

Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 20 - 230 Vac, 3-Phase, 50/60Hz Input

IP 55/66 - 230 Vac, 3-Phase, 50/60Hz Input

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive											
				1	2	3	5	7.5	10	15	20	25	30	40	50
Main Control Card															
6KAF61151	Control Card	-	-	1	1	1	1	1	1	1	1	1	1	1	1
Keypad															
KYPDACGP1	Replacement Graphical Keypad	-	-	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61007	Frame w/o option A or B	12/13/23	-	1	1	1	1	1	1	1					
6KAF61008	Frame w option A or B	12/13/23	-	1	1	1	1	1	1	1					
6KAF60284	Frame	24/33/34	-								1	1	1	1	1
6KAF63414	Frame	15/21/22/31/32	-	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61011	Terminal cover w/o option A or B	12/13	-	1	1	1	1								
6KAF61012	Terminal cover w option A or B	12/13	-	1	1	1	1								
6KAF61411	Terminal cover w/o option A or B	23	-					1	1	1					
6KAF61410	Terminal cover w option A or B	23	-					1	1	1					
Power Card															
6KAF61801	Power Card	21	-					1							
6KAF61802	Power Card	21	-						1						
6KAF61803	Power Card	21	-							1					
6KAF61805	Power Card	22	-								1				
6KAF61807	Power Card	31	-									1			
6KAF61808	Power Card	31	-										1		
6KAF61809	Power Card	31	-											1	
6KAF61810	Power Card	32	-												1
6KAF61811	Power Card	32	-												1
6KAF61901	Power Card	23	-					1							
6KAF61902	Power Card	23	-						1						
6KAF61903	Power Card	23	-							1					
6KAF61906	Power Card	24	-								1				
6KAF61907	Power Card	24	-									1			
6KAF61916	Power Card	33	-										1		
6KAF61917	Power Card	33	-											1	
6KAF61918	Power Card	34	-												1
6KAF61919	Power Card	34	-												1
6KAF61806	Switch Mode Power Supply	22	-									1			
Inverter IGBTs															
6KAF61884	Dual IGBT Module	31/33	150A									3	3		
6KAF61885	Dual IGBT Module	31/33	200A											3	
6KAF61886	Dual IGBT Module	32/34	300A												3
Brake IGBT															
6KAF61884	Dual IGBT Module	31/33	150A									1	1	1	
6KAF61400	Dual IGBT Module	32/34	200A												1
6KAF61886	Dual IGBT Module	32/34	300A												1
Rectifiers															
6KAF61887	Thyristor Module	31/33	180A									3	3	3	
6KAF61888	Thyristor Module	32/34	240A												3
RFI Filters															
6KAF63378	RFI Filter (class A2)	21	-					1	1	1					
6KAF63381	RFI Filter (class A2)	22	-								1				
6KAF63427	RFI Filter (class A2)	31	-									1	1	1	
6KAF63377	RFI Filter (class A1/B)	21	-					1	1	1					
6KAF63380	RFI Filter (class A1/B)	22	-								1				
6KAF63425	RFI Filter (class A1/B)	31	-									1	1	1	
6KAF63422	RFI Filter (class A1/B)	32	-												1
6KAF61412	RFI Filter (class A1/B)	23	-					1	1	1					
6KAF61416	RFI Filter (class A1/B)	24	-								1	1			
6KAF61419	RFI Filter (class A1/B)	33	-										1	1	
6KAF61420	RFI Filter (class A1/B)	34	-												1
Current Transducers															
6KAF61896	Current Transducer Card	31/33	-									1	1	1	
6KAF61895	Current Transducer Card	32/34	-												1
DC Link															
6KAF65160	DC Capacitors	31	3700uF									2			
6KAF65159	DC Capacitors	31	4500uF										2		
6KAF65158	DC Capacitors	31	5300uF											2	
6KAF65157	DC Capacitors	32	3700uF												2
6KAF65156	DC Capacitors	32	4500uF												2
6KAF61423	DC Capacitors	33/34	4500uF									2	2	2	2
6KAF61060	DC Link Reactors	21	780mH					1	1						
6KAF61062	DC Link Reactors	22	490mH							1					
6KAF61063	DC Link Reactors	22	410mH								1				
6KAF61035	DC Link Reactors	31	300mH									1			
6KAF61036	DC Link Reactors	31	260mH										1		
6KAF61037	DC Link Reactors	31	200mH											1	
6KAF61038	DC Link Reactors	32	170mH												1
6KAF61039	DC Link Reactors	32	100mH												1
6KAF61950	DC Link Assembly	24	-									1			
6KAF61951	DC Link Assembly	24	-										1		



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 20 - 230 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 230 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive												
				1	2	3	5	7.5	10	15	20	25	30	40	50	60
Fans																
6KAF61009	Fan Assembly	12	-	1	1	1										
6KAF61010	Fan Assembly	13	-				1									
6KAF61017	Fan Assembly	15	-	1	1	1	1									
6KAF63563	External Fan (IP20)	23	12W					1	1	1						
6KAF63699	External Fan (IP20)	24	12W								1					
6KAF64292	External Fan (IP20)	33	12W									2	2	2		
6KAF64294	External Fan (IP20)	34	18W												2	2
6KAF63407	External Fan (IP55)	21	22W					1	1	1						
6KAF63406	External Fan (IP55)	22	22W								1					
6KAF63865	External Fan (IP55)	31	26W									1	1	1		
6KAF63867	External Fan (IP55)	32	22W												1	1
6KAF63440	Internal Fan	21/23	5.8W					1	1	1						
6KAF63441	Internal Fan	22/24	5.8W								1	1				
6KAF63923	Internal Fan	31/32/33/34	5.8W									1	1	1	1	1
Accessory Bags																
6KAF61022	Connectors Accessory Bag	12/13	-	1	1	1	1									
6KAF61023	Connectors Accessory Bag	15	-	1	1	1	1									
6KAF62060	Connectors Accessory Bag	21	-					1	1	1						
6KAF62061	Connectors Accessory Bag	22	-								1					
6KAF60980	Connectors Accessory Bag	23	-					1	1	1						
6KAF61300	Connectors Accessory Bag	24	-								1	1				
6KAF60046	Connectors Accessory Bag	31	-									1	1	1		
6KAF60047	Connectors Accessory Bag	32	-												1	1
6KAF60981	Connectors Accessory Bag	33	-										1	1		
6KAF60982	Connectors Accessory Bag	34	-												1	
6KAF60983	Connectors Accessory Bag	34	-													1
6KAF60633	Brake and Load Sharing Connectors Bag	12/13/15	-	1	1	1	1									

