

FR-A800 SERIES INVERTERS

Pocket Reference Guide



Cross-Over Chart 200V (Assumes 'ND' Rating)

FR-A700	FR-A800	Notes
FR-A720-00030-NA	FR-A820-00046-E1N6	Stand-Alone UL-1
FR-A720-00050-NA	FR-A820-00077-E1N6	Stand-Alone UL-1
FR-A720-00080-NA	FR-A820-00105-E1N6	Stand-Alone UL-1
FR-A720-00110-NA	FR-A820-00167-E1N6	Stand-Alone UL-1
FR-A720-00175-NA	FR-A820-00250-E1N6	Stand-Alone UL-1
FR-A720-00240-NA	FR-A820-00340-E1N6	Stand-Alone UL-1
FR-A720-00330-NA	FR-A820-00490-E1N6	Stand-Alone UL-1
FR-A720-00460-NA	FR-A820-00630-E1N6	Stand-Alone UL-1
FR-A720-00610-NA	FR-A820-00770-E1N6	Stand-Alone UL-1
FR-A720-00760-NA	FR-A820-00930-E1N6	Stand-Alone UL-1
FR-A720-00900-NA	FR-A820-01250-E1N6	Stand-Alone UL-1
FR-A720-01150-NA	FR-A820-01540-E160	Chassis Type
FR-A720-01450-NA	FR-A820-01870-E160	Chassis Type
FR-A720-01750-NA	FR-A820-02330-E160	Chassis Type
FR-A720-02150-NA	FR-A820-03160-E160	Chassis Type
FR-A720-02880-NA	FR-A820-03800-E1U6 + FR-HEL-75K	Chassis Type
FR-A720-03460-NA	FR-A820-04750-E1U6 + FR-HEL-90K	Chassis Type

FR-A800 drive part numbers are based on 'SLD' rating.

FR-A820 Selection Chart

Model Number	AMPS For Duty				Horsepower For Duty (NEC)				Frame Size	Weight (lbs)
	SLD	LD	ND	HD	SLD	LD	ND	HD		
FR-A820-00046-E1N6	4.6	4.2	3	1.5	1	1	0.75	0.25	A	5.5
FR-A820-00077-E1N6	7.7	7	5	3	2	2	1	0.5	B	5.9
FR-A820-00105-E1N6	10.5	9.6	8	5	3	3	2	1	C	8.8
FR-A820-00167-E1N6	16.7	15.2	11	8	5	5	3	2	C	8.8
FR-A820-00250-E1N6	25	23	17.5	11	7.5	7.5	5	3	C	8.8
FR-A820-00340-E1N6	34	31	24	17.5	10	10	7.5	5	D	16.7
FR-A820-00490-E1N6	49	45	33	24	20	15	10	7.5	D	16.7
FR-A820-00630-E1N6	63	58	46	33	20	20	15	10	E	20.5
FR-A820-00770-E1N6	77	70.5	61	46	25	25	20	15	F	37.4
FR-A820-00930-E1N6	93	85	76	61	30	30	25	20	F	37.4
FR-A820-01250-E1N6	125	114	90	76	40	40	30	25	F	37.4
FR-A820-01540-E160	154	140	115	90	60	50	40	30	G	48.4
FR-A820-01870-E160	187	170	145	115	60	60	50/60	40	H	92.4
FR-A820-02330-E160	233	212	175	145	75	75	60	50	H	92.4
FR-A820-03160-E160 (*1)	316	288	215	175	125	100	75	60	K	118.8
FR-A820-03800-E1U6 (*1)	380	346	288	215	150	125	100	75	L	162.8
FR-A820-04750-E1U6 (*1)	475	432	346	288	150	150	125	100	L	162.8

1. Drives must be used together with FR-HEL DC Link Choke (sold separately).

FR-HEL DC Link Chokes (sold separately)

Model Number	SLD	LD	ND	HD
FR-A820-03160-E160	FR-HEL-90K	FR-HEL-75K	-	-
FR-A820-03800-E1U6	FR-HEL-110K	FR-HEL-90K	FR-HEL-75K	-
FR-A820-04750-E1U6	FR-HEL-110K	FR-HEL-110K	FR-HEL-90K	FR-HEL-75K

