	125	150	123	40	75	100
EMX4i-0184B	188	60	150	150	144	50	100	150
EMX4i-0200B	216	75	150	200	168	60	125	150
EMX4i-0229B	246	75	200	250	195	75	150	200
EMX4i-0250B	318	125	250	300	246	75	200	250
EMX4i-0352B	372	150	300	350	288	100	200	300
EMX4i-0397B	417	150	350	450	324	125	250	300
EMX4i-0410B	606	250	500	600	471	150	350	500
EMX4i-0550B	672	250	550	700	522	200	450	550
EMX4i-0580B	743	300	600	750	578	200	450	600
EMX4i-0835B	848	350	700	800	660	250	500	650
EMX4i-0940B	957	400	800	1000	744	300	600	700
EMX4i-1070B	1296	500	1000	1300	996	400	800	1000
EMX4i-1230B	1583	600	1300	1500	1265	500	1000	1300
EMX4i-1250B	1874	700	1500	1700	1457	600	1200	1500

Continuous Operation (no internal bypass)

EMX4i	Normal Duty 3.5 x FLC, 30s, 40oC, 50% Duty Cycle				Heavy Duty 4.5 x FLC, 30s, 40oC, 50% Duty Cycle			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0190C	242	75	200	250	192	75	150	200
EMX4i-0260C	302	100	250	300	242	75	200	250
EMX4i-0341C	375	150	300	350	302	100	250	300
EMX4i-0404C	497	200	400	500	399	150	300	400
EMX4i-0474C	612	250	500	600	566	200	450	500
EMX4i-0735C	803	300	600	800	632	250	500	600
EMX4i-0830C	908	350	700	900	720	250	600	700
EMX4i-1025C	1163	450	900	1200	927	350	700	900
EMX4i-1170C	1380	500	1100	1400	1110	450	900	1100
EMX4i-1220C	1566	600	1300	1500	1296	500	1000	1300

Externally Bypassed

EMX4i	Normal Duty 3.5 x FLC, 30s, 40oC				Heavy Duty 4.5 x FLC, 30s, 40oC			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0735C	932	350	700	900	725	300	600	700
EMX4i-0830C	1056	450	800	1100	816	300	600	800
EMX4i-1025C	1444	550	1100	1500	1103	400	900	1100
EMX4i-1170C	1767	700	1400	1600	1374	500	1100	1400
EMX4i-1220C	2105	800	1500	1900	1637	600	1300	1500

EMX4i QUICK PICK

NEMA - 6 Wire Connection - 50oC

For different operating conditions use WinSTART rating software

Internally Bypassed

EMX4i	Normal Duty 3.5 x FLC, 30s, 50oC				Heavy Duty 4.5 x FLC, 30s, 50oC			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0024B	26	7.5	15	20	21	5	15	15
EMX4i-0042B	42	15	30	40	33	10	20	30
EMX4i-0052B	51	15	30	40	42	15	30	40
EMX4i-0064B	78	25	60	75	60	20	40	50
EMX4i-0069B	87	30	60	75	68	25	50	60
EMX4i-0105B	116	40	75	100	78	25	60	75
EMX4i-0115B	122	40	75	100	98	30	75	100
EMX4i-0135B	149	50	100	150	116	40	75	100
EMX4i-0184B	186	60	150	150	144	50	100	150
EMX4i-0200B	195	75	150	200	156	60	125	150
EMX4i-0229B	234	75	150	200	186	60	150	150
EMX4i-0250B	291	100	200	300	234	75	150	200
EMX4i-0352B	360	150	300	350	270	100	200	250
EMX4i-0397B	390	150	300	400	303	100	250	300
EMX4i-0410B	566	200	450	500	453	150	350	450
EMX4i-0550B	621	250	500	600	479	200	400	500
EMX4i-0580B	716	250	600	700	542	200	450	550
EMX4i-0835B	773	300	600	800	621	250	500	600
EMX4i-0940B	885	350	700	900	720	250	600	750
EMX4i-1070B	1194	500	900	1100	929	350	700	900
EMX4i-1230B	1476	600	1200	1500	1152	450	900	1200
EMX4i-1250B	1695	700	1400	1600	1355	500	1100	1400

Continuous Operation (no internal bypass)

EMX4i	Normal Duty 3.5 x FLC, 30s, 50oC, 50% Duty Cycle				Heavy Duty 4.5 x FLC, 30s, 50oC, 50% Duty Cycle			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0190C	219	75	150	200	180	60	150	150
EMX4i-0260C	264	100	200	250	216	75	150	200
EMX4i-0341C	360	150	250	350	278	100	200	250
EMX4i-0404C	459	150	350	450	369	150	300	350
EMX4i-0474C	531	200	450	500	503	200	400	500
EMX4i-0735C	720	250	600	700	573	200	450	600
EMX4i-0830C	864	350	700	900	647	250	500	650
EMX4i-1025C	1083	450	900	1100	885	350	700	900
EMX4i-1170C	1296	500	1000	1300	1083	450	900	1100
EMX4i-1220C	1449	600	1200	1500	1176	500	950	1200

Externally Bypassed

EMX4i	Normal Duty 3.5 x FLC, 30s, 50oC				Heavy Duty 4.5 x FLC, 30s, 50oC			
	Current	Motor Power (HP)			Current	Motor Power (HP)		
	Amps	230V	460V	575V	Amps	230V	460V	575V
EMX4i-0735C	840	350	700	800	644	250	500	600
EMX4i-0830C	960	400	800	900	740	300	600	700
EMX4i-1025C	1323	500	1100	1300	1030	450	800	1000
EMX4i-1170C	1650	600	1300	1600	1284	500	1000	1300
EMX4i-1220C	1961	800	1500	1900	1524	600	1200	1500