IP 20 - 460 Vac, 3-Phase, 50/60Hz Input

IP 55/66 - 460 Vac, 3-Phase, 50/60Hz Input

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive															
				1	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125
Main Control Card																			
6KAF61151	Control Card	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Keypad																			
KYPDACGP1	Replacement Graphical Keypad	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6KAF61007	Frame w/o option A or B	12/13/23	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6KAF61008	Frame w option A or B	12/13/23	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6KAF60284	Frame	24/33/34	-									1	1	1	1	1	1	1	
6KAF63414	Frame	15/21/22/31/32	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6KAF61011	Terminal cover w/o option A or B	12/13	-	1	1	1	1	1	1										
6KAF61012	Terminal cover w option A or B	12/13	-	1	1	1	1	1	1										
6KAF61411	Terminal cover	23	-							1	1	1							
6KAF61410	Terminal cover	23	-							1	1	1							
Power Card																			
6KAF61820	Power Card	21	-							1									
6KAF61821	Power Card	21	-								1								
6KAF61822	Power Card	21	-									1							
6KAF61823	Power Card	22	-										1						
6KAF61825	Power Card	22	-											1					
6KAF61827	Power Card	31	-												1				
6KAF61828	Power Card	31	-													1			
6KAF61829	Power Card	31	-														1		
6KAF61830	Power Card	32	-															1	
6KAF61831	Power Card	32	-															1	
6KAF61920	Power Card	23	-							1									
6KAF61921	Power Card	23	-								1								
6KAF61922	Power Card	23	-									1							
6KAF61924	Power Card	24	-										1						
6KAF61926	Power Card	24	-											1					
6KAF61927	Power Card	24	-												1				
6KAF61936	Power Card	33	-													1			
6KAF61937	Power Card	33	-														1		
6KAF61938	Power Card	34	-															1	
6KAF61939	Power Card	34	-															1	
6KAF61824	Switch Mode Power Supply	22	-										1						
6KAF61826	Switch Mode Power Supply	22	-											1					



Drives

AF-600FP™ Fan and Pump Drive Replacement Parts

Section 15

IP 20 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive														
				1	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100
Inverter IGBTs																		
6KAF61884	Dual IGBT Module	31/33	150A												3	3		
6KAF61885	Dual IGBT Module	31/33	200A														3	
6KAF61886	Dual IGBT Module	32/34	300A															3 3
Brake IGBT																		
6KAF61884	Dual IGBT Module	31/33	150A											1	1	1		
6KAF61400	Dual IGBT Module	32/34	200A														1	
6KAF61886	Dual IGBT Module	32/34	300A															1
Rectifiers																		
6KAF61887	Thyristor Module	31/33	180A													3	3	3
6KAF61888	Thyristor Module	32/34	240A															3 3
RFI Filters																		
6KAF63378	RFI Filter (class A2)	21	-							1	1	1						
6KAF63381	RFI Filter (class A2)	22	-										1	1				
6KAF63427	RFI Filter (class A2)	31	-												1	1	1	
6KAF63377	RFI Filter (class A1/B)	21	-							1	1	1						
6KAF63380	RFI Filter (class A1/B)	22	-										1	1				
6KAF63425	RFI Filter (class A1/B)	31	-												1	1	1	
6KAF63422	RFI Filter (class A1/B)	32	-															1 1
6KAF61412	RFI Filter (class A1/B)	23	-							1	1	1						
6KAF61416	RFI Filter (class A1/B)	24	-										1	1	1			
6KAF61419	RFI Filter (class A1/B)	33	-													1	1	
6KAF61420	RFI Filter (class A1/B)	34	-															1 1
Current Transducers																		
6KAF61894	Current Transducer Card	31/33	-												1	1	1	
6KAF61897	Current Transducer Card	32/34	-															1 1
DC Link																		
6KAF65160	DC Capacitors	31/32	3700uF													2		
6KAF65159	DC Capacitors	31/32	4500uF														2	
6KAF65158	DC Capacitors	31/32	5300uF															2
6KAF65157	DC Capacitors	31/32	3700uF															2
6KAF65156	DC Capacitors	31/32	4500uF															2
6KAF61421	DC Capacitors	33/34	5300uF															2
6KAF61422	DC Capacitors	33/34	3700uF															2
6KAF61423	DC Capacitors	33/34	4500uF															2
6KAF61060	DC Link Reactors	21	780mH							1	1							
6KAF61061	DC Link Reactors	21	580mH									1						
6KAF61062	DC Link Reactors	22	490mH										1					
6KAF61063	DC Link Reactors	22	410mH											1				
6KAF61035	DC Link Reactors	31	300mH												1			
6KAF61036	DC Link Reactors	31	260mH													1		
6KAF61037	DC Link Reactors	31	200mH														1	
6KAF61038	DC Link Reactors	32	170mH															1
6KAF61039	DC Link Reactors	32	100mH															1
6KAF61954	DC Link Assembly	24	-													1		
6KAF61955	DC Link Assembly	24	-														1	1
Fans																		
6KAF61009	Fan Assembly	12	-			1	1	1	1									
6KAF61010	Fan Assembly	13	-						1	1								
6KAF61017	Fan Assembly	15	-			1	1	1	1	1	1							
6KAF63563	External Fan (IP20)	23	12W										1	1	1			
6KAF63699	External Fan (IP20)	24	12W												1	1	1	
6KAF64292	External Fan (IP20)	33	12W														2	2
6KAF64294	External Fan (IP20)	34	18W															2 2
6KAF63407	External Fan (IP55)	21	22W										1	1	1			
6KAF63406	External Fan (IP55)	22	22W												1	1		
6KAF63865	External Fan (IP55)	31	26W													1	1	1
6KAF63867	External Fan (IP55)	32	22W															1 1
6KAF63440	Internal Fan	21/23	5.8W										1	1	1			
6KAF63441	Internal Fan	22/24	5.8W												1	1	1	
6KAF63923	Internal Fan	31/32/33/34	5.8W													1	1	1 1 1 1 1
Accessory Bags																		
6KAF61022	Connectors Accessory Bag	12/13	-			1	1	1	1	1	1							
6KAF61023	Connectors Accessory Bag	15	-			1	1	1	1	1	1							
6KAF62060	Connectors Accessory Bag	21	-										1	1	1			
6KAF62061	Connectors Accessory Bag	22	-												1	1		
6KAF60980	Connectors Accessory Bag	23	-										1	1	1			
6KAF61300	Connectors Accessory Bag	24	-												1	1	1	
6KAF60046	Connectors Accessory Bag	31	-													1	1	1
6KAF60047	Connectors Accessory Bag	32	-															1 1
6KAF60981	Connectors Accessory Bag	33	-														1	1
6KAF60982	Connectors Accessory Bag	34	-															1
6KAF60983	Connectors Accessory Bag	34	-															
6KAF60633	Brake and Load Sharing Connectors Bag	12/13/15	-			1	1	1	1	1	1							