Key to Duty Codes

	Overload Rating		
	60s	3s	Ambient Temp.
SLD	110%	120%	40°C
LD	120%	150%	50°C
ND	150%	200%	50°C
HD	200%	250%	50°C

Cross-Over Chart 400V (Assumes 'ND' Rating)

FR-A700	FR-A800	Notes
FR-A740-00015-NA	FR-A840-00023-E1N6	Stand-Alone UL-1
FR-A740-00025-NA	FR-A840-00038-E1N6	Stand-Alone UL-1
FR-A740-00040-NA	FR-A840-00052-E1N6	Stand-Alone UL-1
FR-A740-00060-NA	FR-A840-00083-E1N6	Stand-Alone UL-1
FR-A740-00090-NA	FR-A840-00126-E1N6	Stand-Alone UL-1
FR-A740-00120-NA	FR-A840-00170-E1N6	Stand-Alone UL-1
FR-A740-00170-NA	FR-A840-00250-E1N6	Stand-Alone UL-1
FR-A740-00230-NA	FR-A840-00310-E1N6	Stand-Alone UL-1
FR-A740-00310-NA	FR-A840-00380-E1N6	Stand-Alone UL-1
FR-A740-00380-NA	FR-A840-00470-E1N6	Stand-Alone UL-1
FR-A740-00440-NA	FR-A840-00620-E1N6	Stand-Alone UL-1
FR-A740-00570-NA	FR-A840-00770-E160	Chassis Type
FR-A740-00710-NA	FR-A840-00930-E160	Chassis Type
FR-A740-00860-NA	FR-A840-01160-E160	Chassis Type
FR-A740-01100-NA	FR-A840-01800-E160	Chassis Type
FR-A740-01440-NA	FR-A840-02160-E1U6 + FR-HEL-H75K	Chassis Type
FR-A740-01800-NA	FR-A840-02600-E1U6 + FR-HEL-H90K	Chassis Type
FR-A740-02160-NA	FR-A840-03250-E1U6+ FR-HEL-H110K	Chassis Type
FR-A740-02600-NA	FR-A840-03610-E1U6 + FR-HEL-H132K	Chassis Type
FR-A740-03250-NA	FR-A840-04320-E1U6 + FR-HEL-H160K	Chassis Type
FR-A740-03610-NA	FR-A840-04810-E1U6 + FR-HEL-H185K	Chassis Type
FR-A740-04320-NA	FR-A840-05470-E1U6 + FR-HEL-H220K	Chassis Type
FR-A740-04810-NA	FR-A840-06100-E1U6 + FR-HEL-H250K	Chassis Type
FR-A740-05470-NA	FR-A840-06830-E1U6 + FR-HEL-H280K	Chassis Type
FR-A740-06100-NA	FR-A842-07700-E1U6 + FR-CC2-H315K-60	Combination
FR-A740-06830-NA	FR-A842-08660-E1U6 + FR-CC2-H355K-60	Combination
FR-A740-07700-NA	FR-A842-09620-E1U6 + FR-CC2-H400K-60	Combination
FR-A740-08660-NA	FR-A842-10940-E1U6 + FR-CC2-H450K-60	Combination
FR-A740-09620-NA	FR-A842-12120-E1U6 + FR-CC2-H500K-60	Combination

FR-A800 drive part numbers are based on 'SLD' rating.

