

DB115220



With short circuit
protection

Contactor

Thermal relay

NSX160 to NS1250 circuit breakers, contactors and thermal relays

Direct-on-line starting

Reverser

"Iq" breaking performance: equal to the breaking capacity of the circuit breaker alone.

Starting⁽¹⁾: normal class 10.

Motors												Circuit breaker		(2) Contactors	Thermal relays (1)	
220/230 V		380 V		415 V		440 V (2)		500/525 V		660/690 V		Type	Rating (A)	Type	Type	I _{rth} (A)
P (kW)	I (A)	P (kW)	I (A)	P (kW)	I (A)	P (kW)	I (A)	P (kW)	I (A)	P (kW)	I (A)					
37	125	55	105	75	135	75	124	75	110	90	100	NSX160B/F/N/H/S/L MA	150	LC1-D150	LR9-D53 69	90/150
45	150	75	140					90	130	110	120			LC1-F150	LR9-F53 69	100/160
55	180	90	170	90	160	90	156	110	156			NSX250B/F/N/H/S/L MA	220	LC1-F185	LR9-F53 71	132/220
		110	210	110	200	132	215					NSX250B/F/N/H/S/L MA	220	LC1-F225	LR9-F53 71	132/220
								132	190	132	140	NSX250B/F/N/H/S/L MA	220	LC1-F265	LR9-F53 71	132/220
75	250	132	250	132	230	160	256	160	228			NSX400F/N/H/S/L Micrologic 1.3M	320	LC1-F265	LR9-F73 75	200/330
90	312	160	300	160	270			200	281	200	220	NSX400F/N/H/S/L Micrologic 1.3M	320	LC1-F330	LR9-F73 75	200/330
110	360	200	380	220	380	220	360	220	310			NSX630F/N/H/S/L Micrologic 1.3M	500	LC1-F400	LR9-F73 79	300/500
										250	270	NSX630F/N/H/S/L Micrologic 1.3M	500	LC1-F400	LR9-F73 75	200/330
		220	420			250	401			335	335	NSX630F/N/H/S/L Micrologic 1.3M	500	LC1-F500	LR9-F73 79	300/500
150	480	250	480	250	430			315	445			NSX630F/N/H/S/L Micrologic 1.3M	500	LC1-F500	LR9-F73 79	300/500
						300	480			375	400	NSX630F/N/H/S/L Micrologic 1.3M	500	LC1-F630	LR9-F73 81	380/630
										450	480					
160	520	300	570	300	510	335	540	355	500			NS800N/H-NS1000L Micrologic 5.0 - LR off	800	LC1-F630	LR9-F73 81	380/630
								375	530							
								400	570							
200	630	335	630	335	580	375	590	450	630			NS800N/H-NS1000L Micrologic 5.0 - LR off	800	LC1-F630	LR9-F73 81	380/630
													1000			
220	700	375	700	375	650	400	650					NS800N/H-NS1000L Micrologic 5.0 - LR off	800	LC1-F800	LR2-F83 83	500/800
													1000			
		400	750	400	690	450	720					NS800N/H-NS1000L Micrologic 5.0 - LR off	800	LC1-F800	LR2-F83 83	500/800
													1000	LC1-BL33		
										500	530	NS800N/H-NS1000L Micrologic 5.0 - LR off	800	LC1-BL33	LR2-F83 83	500/800
										560	580					
250	800	450	800	450	750			500	700			NS1000N/H Micrologic 5.0 - LR off	1000	LC1-BM33	LR2-F83 83	500/800
								560	760							
		500	900	500	830	500	800	600	830			NS1000N/H Micrologic 5.0 - LR off	1000	LC1-BM33	LR2-F83 85	630/1000
						560	900									
300	970	560	1000	560	920	600	960	670	920			NS1250N/H Micrologic 5.0 - LR off	1250	LC1-BP33	LR2-F83 85	630/1000
		600	1100	600	1000	670	1080	750	1020							

(1) For long starting (class 20), see the correspondence table for thermal relay.

(2) Reversers: replace LC1 by LC2.

Note: where more than one association is possible for a rated power, if the motor starting current is high or unknown, the highest association should be applied.