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 20 - 575 Vac, 3-Phase, 50/60Hz Input

IP 55/66 - 575 Vac, 3-Phase, 50/60Hz Input

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive															
				1	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125
Main Control Card																			
6KAF61151	Control Card	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Keypad																			
KYPDACGP1	Replacement Graphical Keypad	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
6KAF61007	Frame w/o option A or B	12/13/23	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
6KAF61008	Frame w option A or B	12/13/23	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
6KAF60284	Frame	24/33/34	-									1	1	1	1	1	1		
6KAF63414	Frame	15/21/22/31/32	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
6KAF61011	Terminal cover w/o option A or B	12/13	-	1	1	1	1	1	1										
6KAF61012	Terminal cover w option A or B	12/13	-	1	1	1	1	1	1										
6KAF61411	Terminal cover	23	-							1	1	1							
6KAF61410	Terminal cover	23	-							1	1	1							
Power Card																			
6KAF61857	Power Card	21	-							1									
6KAF61858	Power Card	21	-								1								
6KAF61859	Power Card	21	-									1							
6KAF61935	Power Card	22	-										1						
6KAF61940	Power Card	22	-											1					
6KAF61928	Power Card	31	-												1				
6KAF61929	Power Card	31	-													1			
6KAF61930	Power Card	31	-														1		
6KAF61931	Power Card	32	-															1	
6KAF61932	Power Card	32	-																1
6KAF61960	Power Card	23	-							1									
6KAF61961	Power Card	23	-								1								
6KAF61962	Power Card	23	-									1							
6KAF61963	Power Card	24	-										1						
6KAF61964	Power Card	24	-											1					
6KAF61965	Power Card	24	-												1				
6KAF61966	Power Card	33	-													1			
6KAF61967	Power Card	33	-														1		
6KAF61968	Power Card	34	-															1	
6KAF61969	Power Card	34	-																1
6KAF61875	Switch Mode Power Supply	22	-										1						
6KAF61876	Switch Mode Power Supply	22	-											1					
Inverter IGBTs																			
6KAF61403	Dual IGBT Module	31/33	100A												3	3			
6KAF61409	Dual IGBT Module	31/33	150A														3		
6KAF61404	Dual IGBT Module	32/34	200A															3	
6KAF61432	Dual IGBT Module	32/34	300A																3
Brake IGBT																			
6KAF61403	Dual IGBT Module	31/33	100A												1	1			
6KAF61404	Dual IGBT Module	31/33	200A														1	1	
Rectifiers																			
6KAF61429	Thyristor Module	31/33	115A											3	3	3			
6KAF61430	Thyristor Module	32/34	220A														3	3	
RFI Filters																			
6KAF63378	RFI Filter (class A2)	21	-							1	1	1							
6KAF63381	RFI Filter (class A2)	22	-										1	1					
6KAF63427	RFI Filter (class A2)	31	-											1	1	1			
6KAF63377	RFI Filter (class A1/B)	21	-							1	1	1							
6KAF63380	RFI Filter (class A1/B)	22	-										1	1					
6KAF63425	RFI Filter (class A1/B)	31	-											1	1	1			
6KAF63422	RFI Filter (class A1/B)	32	-														1	1	
6KAF61412	RFI Filter (class A1/B)	23	-							1	1	1							
6KAF61416	RFI Filter (class A1/B)	24	-										1	1	1				
6KAF61419	RFI Filter (class A1/B)	33	-												1	1			
6KAF61420	RFI Filter (class A1/B)	34	-														1	1	
Current Transducers																			
6KAF61898	Current Transducer Card	31/33	-											1	1	1			
6KAF61899	Current Transducer Card	32/34	-														1	1	
DC Link																			
6KAF61424	DC Capacitors	31/33	4500uF													2	2		
6KAF61425	DC Capacitors	32/34	2700uF															2	2
6KAF61060	DC Link Reactors	21	780mH								1								
6KAF61061	DC Link Reactors	21	580mH									1							
6KAF61062	DC Link Reactors	22	490mH										1						
6KAF61063	DC Link Reactors	22	410mH											1					
6KAF61035	DC Link Reactors	31	300mH												1				
6KAF61036	DC Link Reactors	31	260mH													1			
6KAF61037	DC Link Reactors	31	200mH														1		
6KAF61038	DC Link Reactors	32	170mH															1	
6KAF61039	DC Link Reactors	32	100mH																1
6KAF61959	DC Link Assembly	24	-										1	1	1				



