General Options
General Accessories for all VFDs

Motor HP	Input / Output Reactors (*1)		Amps (Rated)	Motor FLA (NEC)	DC Link Choke (*2)	Input Circuit Breaker (UL489)	Input Contactor	Passive Harmonic Filter (*3)	Sine Wave Output Filter (*3)
	3%	5%							
208-230V									
0.25	MRL-00204	MRL-00201	2	1.3	DCA000204	NF50-SVFU3P5A	S-T10		-
0.50	MRL-00402	MRL-00403	4	2.2	DCA000402	NF50-SVFU3P5A	S-T10	-	-
1	MRL-00802	MRL-00803	8	4.2	DCA000902	NF50-SVFU3P10A	S-T10	-	-
2	MRL-00801	MRL-00802	8	6.8	DCA000802	NF50-SVFU3P15A	S-T10	-	-
3	MRL-01201	MRL-01202	12	9.6	DCA001802	NF50-SVFU3P20A	S-T10	-	-
5	MRL-01801	MRL-01802	18	15.2	DCA001802	NF50-SVFU3P30A	S-T20	-	-
7.5	MRL-02501	MRL-02502	25	22	DCA003201	NF50-SVFU3P50A	S-T20	-	-
10	MRL-03501	MRL-03502	35	28	DCA004002	NF125-SVU3P60A	S-T25	-	-
15	MRL-04501	MRL-04502	45	42	DCA005001	NF125-SVU3P75A	S-T35	-	-
20	MRL-05501	MRL-05502	55	54	DCA008002	NF125-SVU3P125A	S-T50	-	-
25	MRL-08001	MRL-08002	80	68	DCA011003	NF250-SVU3P150A	S-T65	-	-
30	MRL-10001	MRL-10002	100	80	DCA011003	NF250-SVU3P175A	S-T80	-	-
40	MRL-13001	MRL-13002	130	104	DCA012502	NF250-SVU3P225A	S-T100	-	-
50	MRL-16001	MRL-16002	160	130	DCA020002	NF250-SVU3P250A	S-N150	-	-
60	MRL-16001	MRL-16002	160	154	DCA020002	-	S-N180	-	-
75	MRL-20001B14	MRL-20002B14	200	192	240RB002	-	S-N200	-	-
100	MRL-25001B14	MRL-25002B14	250	248	STANDARD	-	S-N300	-	-
125	MRL-32001B14	MRL-32002B14	320	312	STANDARD	-	S-N300	-	-
150	MRL-40001B14	MRL-40002B14	400	360	STANDARD	-	S-N300	-	-
200	MRL-50001B14	MRL-50002	500	480	STANDARD	-	S-N400	-	-
460-480V									
0.25	MRL-00103	MRL-00102	1	0.7	DCA000204	NF100-HRU3P5A	S-T10	-	-
0.50	MRL-00104	MRL-00103	1	1.1	DCA000204	NF100-HRU3P5A	S-T10	-	SWGM0002D
1	MRL-00201	MRL-00202	2	2.1	DCA000402	NF100-HRU3P10A	S-T10	-	SWGM0003D
2	MRL-00402	MRL-00403	4	3.4	DCA000903	NF100-HRU3P10A	S-T10	MAPP0006D	SWGM0005D
3	MRL-00803	MRL-00804	8	4.8	DCA000903	NF125-SVU3P20A	S-T10	MAPP0008D	SWGM0009D
5	MRL-00802	MRL-00803	8	7.6	DCA001804	NF125-SVU3P30A	S-T20	MAPP0011D	SWGM0012D
7.5	MRL-01202	MRL-01203	12	11	DCA001803	NF125-SVU3P30A	S-T20	MAPP0014D	SWGM0017D
10	MRL-01802	MRL-01803	18	14	DCA002503	NF125-SVU3P50A	S-T20	MAPP0021D	SWGM0022D
15	MRL-02502	MRL-02503	25	21	DCA003202	NF125-SVU3P60A	S-T25	MAPP0027D	SWGM0027D
20	MRL-03502	MRL-03503	35	27	DCA004003	NF125-SVU3P75A	S-T25	MAPP0034D	SWGM0035D
25	MRL-03502	MRL-03503	35	34	DCA005004	NF125-SVU3P100A	S-T35	MAPP0044D	SWGM0045D
30	MRL-04502	MRL-04503	45	40	DCA008005	NF125-SVU3P125A	S-T50	MAPP0052D	SWGM0055D
40	MRL-05502	MRL-05503	55	52	DCA008005	NF250-SVU3P150A	S-T65	MAPP0066D	SWGM0065D
50	MRL-08002	MRL-08003	80	65	DCA009202	NF250-SVU3P175A	S-T80	MAPP0083D	SWGM0080D
60	MRL-08002	MRL-08003	80	77	125RB003	NF250-SVU3P200A	S-T80	MAPP0103D	SWGM0110D
75	MRL-10002	MRL-10003	100	96	STANDARD	NF250-SVU3P225A	S-T100	MAPP0128D	SWGM0130D
100	MRL-13002	MRL-13003	130	124	STANDARD	NF250-SVU3P225A	S-N150	MAPP0165D	SWGM0160D
125	MRL-16002	MRL-16003	160	156	STANDARD	NF250-SVU3P225A	S-N180	MAPP0208D	SWGM0200D
150	MRL-20002B14	MRL-20003B14	200	180	STANDARD	-	S-N220	MAPP0240D	SWGM0250D
200	MRL-25002B14	MRL-25003B14	250	240	STANDARD	-	S-N300	MAPP0320D	SWGM0305D
250	MRL-32002B14	MRL-32003B14	320	302	STANDARD	-	S-N300	MAPP0403D	SWGM0365D
300	MRL-40002B14	MRL-40003B14	400	361	STANDARD	-	S-N400	MAPP0482D	SWGM0415D
350	MRL-50002	MRL-50003	500	414	STANDARD	-	S-N600	MAPP0482D	SWGM0515D
400	MRL-50002	MRL-50002	500	477	STANDARD	-	S-N600	MAPP0636D	SWGM0515D
450	MRL-60002	MRL-60003	600	515	STANDARD	-	S-N600	MAPP0636D	SWGM0600D
500	MRL-60002	MRL-60003	600	590	STANDARD	-	S-N600	MAPP0786D	SWGM0720D
600	MRL-75002	MRL-75003	750	708	STANDARD	-	S-N800	MAPP0786D	SWGM0720D
700	MRL-85002B14	MRL-85003B14	850	840	STANDARD	-	-	MAPP0850D	-
800	MRL-100002B14	MRL-100003B14	1000	960	STANDARD	-	-	MAPP1000D	-
900	MRL-120002B14	MRL-120003B14	1200	1050	STANDARD	-	-	-	-
1000	MRL-120002B14	MRL-120003B14	1200	1160	STANDARD	-	-	-	-