FR-A840 Selection Chart

Model Number	AMPS For Duty				Horsepower For Duty (NEC)				Frame Size	Weight (lbs) (*)
	SLD	LD	ND	HD	SLD	LD	ND	HD		
FR-A840-00023-E1N6	2.3	2.1	1.5	0.8	1	1	0.5	0.25	C	8
FR-A840-00038-E1N6	3.8	3.5	2.5	1.5	2	2	1	0.5	C	8
FR-A840-00052-E1N6	5.2	4.8	4	2.5	3	3	2	1	C	8
FR-A840-00083-E1N6	8.3	7.6	6	4	5	5	3	2	C	9
FR-A840-00126-E1N6	12.6	11.5	9	6	7.5	7.5	5	3	C	9
FR-A840-00170-E1N6	17	16	12	9	10	10	7.5	5	D	17
FR-A840-00250-E1N6	25	23	17	12	15	15	10	7.5	D	17
FR-A840-00310-E1N6	31	29	23	17	20	20	15	10	E	20
FR-A840-00380-E1N6	38	35	31	23	25	25	20	15	E	20
FR-A840-00470-E1N6	47	43	38	31	30	30	25	20	F	37
FR-A840-00620-E1N6	62	57	44	38	40	40	30	25	F	37
FR-A840-00770-E160	77	70	57	44	60	50	40	30	G	51
FR-A840-00930-E160	93	85	71	57	60	60	50	40	H	90
FR-A840-01160-E160	116	106	86	71	75	75	60	50	H	90
FR-A840-01800-E160 (*)	180	144	110	86	150	100	75	60	H	95
FR-A840-02160-E1U6 (*)	216	180	144	110	150	150	100	75	J	114
FR-A840-02600-E1U6 (*)	260	216	180	144	200	150	150	100	J	121
FR-A840-03250-E1U6 (*)	325	260	216	180	250	200	150	150	L	156
FR-A840-03610-E1U6 (*)	361	325	260	216	300	250	200	150	L	172
FR-A840-04320-E1U6 (*)	432	361	325	260	350	300	250	200	M	257
FR-A840-04810-E1U6 (*)	481	432	361	325	400	350	300	250	M	257
FR-A840-05470-E1U6 (*)	547	481	432	361	450	400	350	300	N	365
FR-A840-06100-E1U6 (*)	610	547	481	432	500	450	400	350	N	365
FR-A840-06830-E1U6 (*)	683	610	547	481	550	500	450	400	N	365
FR-A842-07700-E1U6 + FR-CC2-H315K-60 (*)	-	-	610	547	-	-	500	450	P+R	821
FR-A842-08660-E1U6 + FR-CC2-H315K-60 (*)	-	-	-	610	-	-	-	500	P+R	821
FR-A842-07700-E1U6 + FR-CC2-H355K-60 (*)	-	683	-	-	-	550	-	-	P+R	827

1. For FR-A842 and FR-CC2 combinations, the weights are COMBINED.
2. FR-A842 drives are inverter stage only; use together with FR-CC2 rectifier stage. Maximum input and output current of FR-CC2 modules is the value shown.
3. Drives must be used together with FR-HEL DC Link Choke (sold separately).

FR-A840 Selection Chart (continued)

Model Number	AMPS For Duty				Horsepower For Duty (NEC)				Frame Size	Weight (lbs) (*1)
	SLD	LD	ND	HD	SLD	LD	ND	HD		
FR-A842-08660-E1U6 + FR-CC2-H355K-60 (*2)	-	-	683	-	-	-	550	-	P+R	827
FR-A842-09620-E1U6 + FR-CC2-H355K-60 (*2)	-	-	-	683	-	-	-	550	Q+R	1003
FR-A842-07700-E1U6 + FR-CC2-H400K-60 (*2)	770	-	-	-	650	-	-	-	P+S	979
FR-A842-08660-E1U6 + FR-CC2-H400K-60 (*2)	-	770	-	-	-	650	-	-	P+S	979
FR-A842-09620-E1U6 + FR-CC2-H400K-60 (*2)	-	-	770	-	-	-	650	-	Q+S	1155
FR-A842-10940-E1U6 + FR-CC2-H400K-60 (*2)	-	-	-	770	-	-	-	650	Q+S	1155
FR-A842-08660-E1U6 + FR-CC2-H450K-60 (*2)	866	-	-	-	700	-	-	-	P+S	986
FR-A842-09620-E1U6 + FR-CC2-H450K-60 (*2)	-	866	-	-	-	700	-	-	Q+S	1162
FR-A842-10940-E1U6 + FR-CC2-H450K-60 (*2)	-	-	866	-	-	-	700	-	Q+S	1162
FR-A842-12120-E1U6 + FR-CC2-H450K-60 (*2)	-	-	-	866	-	-	-	700	Q+S	1162
FR-A842-09620-E1U6 + FR-CC2-H500K-60 (*2)	962	-	-	-	800	-	-	-	Q+S	1168
FR-A842-10940-E1U6 + FR-CC2-H500K-60 (*2)	-	962	-	-	-	800	-	-	Q+S	1168
FR-A842-12120-E1U6 + FR-CC2-H500K-60 (*2)	-	-	962	-	-	-	800	-	Q+S	1168
FR-A842-10940-E1U6 + FR-CC2-H560K-60 (*2)	1094	-	-	-	900	-	-	-	Q+S	1179
FR-A842-12120-E1U6 + FR-CC2-H560K-60 (*2)	-	1094	-	-	-	900	-	-	Q+S	1179
FR-A842-12120-E1U6 + FR-CC2-H630K-60 (*2)	1212	-	-	-	1000	-	-	-	Q+S	1181

See notes at left.