Drives

AF-600FP™ Fan and Pump Drive Replacement Parts

Section 15

IP 20 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

IP 55/66 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive																
				1	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	
Fans																				
6KAF61010	Fan Assembly	13	-	1	1	1	1	1	1											
6KAF61017	Fan Assembly	15	-	1	1	1	1	1	1											
6KAF63563	External Fan (IP20)	23	12W							1	1	1								
6KAF63699	External Fan (IP20)	24	12W										1	1	1					
6KAF64292	External Fan (IP20)	33	12W												2	2				
6KAF64294	External Fan (IP20)	34	18W														2	2		
6KAF63407	External Fan (IP55)	21	22W							1	1	1								
6KAF63406	External Fan (IP55)	22	22W										1	1						
6KAF63865	External Fan (IP55)	31	26W												1	1	1			
6KAF63867	External Fan (IP55)	32	22W															1	1	
6KAF63440	Internal Fan	21/23	5.8W							1	1	1								
6KAF63441	Internal Fan	22/24	5.8W										1	1	1					
6KAF63923	Internal Fan	31/32/33/34	5.8W												1	1	1	1	1	
Accessory Bags																				
6KAF61022	Connectors Accessory Bag	12/13	-	1	1	1	1	1	1											
6KAF61023	Connectors Accessory Bag	15	-	1	1	1	1	1	1											
6KAF62060	Connectors Accessory Bag	21	-							1	1	1								
6KAF62061	Connectors Accessory Bag	22	-										1	1						
6KAF60980	Connectors Accessory Bag	23	-							1	1	1								
6KAF61300	Connectors Accessory Bag	24	-										1	1	1					
6KAF60046	Connectors Accessory Bag	31	-												1	1	1			
6KAF60047	Connectors Accessory Bag	32	-															1	1	
6KAF60981	Connectors Accessory Bag	33	-														1	1		
6KAF60982	Connectors Accessory Bag	34	-																1	
6KAF60983	Connectors Accessory Bag	34	-																	1
6KAF60633	Brake and Load Sharing Connectors Bag	12/13/15	-	1	1	1	1	1	1											

High Power

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive															
				150	200	250	300	350	450	500	550	600	650	750	900	1000	1200	1350	
Main Control Card																			
6KAF61109	Control Card	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Keypad																			
KYPDACGP1	Replacement Graphical Keypad	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF63414	Frame	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Power Card																			
6KAF6H8652	PCA3 - Power card	-	-	1															
6KAF6H8653	PCA3 - Power Card	-	-		1														
6KAF6H8654	PCA3 - Power Card	-	-			1													
6KAF6H8655	PCA3 - Power Card	-	-				1												
6KAF6H8656	PCA3 - Power Card	-	-					1											
6KAF6H8657	PCA3 - Power Card	-	-						1										
6KAF6H8658	PCA3 - Power Card	-	-							1									
6KAF6H8659	PCA3 - Power Card	-	-								1								
6KAF6H8660	PCA3 - Power Card	-	-									1							
6KAF6H8774	Power Card	-	-										3						
6KAF6H8775	Power Card	-	-											3					
6KAF6H8776	Power Card	-	-												3				
6KAF6H8777	Power Card	-	-													3			
6KAF6H8778	Power Card	-	-														4		
6KAF6H8779	Power Card	-	-																4
6KAF6H8308	PCA4 - Current Scaling PCA, 4.54 Ohm	-	-	1															
6KAF6H8309	PCA4 - Current Scaling PCA, 3.79 Ohm	-	-		1														
6KAF6H8310	PCA4 - Current Scaling PCA, 3.10 Ohm	-	-			1													
6KAF6H8311	PCA4 - Current Scaling PCA, 2.56 Ohm	-	-				1			1	1					2			3
6KAF6H8312	PCA4 - Current Scaling PCA, 5.10 Ohm	-	-					1											
6KAF6H8554	PCA4 - Current Scaling PCA, 4.21 Ohm	-	-						1					2	2				3
6KAF6H8627	PCA4 - Current Scaling PCA, 2.32 Ohm	-	-										1					2	
6KAF6H8773	MDCIC board, CC	-	-											1	1	1	1	1	1
6KAF6H8626	PCA5 - Gate Drive PCA, CC	-	-	1	1	1	1	1	1	1	1	1	1						
6KAF6H8307	PCA8 - HF PCA	-	-	1	1	1	1	1	1	1	1	1	1						
6KAF6H8306	PCA11 - Softcharge PCA, CC	-	-	1	1	1	1	1											
6KAF6H8555	PCA11 - Softcharge PCA, CC	-	-						1	1	1	1							
6KAF6H8510	PCA9 - Balance PCA	-	-	1	1	1	2	2	2	2	2	2	2						