Notes:
1. Model numbers for input reactors are for OPEN types. Change the second from last digit to a '1' for NEMA 1 types (e.g. MRL-00201 becomes MRL-00211)
2. DC Link chokes are OPEN type and at least 3% inductance.
3. Model numbers for passive and sine wave filters are for OPEN types. Change the 4th character to a 'G' for NEMA 2 enclosures (e.g. MAPP0006D becomes MAPG0006D, SWGM0009D becomes SWGG0009D)

General Accessories for all VFDs

Motor HP	Input / Output Reactors (*1)		Amps (Rated)	Motor FLA (NEC)	DC Link Choke (*2)	Input Circuit Breaker (UL489)	Input Contactor	Passive Harmonic Filter (*3)	Sine Wave Output Filter (*3)
	3%	5%							
600V									
1	MRL-00202	MRL-00203	2	1.7	DCA000204	-	S-T10	-	-
2	MRL-00403	MRL-00404	4	2.7	-	-	-	-	-
3	MRL-00402	MRL-00404	4	3.9	DCA000904	NF125-HVU3P15A	S-T20	-	-
5	MRL-00803	MRL-00804	8	6.1	DCA000904	NF125-HVU3P20A	S-T20	-	-
7.5	MRL-01202	MRL-01203	12	9	-	-	-	-	-
10	MRL-01202	MRL-01203	12	11	DCA001803	NF125-HVU3P30A	S-T20	-	-
15	MRL-01802	MRL-01803	18	17	-	-	-	-	-
20	MRL-02502	MRL-02503	25	22	DCA003203	NF125-HVU3P60A	S-T25	-	-
25	MRL-02502	MRL-02503	25	27	-	-	-	-	-
30	MRL-03502	MRL-03503	35	32	DCA004003	NF125-HVU3P100A	S-T25	-	-
40	MRL-04502	MRL-04503	45	41	-	-	-	-	-
50	MRL-05502	MRL-05503	55	52	DCA008005	NF125-HVU3P125A	S-T50	-	-
60	MRL-08002	MRL-08003	80	62	-	-	-	-	-
75	MRL-08002	MRL-08003	80	77	DCA009203	NF250-HVU3P175A	S-T65	-	-
100	MRL-10002	MRL-10003	100	99	STANDARD	NF250-HVU3P175A	S-T65	-	-
125	MRL-13002	MRL-13004	130	125	STANDARD	NF250-HVU3P225A	S-T80	-	-
150	MRL-16002	MRL-16003	160	144	STANDARD	NF250-HVU3P250A	S-N125	-	-
200	MRL-20002B14	MRL-20003B14	200	192	STANDARD	NF4SWU3350BB	S-N150	-	-
250	MRL-25002B14	MRL-25003B14	250	242	STANDARD	-	-	-	-
300	MRL-32002B14	MRL-32003B14	320	289	STANDARD	NF4SWU3400BB	S-N180	-	-
350	MRL-40002B14	MRL-40003B14	400	336	STANDARD	NF6SWU3600BB	S-N300	-	-
400	MRL-40002B14	MRL-40003B14	400	382	STANDARD	-	-	-	-
450	MRL-50002	MRL-50003	500	412	STANDARD	NF6SWU3600BB	S-N400	-	-
500	MRL-50002	MRL-50003	500	472	STANDARD	-	-	-	-
550	MRL-60002	MRL-60003	-	-	STANDARD	-	S-N600	-	-
600	MRL-60002	MRL-60003	600	576	STANDARD	-	-	-	-
700	MRL-75002	MRL-75003	750	672	STANDARD	-	S-N600	-	-