FR-HEL DC Link Chokes (sold separately)

Model Number	SLD	LD	ND	HD
FR-A840-01800-E160	FR-HEL-H110K	FR-HEL-H75K	-	-
FR-A840-02160-E1U6	FR-HEL-H110K	FR-HEL-H90K	FR-HEL-H75K	FR-HEL-H75K
FR-A840-02600-E1U6	FR-HEL-H132K	FR-HEL-H110K	FR-HEL-H90K	FR-HEL-H90K
FR-A840-03250-E1U6	FR-HEL-H160K	FR-HEL-H132K	FR-HEL-H110K	FR-HEL-H110K
FR-A840-03610-E1U6	FR-HEL-H185K	FR-HEL-H160K	FR-HEL-H132K	FR-HEL-H132K
FR-A840-04320-E1U6	FR-HEL-H220K	FR-HEL-H185K	FR-HEL-H160K	FR-HEL-H160K
FR-A840-04810-E1U6	FR-HEL-H250K	FR-HEL-H220K	FR-HEL-H185K	FR-HEL-H185K
FR-A840-05470-E1U6	FR-HEL-H280K	FR-HEL-H250K	FR-HEL-H220K	FR-HEL-H220K
FR-A840-06100-E1U6	FR-HEL-H315K	FR-HEL-H280K	FR-HEL-H250K	FR-HEL-H250K
FR-A840-06830-E1U6	FR-HEL-H355K	FR-HEL-H315K	FR-HEL-H280K	FR-HEL-H280K

Cross-Over Chart 600V (Assumes 'ND' Rating)

FR-A700	FR-A800	Notes
FR-A760-00017-NA	FR-A860-00027-E1N6	Stand-Alone UL-1
FR-A760-00040-NA	FR-A860-00061-E1N6	Stand-Alone UL-1
FR-A760-00061-NA	FR-A860-00090-E1N6	Stand-Alone UL-1
FR-A760-00120-NA	FR-A860-00170-E1N6	Stand-Alone UL-1
FR-A760-00220-NA	FR-A860-00320-E1N6	Stand-Alone UL-1
FR-A760-00330-NA	FR-A860-00450-E1N6	Stand-Alone UL-1
FR-A760-00550-NA	FR-A860-00680-E160	Chassis Type
FR-A760-00840-NA	FR-A860-01080-E160	Chassis Type
FR-A760-01040-NA	FR-A860-01440-E160+ FR-HEL-C75K (*1)	Chassis Type
FR-A760-01310-NA	FR-A860-01670-E160+ FR-HEL-C90K (*1)	Chassis Type
FR-A760-01520-NA	FR-A860-02430-E160+ FR-HEL-C110K (*1)	Chassis Type
FR-A760-02210-NA	FR-A860-02890-E160+ FR-HEL-C132K (*1)	Chassis Type
FR-A760-02550-NA	FR-A860-03360-E160+ FR-HEL-C185K (*1)	Chassis Type
FR-A760-03040-NA	FR-A860-04420-E160+ FR-HEL-C220K (*1)	Chassis Type
FR-A760-04020-NA	FR-A862-05450-E160+ FR-CC2-C355K-60	Combination
FR-A760-04960-NA	FR-A862-06470-E160+ FR-CC2-C400K-60	Combination
FR-A760-06630-NA	FR-A862-08500-E160+ FR-CC2-C560K-60	Combination