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive														
				150	200	250	300	350	450	500	550	600	650	750	900	1000	1200	1350
Inverter IGBTs																		
6KAF6H8628	IGBT 1, 2 - IGBT kit, 300A	-		1		2	2											
6KAF6H8629	IGBT 1, 2 - IGBT kit, 450A	-			1			2										
6KAF6H8630	IGBT 1, 2, 3 - IGBT kit, 300A	-							3									
6KAF6H8631	IGBT 1, 2, 3 - IGBT kit, 450A	-								3	3	3						
6KAF6H8323	C 2,3,4,5,6,7,8,9,10 - CAP IGBT Snubber, 1000V, 1.5uF	-		3	3	6	6	6	9	9	9	9						
6KAF6H8743	Inverter Module	-											2					
6KAF6H8744	Inverter Module	-												2				
6KAF6H8745	Inverter Module	-													2			
6KAF6H8746	Inverter Module	-														2		
6KAF6H8747	Inverter Module	-															3	
6KAF6H8748	Inverter Module	-																3
Brake IGBT																		
6KAF6H8316	IGBT 4,5 - Brake IGBT kit	-		1	1	2	2	2	2	2	2	2	2					
Rectifiers																		
6KAF6H8317	SCR 1, 2, 3 - SCR/Diode kit, 160A	-		3	3													
6KAF6H8318	SCR 1, 2, 3 - SCR/Diode kit, 175A	-				3												
6KAF6H8319	SCR 1, 2, 3 - SCR/Diode kit, 250A	-					3											
6KAF6H8320	SCR 1, 2, 3 - SCR/Diode kit, 330A	-						3										
6KAF6H8558	SCR 1, 2, 3 - SCR kit, 500A	-							3	3	3	3						
6KAF6H8559	D 1, 2, 3 - Diode kit, 600A	-							3	3	3	3						
6KAF6H8712	Rectifier Module	-											1					
6KAF6H8713	Rectifier Module	-												1				
6KAF6H8714	Rectifier Module	-													1			
6KAF6H8715	Rectifier Module	-														1		
6KAF6H8716	Rectifier Module	-															1	
6KAF6H8717	Rectifier Module	-																1
Current Transducers																		
6KAF6H8342	L 2,3,4 - Current Sensor, 300A	-		3	3	3	3											
6KAF6H8343	L 2,3,4 - Current Sensor, 500A	-						3	3									
6KAF6H8563	L 2,3,4 - Current Sensor, 1000A	-								3	3	3						
DC Link																		
6KAF6H8324	CBANK 1, 2 - CAP Bank, 4 Cap	-		1			2	1										
6KAF6H8325	CBANK 1, 2 - CAP Bank, 6 Cap	-			1	1		1										
6KAF6H8636	CBANK 1, 2 - CAP Bank, 6 Cap	-							2	1								
6KAF6H8637	CBANK 1, 2 - CAP Bank, 8 Cap	-								1	2	2						
6KAF6H8337	L1 - Bus Inductor, 200uH	-		1														
6KAF6H8338	L1 - Bus Inductor, 157uH	-			1													
6KAF6H8339	L1 - Bus Inductor, 136uH	-				1												
6KAF6H8340	L1 - Bus Inductor, 109uH	-					1											
6KAF6H8341	L1 - Bus Inductor, 87uH	-						1										
6KAF6H8564	L1 - Bus Inductor, 62uH	-							1									
6KAF6H8565	L1 - Bus Inductor, 51uH	-								1	1	1						
6KAF6H8322	R1 - Softcharge Resistor, 27 Ohm, 110W	-		1	1	1	1	1										
6KAF6H8560	R1 - Softcharge Resistor, 27 Ohm, 155W	-							1	1	1	1						
Fuses																		
6KAF6H8334	FU 1,2,3 - Fuse,Main, 350A	-		3	3													
6KAF6H8335	FU 1,2,3 - Fuse,Main, 630A	-				3	3	3										
6KAF6H8591	FU 1,2,3 - Fuse,Main, 700A	-							3									
6KAF6H8592	FU 1,2,3 - Fuse Main, 900A	-								3	3	3						
6KAF6H8769	Fuse Mains, 2000A	-											3	3	3	3		
6KAF6H8770	Fuse Mains, 2500A	-															3	3
6KAF6H8767	Fuse DC, 1100A	-											4	4			6	
6KAF6H8768	Fuse DC, 1400 A	-													4	4		6
6KAF6H8336	Fuse Softcharge, 20A, PKG3	-		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8440	FU 5 - Fuse, 4A, PKG3, Power PCA, Fan	-		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8440	FU 4 - Fuse, 4A, PKG3 Power PCA,Fan	-		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8609	FU 4 - Fuse, 15A, PKG3, Fan	-								1	1	1						
Fans																		
6KAF6H8329	F1+C1 - Heatsink Fan Assy	-		1	1	1	1	1										
6KAF6H8578	F1+C1 - Heatsink Fan Assy	-							1									
6KAF6H8579	F1+C1 - Heatsink Fan Assy	-								1	1	1						
6KAF6H8771	Fan Heatsink	-											3	3	3	3	4	4
6KAF6H8330	F 2, 3 - Door Fan Kit	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8331	Door Vent Kit	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8332	Door Fan Filter, PKG10 (IP54/Nema 12 Drive)	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8639	F4 - DC Top Fan, IP00/Chassis Unit Drive	43/44		1	1	1	1	1										
6KAF6H8333	F 2, 3 - Door/Top AC Fan	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8772	Door Fan	-											3	3	3	3	3	3



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive													
				150	200	250	300	350	400	450	500	550	600	650	750	900	1000
Fans (continued)																	
6KAF6H8612	F5 - Fuse Fan, Input Plate	-	-							1	1	1	1				
6KAF6H8344	TR1 - Fan Transformer Assy, 500V	-	-	1	1	1	1	1									
6KAF6H8566	TR1 - Fan Transformer Assy	-	-						1								
6KAF6H8567	TR1 - Fan Transformer Assy, 1500VA	-	-							1	1	1					
6KAF6H8577	L5 - Heatsink Fan Inductor	-	-							1	1	1					

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 575 Vac, 3-Phase, 50/60Hz Input

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive													
				150	200	250	300	350	400	450	500	600	650	750	950	1050	1150
Main Control Card																	
6KAF61109	Control Card	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Keypad																	
6KAF61107	Replacement Graphical Keypad	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF61007	Frame	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Power Card																	
6KAF6H8661	Power Card	-	-	1													
6KAF6H8662	Power Card	-	-		1												
6KAF6H8663	Power Card	-	-			1											
6KAF6H8664	Power Card	-	-				1										
6KAF6H8665	Power Card	-	-					1									
6KAF6H8666	Power Card	-	-						1								
6KAF6H8667	Power Card	-	-							1							
6KAF6H8668	Power Card	-	-								1						
6KAF6H8669	Power Card	-	-									1					
6KAF6H8670	Power Card	-	-										1				
6KAF6H8786	Power Card	-	-											3			
6KAF6H8787	Power Card	-	-												3		
6KAF6H8788	Power Card	-	-													3	
6KAF6H8789	Power Card	-	-														4
6KAF6H8791	Power Card	-	-														4
6KAF6H8308	PCA4 - Current Scaling PCA, 4.54 Ohm	-	-			1				1	1			2		3	
6KAF6H8309	PCA4 - Current Scaling PCA, 3.79 Ohm	-	-									1			2		3
6KAF6H8310	PCA4 - Current Scaling PCA, 3.10 Ohm	-	-				1	1									
6KAF6H8311	PCA4 - Current Scaling PCA, 2.56 Ohm	-	-						1					1			2
6KAF6H8312	PCA4 - Current Scaling PCA, 5.10 Ohm	-	-							1							
6KAF6H8525	PCA4 - Current Scaling PCA, 5.85 Ohm	-	-			1											
6KAF6H8773	MDCIC Board, CC	-	-											1	1	1	1
6KAF6H8626	PCA5 - Gate Drive PCA, CC	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8523	PCA8 - HF PCA	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8522	PCA11 - Softcharge PCA, CC	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8466	PCA11 - Softcharge PCA, CC	-	-							1	1	1	1	1	1	1	1
6KAF6H8526	PCA9 - Balance, PCA	-	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Inverter IGBTs																	
6KAF6H8632	IGBT1, 2 - IGBT kit, 300A	-	-	1		2	2										
6KAF6H8633	IGBT1, 2 - IGBT kit, 450A	-	-		1			2	2								
6KAF6H8634	IGBT1, 2, 3 - IGBT kit, 300A	-	-							3	3						
6KAF6H8635	IGBT1, 2, 3 - IGBT kit, 450A	-	-									3	3				
6KAF6H8534	C2,3,4,5,6,7,8,9,10 - CAP IGBT Snubber, 1250V, 1uF	-	-	3	3	6	6	6	6	9	9	9	9	9	9	9	9
6KAF6H8755	Inverter Module	-	-											2			
6KAF6H8756	Inverter Module	-	-												2		
6KAF6H8757	Inverter Module	-	-													2	
6KAF6H8758	Inverter Module	-	-														3
6KAF6H8759	Inverter Module	-	-														3
Brake IGBT																	
6KAF6H8316	IGBT4, 5 - Brake IGBT kit	-	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Rectifiers																	
6KAF6H8529	SCR1, 2, 3 - SCR/Diode kit, 160A	-	-	3	3	3											
6KAF6H8530	SCR1, 2, 3 - SCR/Diode kit, 280A	-	-				3	3	3								
6KAF6H8434	SCR1, 2, 3 - SCR kit, 430A	-	-							3	3	3	3				
6KAF6H8435	D1, 2, 3 - Diode kit, 540A	-	-							3	3	3	3				
6KAF6H8724	Rectifier Module	-	-											1			
6KAF6H8725	Rectifier Module	-	-												1		
6KAF6H8726	Rectifier Module	-	-													1	
6KAF6H8727	Rectifier Module	-	-														1
6KAF6H8728	Rectifier Module	-	-														1