Notes:
1. Model numbers for input reactors are for OPEN types. Change the second from last digit to a '1' for NEMA 1 types (e.g. MRL-00201 becomes MRL-00211)
2. DC Link chokes are OPEN type and at least 3% inductance.
3. Model numbers for passive and sine wave filters are for OPEN types. Change the 4th character to a 'G' for NEMA 2 enclosures (e.g. MAPP0006D becomes MAPG0006D, SWGM0009D becomes SWGG0009D)

Line / Load Reactor Electrical Data

Model Number	Watts Loss	Wire Range (AWG)	Terminal Torque (in / lbs)	Ind. mH	Fund Amps	Max Amps
MRL-00201	8	22 14	4.5	12	2	3
MRL-00202	12	22 14	4.5	20	2	3
MRL-00203	16	22 14	4.5	32	2	3
MRL-00204	11	22 14	4.5	6	2	3
MRL-00401	15	22 14	4.5	3	4	6
MRL-00402	20	22 14	4.5	6.5	4	6
MRL-00403	20	22 14	4.5	9	4	6
MRL-00404	21	22 14	4.5	12	4	6
MRL-00801	20	22 14	4.5	1.5	8	12
MRL-00802	29	22 14	4.5	3	8	12
MRL-00803	26	22 14	4.5	5	8	12
MRL-00804	28	22 14	4.5	7.5	8	12
MRL-01201	26	22 5	16	1.25	12	18
MRL-01202	31	22 5	16	2.5	12	18
MRL-01203	41	22 5	16	4.2	12	18
MRL-01801	36	22 5	16	0.8	18	27
MRL-01802	43	22 5	16	1.5	18	27
MRL-01803	43	22 5	16	2.5	18	27
MRL-02501	48	22 5	16	0.5	25	37.5
MRL-02502	52	22 5	16	1.2	25	37.5
MRL-02503	61	22 5	16	1.8	25	37.5
MRL-03501	49	22 5	16	0.4	35	52.5
MRL-03502	54	22 5	16	0.8	35	52.5
MRL-03503	54	18 4	20	1.2	35	52.5
MRL-04501	54	18 4	20	0.3	45	67.5
MRL-04502	62	18 4	20	0.7	45	67.5
MRL-04503	65	18 4	20	1.2	45	67.5
MRL-05501	64	6 0	6-4(45) & 2-0(50)	0.25	55	82.5
MRL-05502	67	6 0	6-4(45) & 2-0(50)	0.5	55	82.5
MRL-05503	71	6 0	6-4(45) & 2-0(50)	0.85	55	82.5
MRL-08001	82	6 0	6-4(45) & 2-0(50)	0.2	80	120
MRL-08002	86	6 0	6-4(45) & 2-0(50)	0.4	80	120
MRL-08003	96	6 0	6-4(45) & 2-0(50)	0.7	80	120
MRL-10001	94	6 0	6-4(45) & 2-0(50)	0.15	100	150
MRL-10002	84	6 0	6-4(45) & 2-0(50)	0.3	100	150
MRL-10003	108	6 0	6-4(45) & 2-0(50)	0.45	100	150
MRL-13001	108	2 0000	150	0.1	130	195
MRL-13002	180	2 0000	150	0.2	130	195
MRL-13003	128	2 0000	150	0.3	130	195
MRL-16001	116	2 0000	150	0.075	160	240
MRL-16002	149	2 0000	150	0.15	160	240
MRL-16003	138	2 0000	150	0.23	160	240
MRL-20001B14	124	Copper tab	Not Applicable	0.055	200	300
MRL-20002B14	168	Copper tab	Not Applicable	0.11	200	300
MRL-20003B14	146	Copper tab	Not Applicable	0.185	200	300
MRL-25001B14	154	Copper tab	Not Applicable	0.045	250	375
MRL-25002B14	231	Copper tab	Not Applicable	0.09	250	375
MRL-25003B14	219	Copper tab	Not Applicable	0.15	250	375
MRL-32001B14	224	Copper tab	Not Applicable	0.04	320	480
MRL-32002B14	264	Copper tab	Not Applicable	0.075	320	480
MRL-32003B14	351	Copper tab	Not Applicable	0.125	320	480
MRL-40001B14	231	Copper tab	Not Applicable	0.03	400	600
MRL-40002B14	333	Copper tab	Not Applicable	0.06	400	600
MRL-40003B14	293	Copper tab	Not Applicable	0.105	400	600
MRL-50001	266	Copper tab	Not Applicable	0.025	500	750
MRL-50002	340	Copper tab	Not Applicable	0.05	500	750
MRL-50003	422	Copper tab	Not Applicable	0.085	500	750
MRL-60001	307	Copper tab	Not Applicable	0.02	600	900
MRL-60002	414	Copper tab	Not Applicable	0.04	600	900
MRL-60003	406	Copper tab	Not Applicable	0.065	600	900
MRL-75001	427	Copper tab	Not Applicable	0.015	750	1125
MRL-75002	630	Copper tab	Not Applicable	0.029	750	1125
MRL-75003	552	Copper tab	Not Applicable	0.048	750	1125
MRL-85001	798	Copper tab	Not Applicable	0.015	850	1063
MRL-85002	930	Copper tab	Not Applicable	0.027	850	1063
MRL-85003	1133	Copper tab	Not Applicable	0.042	850	1063
MRL-90001	860	Copper tab	Not Applicable	0.013	900	1125
MRL-90002	1020	Copper tab	Not Applicable	0.025	900	1125
MRL-90003	1365	Copper tab	Not Applicable	0.04	900	1125
MRL-100001	940	Copper tab	Not Applicable	0.011	1000	1250
MRL-100002	1090	Copper tab	Not Applicable	0.022	1000	1250
MRL-100003	1500	Copper tab	Not Applicable	0.038	1000	1250