1. FR-A800 drive part numbers are based on 'SLD' rating.

FR-A860 Selection Chart

Model Number	AMPS For Duty				Horsepower For Duty (NEC)				Frame Size	Weight (lbs)
	SLD	LD	ND	HD	SLD	LD	ND	HD		
FR-A860-00027-E1N6	2.7	2.5	1.7	1	2	1.5	1	0.5	C	11.7
FR-A860-00061-E1N6	6.1	5.6	4	2.7	5	3	3	2	C	12.8
FR-A860-00090-E1N6	9	8.2	6.1	4	7.5	5	5	3	C	12.8
FR-A860-00170-E1N6	17	16	12	9	15	10	10	7.5	D	15.4
FR-A860-00320-E1N6	32	27	22	16	30	25	20	10	E	19.8
FR-A860-00450-E1N6	45	41	33	24	40	40	30	20	F	37.4
FR-A860-00680-E160	68	62	55	41	60	60	50	40	H	79.2
FR-A860-01080-E160 (*1)	108	99	84	63	100	100	75	60	H	90.2
FR-A860-01440-E160 (*1)	144	131	104	84	150	125	100	75	J	114
FR-A860-01670-E160 (*1)	167	152	131	104	150	150	125	100	J	114
FR-A860-02430-E160 (*1)	243	221	152	131	250	200	150	125	J	121
FR-A860-02890-E160 (*1)	289	255	221	152	300	250	200	150	M	246
FR-A860-03360-E160 (*1)	336	304	255	202	350	300	250	200	M	253
FR-A860-04420-E160 (*1)	442	402	304	255	450	400	300	250	N	337
FR-A862-05450-E160 + FR-CC2-C355K-60 (*2)	545	496	402	304	550	500	400	300	P+R	810
FR-A862-06470-E160 + FR-CC2-C400K-60 (*2)	647	589	496	402	650	600	500	400	Q+S	920
FR-A862-08500-E160 + FR-CC2-C560K-60 (*2)	850	773	663	589	850	750	650	600	Q+S	1126

1. These drives are used with a DC Link Choke (sold separately) as shown.

2. FR-A862 drives are inverter stage only; use together with FR-CC2-C rectifier stage. Maximum input and output current of FR-CC2 modules is the value shown. COMBINED weight shown

FR-HEL DC Link Chokes (sold separately)

Model Number	SLD	LD	ND	HD
FR-A860-01080-E160	FR-HEL-C75K	FR-HEL-C75K	-	-
FR-A860-01440-E160	FR-HEL-C90K	FR-HEL-C90K	FR-HEL-C75K	-
FR-A860-01670-E160	FR-HEL-C110K	FR-HEL-C110K	FR-HEL-C90K	FR-HEL-C75K
FR-A860-02430-E160	FR-HEL-C185K	FR-HEL-C132K	FR-HEL-C110K	FR-HEL-C90K
FR-A860-02890-E160	FR-HEL-C220K	FR-HEL-C185K	FR-HEL-C185K	FR-HEL-C110K
FR-A860-03360-E160	FR-HEL-C280K	FR-HEL-C220K	FR-HEL-C185K	FR-HEL-C185K
FR-A860-04420-E160	FR-HEL-C280K	FR-HEL-C280K	FR-HEL-C220K	FR-HEL-C185K

Key to Duty Codes – FR-A860

	Overload Rating		Ambient Temperature by Frame Size (°C)		
	60s	3s	C	D-H	J-Q
SLD	110%	120%	30	40	40
LD	120%	150%	40	40	50
ND	150%	200%	40	40	50
HD	200%	250%	40	40	40

Dimensions of Required DC Link Chokes (sold separately)

Model Number	Height	Width	Depth	Weight (lbs)
	Dimensions inches (mm)			
FR-HEL-75K	13.39 (340)	5.91 (150)	7.87 (200)	37
FR-HEL-90K	13.39 (340)	5.91 (150)	7.87 (200)	42
FR-HEL-110K	15.75 (400)	6.89 (175)	7.87 (200)	44
FR-HEL-H75K	12.60 (320)	5.51 (140)	7.28 (185)	35
FR-HEL-H90K	13.39 (340)	5.91 (150)	7.48 (190)	44
FR-HEL-H110K	13.39 (340)	5.91 (150)	7.68 (195)	48
FR-HEL-H132K	15.94 (405)	6.89 (175)	7.87 (200)	57
FR-HEL-H160K	15.94 (405)	6.89 (175)	8.07 (205)	62
FR-HEL-H185K	15.94 (405)	6.89 (175)	9.45 (240)	64
FR-HEL-H220K	15.94 (405)	6.89 (175)	9.45 (240)	66
FR-HEL-H250K	17.32 (440)	7.48 (190)	9.84 (250)	77
FR-HEL-H280K	17.32 (440)	7.48 (190)	10.04 (255)	84
FR-HEL-H315K	19.5 (495)	8.3 (210)	9.8 (250)	92
FR-HEL-H355K	19.5 (495)	8.3 (210)	9.8 (250)	101
FR-HEL-C75K	12.6 (320)	5.5 (140)	7.3 (185)	35
FR-HEL-C90K	13.3 (340)	5.9 (150)	9.4 (240)	44
FR-HEL-C110K	13.3 (340)	5.9 (150)	9.4 (240)	51
FR-HEL-C132K	15.9 (405)	6.9 (175)	7.7 (195)	53
FR-HEL-C185K	15.9 (405)	6.9 (175)	9.4 (240)	70
FR-HEL-C220K	15.9 (405)	6.9 (175)	9.4 (240)	73
FR-HEL-C280K	17.3 (440)	7.5 (190)	9.8 (250)	88