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Rating	Drive Hp and Quantity Per Drive													
				150	200	250	300	350	400	450	500	600	650	750	950	1050	1150
Current Transducers																	
6KAF6H8342	L2, 3, 4 - Current Sensor, 300A	-		3	3	3	3	3									
6KAF6H8343	L2, 3, 4 - Current Sensor, 500A	-							3	3	3	3					
6KAF6H8563	L2, 3, 4 - Current Sensor, 1000A	-											3				
DC Link																	
6KAF6H8532	CBANK1, 2 - CAP Bank, 4 Cap	-		1		2	2	1									
6KAF6H8533	CBANK1, 2 - CAP Bank, 6 Cap	-			1			1	2								
6KAF6H8638	CBANK1, 2 - CAP Bank, 8 Cap	-								2	2	2	2				
6KAF6H8536	L1 - Bus Inductor, 350uH	-		1													
6KAF6H8537	L1 - Bus Inductor, 250uH	-			1												
6KAF6H8538	L1 - Bus Inductor, 195uH	-				1	1										
6KAF6H8339	L1 - Bus Inductor, 136uH	-						1									
6KAF6H8340	L1 - Bus Inductor, 109uH	-							1								
6KAF6H8469	L1 - Bus Inductor, 73uH	-								1	1	1	1				
6KAF6H8531	R1 - Softcharge Resistor, 68 Ohm, 110W	-		1	1	1	1	1	1								
6KAF6H8467	R1 - Softcharge Resistor, 68 Ohm, 155W	-								1	1	1	1				
Fuses																	
6KAF6H8334	FU1, 2, 3 - Fuse Main, 350A	-		3	3												
6KAF6H8591	FU1, 2, 3 - Fuse Main, 700A	-								3	3	3					
6KAF6H8592	FU1, 2, 3 - Fuse Main, 900A	-											3				
6KAF6H8540	FU1, 2, 3 - Fuse Main, 550A	-				3	3	3	3								
6KAF6H8769	Fuse Mains, 2000A	-											3	3	3	3	3
6KAF6H8767	Fuse DC, 1100A	-											4	4	4	6	6
6KAF6H8336	Fuse Softcharge, 20A, PKG3	-		1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8440	FUS - Fuse 4A PKG3 Power PCA Fan	-		1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8440	FU4 - Fuse 4A PKG3 Power PCA Fan	-		1	1	1	1	1	1	1	1	1					
6KAF6H8609	FU4 - Fuse 15A PKG3 Fan	-											1	1			
Fans																	
6KAF6H8329	F1+C1 - Heatsink Fan Assy	-		1	1	1	1	1	1								
6KAF6H8578	F1+C1 - Heatsink Fan Assy	-								1	1						
6KAF6H8579	F1+C1 - Heatsink Fan Assy	-										1	1				
6KAF6H8771	Fan Heatsink	-											3	3	3	4	4
6KAF6H8330	F2,3 - Door Fan Kit	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8331	Door Vent Kit	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8332	Door Fan Filter, PKG10 (IP54/Nema 12 Drive)	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8639	F4 - DC Top Fan, IP00/Open Chassis Drive	43/44		1	1	1	1	1	1								
6KAF6H8333	F2 - Door/Top AC Fan	52								1	1	1	1				
6KAF6H8333	F2, 3 - Door/Top AC Fan	41/42/51		1	1	1	1	1	1	1	1	1	1	1	1	1	1
6KAF6H8772	Fan Door	-											3	3	3	3	3
6KAF6H8535	TR1 - Fan Transformer Assy, 690V, 400VA	-		1	1	1	1	1	1	1	1	1					
6KAF6H8471	TR1 - Fan Transformer Assy	-											1	1			
6KAF6H8577	L5 - Heatsink Fan Inductor	-											1	1			