For additional information visit http://www.mtecorp.com/lineload.html

DC Choke Electrical Data

Model No.	DC Amps	mH	Watts	Lug Size	Torque	Unit Weight (lbs)
DCA000204	2	50	5	22-14	4.5	2
DCA000402	4	12	5	22-14	4.5	2
DCA000403	4	15	6	22-14	4.5	2
DCA000404	4	25	9	18-4	20	4
DCA000902	9	3.22	7	22-14	4.5	2
DCA000903	9	7.5	11	18-4	20	4
DCA000904	9	11.5	16	18-4	20	7
DCA001201	12	1	5	22-14	4.5	1
DCA001202	12	1	7	18-4	20	2
DCA001203	12	4	11	18-4	20	4
DCA001204	12	6	14	18-4	20	7
DCA001801	18	0.65	5	18-4	20	2
DCA001802	18	1.375	9	18-4	20	4
DCA001803	18	2.75	16	18-4	20	7
DCA001804	18	3.75	17	18-4	20	8
DCA001805	18	6	20	18-4	20	13
DCA002503	25	1.275	13	18-4	20	7
DCA002504	25	1.75	13	18-4	20	5
DCA002505	25	4	16	18-4	20	13
DCA003201	32	0.85	11	18-4	20	5
DCA003202	32	1.62	14	18-4	20	10
DCA003203	32	2.68	21	18-4	20	14
DCA004001	40	0.5	14	18-4	20	5
DCA004002	40	0.75	15	18-4	20	7
DCA004003	40	1	17	18-4	20	8
DCA004004	40	2	29	18-4	20	21
DCA005001	50	0.625	18	18-4	20	8
DCA005003	50	1.35	21	18-4	20	15
DCA005004	50	2	30	6-0	6-4(45) & 2-0	25
DCA006201	62	0.32	17	6-0	6-4(45) & 2-0	8
DCA006202	62	0.61	20	6-0	6-4(45) & 2-0	14
DCA008002	80	0.4	25	6-0	6-4(45) & 2-0(50)	14
DCA008005	80	1.25	25	6-0	6-4(45) & 2-0(50)	35
DCA009201	92	0.2	19	6-0	6-4(45) & 2-0(50)	10
DCA009202	92	0.6	34	6-0	6-4(45) & 2-0(50)	23
DCA009203	92	1	48	6-0	6-4(45) & 2-0(50)	32
DCA011002	110	0.3	38	6-0	6-4(45) & 2-0(50)	22
DCA011003	110	0.45	45	6-0	6-4(45) & 2-0(50)	22
DCA012502	125	0.22	27	6-0	6-4(45) & 2-0(50)	23
DCA015002	150	0.22	36	2-0000	150	23
DCA015004	150	0.65	66	2-0000	150	52
DCA020002	200	0.21	50	2-0000	150	39
240RB002	240	0.25	102	00-500 mcm	375	67

For additional information, visit http://www.mtecorp.com/dclink.html