Frame Dimensions 200V, 400V, 600V Drives

FR-A800-E Model Number	Frame Size	Height	Width	Depth
		Dimensions Inches (mm)		
FR-A820-00046 (N6)	A	12.2 (310) 10.24 (260) w/o conduit box	4.33 (110)	4.41 (112)
FR-A820-00077 (N6)	B	12.2 (310) 10.24 (260) w/o conduit box	4.33 (110)	5.00 (127)
FR-A820-00105, 00167, 00250 (N6) FR-A840-00023, 00038, 00052, 00083, 00126 (N6) FR-A860-00027, 00061, 00090 (N6)	C	"2.52 (318) 10.24 (260) w/o conduit box	5.91 (150)	5.59 (142)
FR-A820-00340, 00490 (N6) FR-A840-00170, 00250 (N6) FR-A860-00170 (N6)	D	12.76 (324) 10.24 (260) w/o conduit box	8.66 (220)	6.69 (170)
FR-A820-00630 (N6) FR-A840-00310, 00380 (N6) FR-A860-00320 (N6)	E	14.29 (363) 11.81 (300) w/o conduit box	8.66 (220)	7.48 (190)
FR-A820-00770, 00930, 01250 (N6) FR-A840-00470, 00620 (N6) FR-A860-00450 (N6)	F	20.37 (517) 15.75 (400) w/o conduit box	9.84 (250)	7.48 (190)
FR-A820-01540 FR-A840-00770	G	21.65 (550)	12.80 (325)	7.68 (195)
FR-A820-01870, 02330 FR-A840-00930, 01160, 01800 FR-A860-00680, 01080	H	21.65 (550)	17.13 (435)	9.84 (250)
FR-A840-02160, 02600 FR-A860-01440, 01670, 02430	J	24.41 (620)	18.31 (465)	11.81 (300)
FR-A820-03160	K	27.56 (700)	18.31 (465)	9.84 (250)
FR-A820-03800, 04750 FR-A840-03250, 03610	L	29.13 (740)	18.31 (465)	14.17 (360)
FR-A840-04320, 04810 FR-A860-02890, 03360	M	39.76 (1010)	19.61 (498)	14.96 (380)
FR-A840-05470, 06100, 06830 FR-A860-04420	N	39.76 (1010)	26.77 (680)	14.96 (380)
FR-A842-07700, 08660 FR-A862-05450	P	52.36 (1330)	21.26 (540)	17.32 (440)
FR-A842-09620, 10940, 12120 FR-A862-06470, 08500	Q	62.20 (1580)	26.77 (680)	17.32 (440)
FR-CC2 Model Number	Frame Size	Height	Width	Depth
		Dimensions Inches (mm)		
FR-CC2-H315K, H355K, C355K	R	52.36 (1330)	23.62 (600)	17.32 (440)
FR-CC2-H400K, H450H, H500K H560K, H630K, C400K, C560K	S	62.20 (1580)	23.62 (600)	17.32 (440)

Note: Code (N6) is for UL type 1 conduit box.