High Power Cables

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input

Product Number	Description	Unit Size	Drive Hp and Quantity Per Drive							
			150	200	250	300	350	450	500	550
Cables										
6KAF6H8640	CBL1 - Keypad Cable for IP54/Nema 12 Drive Type	41/42	1	1	1	1	1			
6KAF6H8586	CBL1 - Keypad Cable	5X						1	1	1
6KAF6H8641	CBL2 - Control Cable PCA, 44pin	4X & 5X	1	1	1	1	1	1	1	1
6KAF6H8541	CBL5 - Current Sensor Cable	4X	1	1						
6KAF6H8349	CBL5 - Current Sensor Cable	42			1	1	1			
6KAF6H8568	CBL5 - Current Sensor Cable	5X						1		
6KAF6H8569	CBL5 - Current Sensor Cable	5X							1	1
6KAF6H8542	CBL8 - HS Fan Cable	41		1	1					
6KAF6H8359	CBL8 - HS Fan Cable	42			1	1	1			
6KAF6H8571	CBL8 - Fan Cable for IP00/Open Chassis Drive Type	51						1		
6KAF6H8572	CBL8 - Fan Cable for IP54/Nema 12 Drive Type	52						1		
6KAF6H8573	CBL8 - Fan Cable for IP00/Open Chassis Drive Type	51							1	1
6KAF6H8574	CBL8 - Fan Cable for IP54/Nema 12 Drive Type	52							1	1
6KAF6H8354	CBL9 - Softcharge Cable RST prime	4X		1	1	1	1	1		
6KAF6H8570	CBL9 - Softcharge Cable RST prime	5X						1	1	1
6KAF6H8358	CBL12 - Door Fan Cable	41/42	1	1	1	1	1			
6KAF6H8544	CBL13 - SCR Cable	41		1	1					
6KAF6H8357	CBL13 - SCR Cable	42				1	1	1		
6KAF6H8575	CBL13 - SCR Cable	5X							1	1



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Drive Hp and Quantity Per Drive								
			150	200	250	300	350	450	500	550	600
Cables (continued)											
6KAF6H8356	CBL14 - DC to Power PCA Cable	4X	1	1	1	1	1				
6KAF6H8576	CBL14 - DC to Power PCA Cable	5X						1	1	1	1
6KAF6H8830	CBL15 - RFI Switch Cable	4X	1	1	1	1	1				
6KAF6H8580	CBL15 - RFI Switch Cable	5X						1	1	1	1
6KAF6H8363	CBL16 - Gate Driver Cable, 16pin	41	1	1							
6KAF6H8350	CBL16 - Gate Driver Cable, 16pin	42			1	1	1				
6KAF6H8581	CBL16 - Gate Driver Cable, 16pin	5X						1	1	1	1
6KAF6H8364	CBL17,18,19 IGBT Gate Cable	41	3	3							
6KAF6H8351	CBL17,18,19 - IGBT Gate Cable	42			3	3	3				
6KAF6H8582	CBL17,18,19 - IGBT Gate Cable	51						3	3	3	3
6KAF6H8352	CBL20 - IGBT Temperature Cable	-	1	1	1	1	1	1	1	1	1
6KAF6H8365	CBL21 - Brake IGBT Cable	41	1	1							
6KAF6H8368	CBL21 - Brake IGBT Cable	42			1	1	1				
6KAF6H8583	CBL21 - Brake IGBT Cable	5X						1	1	1	1
6KAF6H8366	CBL22 - Brake Power Plus Cable	41	1	1							
6KAF6H8369	CBL22 - Brake Power Plus Cable	42			1	1	1				
6KAF6H8367	CBL23 - Brake Power Minus Cable	41	1	1							
6KAF6H8370	CBL23 - Brake Power Minus Cable	42			1	1	1				
6KAF6H8543	CBL24 - Softcharge RST Cable	41	1	1							
6KAF6H8353	CBL24 - Softcharge RST Cable	42			1	1	1				
6KAF6H8584	CBL24 - Softcharge RST Cable	5X						1	1	1	1
6KAF6H8355	CBL25 - Softcharge to DC Bus Cable	4X	1	1	1	1	1				
6KAF6H8585	CBL25 - Softcharge to DC Bus Cable	5X						1	1	1	1
6KAF6H8613	CBL26 - Fuse Fan Cable	5X						1	1	1	1
Terminals, Labels, Insulators											
6KAF6H8374	TB1 - Bus Bars, Terminals Line/Load	4X	3	3							
6KAF6H8375	TB1 - Bus Bars, Terminals Line/Load	4X			3	3	3				
6KAF6H8587	TB1 - Bus Bars, Terminal Block	5X						3	3	3	3
6KAF6H8374	TB2 - Bus Bars, Terminals Line/Load	4X	3	3							
6KAF6H8375	TB2 - Bus Bars, Terminals Line/Load	4X			3	3	3				
6KAF6H8587	TB2 - Bus Bars, Terminal Block	5X						3	3	3	3
6KAF6H8395	TB3 - Bus Bars, Terminal, Load Share & Brake	4X	2	2	2	2	2				
6KAF6H8399	TB3 - Bus Bars, Terminal, Load Share, Left	4X						1	1	1	1
6KAF6H8404	TB3 - Bus Bars, Terminal, Load Share, Right	4X						1	1	1	1
6KAF6H8395	TB4 - Bus Bars, Terminal, Load Share & Brake	4X	2	2							
6KAF6H8399	TB4 - Bus Bars, Terminal, Load Share, Left	4X			1	1	1				
6KAF6H8404	TB4 - Bus Bars, Terminal, Load Share, Right	4X			1	1	1				
6KAF6H8587	TB4 - Bus Bars, Terminal Block	5X						2	2	2	2
6KAF6H8371	TB1 - Terminal Insulator Line/Load	4X	1	1	1	1	1				
6KAF6H8588	TB1 - Insulator Terminal Block	5X						3	3	3	3
6KAF6H8371	TB2 - Terminal Insulator Line/Load	4X	1	1	1	1	1				
6KAF6H8588	TB2 - Insulator Terminal Block	5X						3	3	3	3
6KAF6H8372	TB3 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1	1	1	1
6KAF6H8372	TB4 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1				
6KAF6H8588	TB4 - Insulator Terminal Block	5X						2	2	2	2
6KAF6H8373	Terminal Block Label Set	4X	1	1	1	1	1				
6KAF6H8589	Terminal Block Label Set	5X						1	1	1	1
6KAF6H8545	Insulator Mylar for IGBT Bus	41	1	1							
6KAF6H8421	Insulator Mylar for IGBT Bus	42			1	1	1				
6KAF6H8590	Insulator for IGBT- Chassis	5X						1	1	1	1
6KAF6H8547	Insulator for IGBT Snubber Capacitor Support	-	1	1	2	2	2				
6KAF6H8410	Bus Bar Stand Off, PKG10	-	12	12	17	17	17	11	11	11	11
6KAF6H8610	IGBT Output Standoff, PKG9	5X						9	9	9	9
Bus Bars											
6KAF6H8380	Bus Bars, SCR, R S T	4X	3	3							
6KAF6H8548	Bracket, SCR Bus Bars Support	4X	1	1							
6KAF6H8394	Bus Bars, SCR Input	4X			3						
6KAF6H8387	Bus Bars, SCR Plus, 1	4X				3	3				
6KAF6H8595	Bus Bars, SCR/Di Input	5X						3	3	3	3
6KAF6H8379	Bus Bars Assy, SCR	4X	1	1							
6KAF6H8381	Bus Bars, SCR Minus	4X	2	2							
6KAF6H8393	Bus Bars, SCR DC	-			2						
6KAF6H8385	Bus Bars, SCR Minus, 1	4X				2	2				
6KAF6H8386	Bus Bars, SCR Minus, 2	4X			1	1	1				
6KAF6H8388	Bus Bars, SCR Plus, 2	4X			1	1	1				
6KAF6H8596	Bus Bars, SCR/Di Output	5X						2	2	2	2
6KAF6H8597	Bus Bars, DC Bus Plus, Before DC Reactor	5X						1	1	1	1
6KAF6H8598	Bus Bars, DC Bus Minus, Before DC Reactor	5X						1	1	1	1
6KAF6H8549	Bus Bars, DC Link, Plus	4X	1	1							
6KAF6H8391	Bus Bars, DC Link, Plus	4X	1	1							
6KAF6H8382	Bus Bars, DC Link Minus	4X			2	2	2				
6KAF6H8599	Bus Bars, DC Bus, After DC Reactor	5X						2	2	2	2
6KAF6H8376	Bus Bars Assy, IGBT	4X	1	1							