Peripheral Equipment Selection

Model Number	Contactor		Circuit Breaker	
	No DCL	With DCL	No DCL	With DCL
200 Volt				
FR-A820-00046-E1N6	S-T10	S-T10	NF50-SVFU3P5A	NF50-SVFU3P5A
FR-A820-00077-E1N6	S-T10	S-T10	NF50-SVFU3P10A	NF50-SVFU3P10A
FR-A820-00105-E1N6	S-T10	S-T10	NF50-SVFU3P15A	NF50-SVFU3P15A
FR-A820-00167-E1N6	S-T10	S-T10	NF50-SVFU3P20A	NF50-SVFU3P15A
FR-A820-00250-E1N6	S-T20, S-T21	S-T10	NF50-SVFU3P30A	NF50-SVFU3P30A
FR-A820-00340-E1N6	S-T25	S-T20, S-T21	NF50-SVFU3P50A	NF50-SVFU3P40A
FR-A820-00490-E1N6	S-T25	S-T25	NF125-SVU3P60A	NF50-SVFU3P50A
FR-A820-00630-E1N6	S-T35	S-T35	NF125-SVU3P75A	NF125-SVU3P75A
FR-A820-00770-E1N6	S-T50	S-T50	NF125-SVU3P125A	NF125-SVU3P100A
FR-A820-00930-E1N6	S-T65	S-T50	NF250-SVU3P150A	NF125-SVU3P125A
FR-A820-01250-E1N6	S-T80	S-T65	NF250-SVU3P175A	NF250-SVU3P150A
FR-A820-01540-E160	S-T100	S-T80	NF250-SVU3P225A	NF250-SVU3P175A
FR-A820-01870-E160	S-N150	S-N125	NF250-SVU3P250A	NF250-SVU3P225A
FR-A820-02330-E160	S-N180	S-N150	NF4SWU3300BB	NF4SWU3300BB
FR-A820-03160-E160	S-N220	S-N180	NF4SWU3400BB	NF4SWU3350BB
FR-A820-03800-E1U6	-	S-N300	-	NF4SWU3400BB
FR-A820-04750-E1U6	-	S-N300	-	NF4SWU3400BB
400 Volt				
FR-A840-00023-E1N6	S-T10	S-T10	NF100-HRU3P5A	NF100-HRU3P5A
FR-A840-00038-E1N6	S-T10	S-T10	NF100-HRU3P5A	NF100-HRU3P5A
FR-A840-00052-E1N6	S-T10	S-T10	NF100-HRU3P10A	NF100-HRU3P10A
FR-A840-00083-E1N6	S-T10	S-T10	NF100-HRU3P10A	NF100-HRU3P10A
FR-A840-00126-E1N6	S-T10	S-T10	NF125-SVU3P20A	NF125-SVU3P15A
FR-A840-00170-E1N6	S-T20, S-T21	S-T12	NF125-SVU3P30A	NF125-SVU3P20A
FR-A840-00250-E1N6	S-T20, S-T21	S-T20, S-T21	NF125-SVU3P30A	NF125-SVU3P30A
FR-A840-00310-E1N6	S-T20, S-T21	S-T20, S-T21	NF125-SVU3P50A	NF125-SVU3P40A
FR-A840-00380-E1N6	S-T25	S-T20, S-T21	NF125-SVU3P60A	NF125-SVU3P50A
FR-A840-00470-E1N6	S-T25	S-T25	NF125-SVU3P75A	NF125-SVU3P60A
FR-A840-00620-E1N6	S-T35	S-T25	NF125-SVU3P100A	NF125-SVU3P75A
FR-A840-00770-E160	S-T50	S-T50	NF125-SVU3P125A	NF125-SVU3P100A
FR-A840-00930-E160	S-T65	S-T65	NF250-SVU3P150A	NF125-SVU3P125A
FR-A840-01160-E160	S-T80	S-T80	NF250-SVU3P175A	NF250-SVU3P150A
FR-A840-01800-E160	S-T80	S-T100	NF250-SVU3P200A	NF250-SVU3P175A
FR-A840-02160-E1U6	-	S-N150	-	NF250-SVU3P225A

Peripheral Equipment Selection (continued)

Model Number	Contactor		Circuit Breaker	
	No DCL	With DCL	No DCL	With DCL
FR-A840-02600-E1U6	-	S-N180	-	NF250-SVU3P225A
FR-A840-03250-E1U6	-	S-N220	-	NF250-SVU3P225A
FR-A840-03610-E1U6	-	S-N300	-	NF4SWU3400BB
FR-A840-04320-E1U6	-	S-N300	-	NF4SWU3400BB
FR-A840-04810-E1U6	-	S-N300	-	NF4SWU3400BB
FR-A840-05470-E1U6	-	S-N400	-	NF6SWU3500BB
FR-A840-06100-E1U6	-	S-N600	-	NF6SWU3600BB
FR-A840-06830-E1U6	-	S-N600	-	NF6SWU3600BB
FR-A842-07700-E1U6 + FR-CC2-H315K-60	-	S-N600	-	700A Product
FR-A842-08660-E1U6 + FR-CC2-H315K-60	-	S-N600	-	700A Product
FR-A842-07700-E1U6+ FR-CC2-H355K-60	-	S-N600	-	800A Product
FR-A842-08660-E1U6 + FR-CC2-H355K-60	-	S-N600	-	800A Product
FR-A842-09620-E1U6 + FR-CC2-H355K-60	-	S-N600	-	800A Product
FR-A842-07700-E1U6 + FR-CC2-H400K-60	-	S-N800	-	900A Product
FR-A842-08660-E1U6 + FR-CC2-H400K-60	-	S-N800	-	900A Product
FR-A842-09620-E1U6 + FR-CC2-H400K-60	-	S-N800	-	900A Product
FR-A842-10940-E1U6 + FR-CC2-H400K-60	-	S-N800	-	900A Product
FR-A842-08660-E1U6 + FR-CC2-H450K-60	-	1000A Product	-	1000A Product
FR-A842-09620-E1U6 + FR-CC2-H450K-60	-	1000A Product	-	1000A Product
FR-A842-10940-E1U6 + FR-CC2-H450K-60	-	1000A Product	-	1000A Product
FR-A842-12120-E1U6 + FR-CC2-H450K-60	-	1000A Product	-	1000A Product
FR-A842-09620-E1U6 + FR-CC2-H500K-60	-	1000A Product	-	1200A Product
FR-A842-10940-E1U6 + FR-CC2-H500K-60	-	1000A Product	-	1200A Product
FR-A842-12120-E1U6 + FR-CC2-H500K-60	-	1000A Product	-	1200A Product
FR-A842-10940-E1U6 + FR-CC2-H560K-60	-	1200A Product	-	1200A Product
FR-A842-12120-E1U6 + FR-CC2-H560K-60	-	1200A Product	-	1200A Product
FR-A842-12120-E1U6 + FR-CC2-H630K-60	-	1250A Product	-	1250A Product
FR-A842-12120-E1U6 + FR-CC2-H630K-60	-	1250A Product	-	1250A Product

Peripheral Equipment Selection (continued)

Model Number	Contactor		Circuit Breaker	
	No DCL	With DCL	No DCL	With DCL
600 Volt				
FR-A860-00027-E1N6	S-T10	S-T10	NF100-HRU3P5A	NF100-HRU3P5A
FR-A860-00061-E1N6	S-T35	S-T35	NF125-SVU3P15A	NF100-HRU3P10A
FR-A860-00090-E1N6	S-T35	S-T35	NF125-SVU3P20A	NF100-HRU3P10A
FR-A860-00170-E1N6	S-T35	S-T35	NF125-SVU3P30A	NF125-SVU3P20A
FR-A860-00320-E1N6	S-T35	S-T35	NF125-SVU3P60A	NF125-SVU3P40A
FR-A860-00450-E1N6	S-T35	S-T35	NF125-SVU3P100A	NF125-SVU3P60A
FR-A860-00680-E160	S-T50	S-T50	NF125-SVU3P125A	NF125-SVU3P100A
FR-A860-01080-E160	S-T65	S-T65	NF250-SVU3P175A	NF125-SVU3P125A
FR-A860-01440-E160	-	S-T65	-	NF250-SVU3P175A
FR-A860-01670-E160	-	S-T80	-	NF250-SVU3P225A
FR-A860-02430-E160	-	S-T100	-	NF250-SVU3P250A
FR-A860-02890-E160	-	S-N150	-	NF4SWU3350BB
FR-A860-03360-E160	-	S-N180	-	NF4SWU3400BB
FR-A860-04420-E160	-	S-N300	-	NF6SWU3600BB
FR-A862-05450-E160 + FR-CC2-C355K-60	-	S-N400	-	NF6SWU3600BB
FR-A862-06470-E160 + FR-CC2-C400K-60	-	S-N600	-	800A Product
FR-A862-08500-E160 + FR-CC2-C560K-60	-	S-N800	-	1000A Product

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