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 00 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 460 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Drive Hp and Quantity Per Drive								
			150	200	250	300	350	450	500	550	600
Bus Bars (continued)											
6KAF6H8377	Bus Bars Assy, IGBT-Inductor	4X			1	1	1				
6KAF6H8378	Bus Bars Assy, IGBT-Capacitor	4X			1	1	1				
6KAF6H8600	Bus Bars Assy, IGBT-Inductor	5X						1	1	1	1
6KAF6H8601	Bus Bars Assy, IGBT-Capacitor	5X						3	3	3	3
6KAF6H8390	Bus Bars, IGBT, U V W	4X	3	3							
6KAF6H8392	Bus Bars, Motor, 2	4X	3	3							
6KAF6H8383	Bus Bars, Motor, U W	4X			2	2	2				
6KAF6H8384	Bus Bars, Motor V	4X			1	1	1				
6KAF6H8389	Bus Bars, I-Sensor	4X			3	3	3				
6KAF6H8602	Bus Bars, IGBT Output	5X						3	3	3	3
6KAF6H8603	Bus Bars, Over Fan Box	5X						3	3	3	3
6KAF6H8604	Bus Bars, Current Sensor 5352	5X						3			
6KAF6H8605	Bus Bars, Current Sensor 5452-5502	4X							3	3	3
6KAF6H8397	Bus Bars, Brake Plus	4X	1	1							
6KAF6H8398	Bus Bars, Brake Minus	4X	1	1							
6KAF6H8396	Bus Bars, Brake	4X			1	1	1				
6KAF6H8606	Bus Bars, Brake Assy	5X						1	1	1	1
6KAF6H8401	Bus Bars, Load Share Plus	4X	1	1							
6KAF6H8400	Bus Bars, Load Share Minus	4X	1	1							
6KAF6H8403	Bus Bars, Load Share Plus	4X			1	1	1				
6KAF6H8402	Bus Bars, Load Share Minus	4X			1	1	1				
6KAF6H8607	Bus Bars, Load Share Plus	5X						1	1	1	1
6KAF6H8608	Bus Bars, Load Share Minus	5X						1	1	1	1
6KAF6H8405	Bus Bars, SCR Input 2	4X	3	3							
6KAF6H8406	Bus Bars, SCR, T, 1	4X			3	3	3				

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input

IP 21/54 - 575 Vac, 3-Phase, 50/60Hz Input

Product Number	Description	Unit Size	Drive Hp and Quantity Per Drive									
			150	200	250	300	350	400	450	500	600	650
Cables												
6KAF6H8640	CBL1 - Keypad Cable for IP54/Nema 12 Drive Type	41/42	1	1	1	1	1	1				
6KAF6H8586	CBL1 - Keypad Cable	5X							1	1	1	1
6KAF6H8641	CBL2 - Control Cable PCA, 44pin	4X & 5X	1	1	1	1	1	1	1	1	1	1
6KAF6H8541	CBL5 - Current Sensor Cable	4X	1	1								
6KAF6H8349	CBL5 - Current Sensor Cable	42			1	1	1	1				
6KAF6H8568	CBL5 - Current Sensor Cable	5X							1	1	1	
6KAF6H8569	CBL5 - Current Sensor Cable	5X										1
6KAF6H8542	CBL8 - HS Fan Cable	41	1	1								
6KAF6H8359	CBL8 - HS Fan Cable	42			1	1	1	1				
6KAF6H8571	CBL8 - Fan Cable for IP00/Open Chassis Drive Type	51							1	1		
6KAF6H8572	CBL8 - Fan Cable for IP54/Nema 12 Drive Type	52							1	1		
6KAF6H8573	CBL8 - Fan Cable for IP00/Open Chassis Drive Type	51									1	1
6KAF6H8574	CBL8 - Fan Cable for IP54/Nema 12 Drive Type	52									1	1
6KAF6H8354	CBL9 - Softcharge Cable RST prime	4X	1	1	1	1	1	1				
6KAF6H8570	CBL9 - Softcharge Cable RST prime	5X							1	1	1	1
6KAF6H8358	CBL12 - Door Fan Cable	41/42	1	1	1	1	1	1				
6KAF6H8544	CBL13 - SCR Cable	41	1	1								
6KAF6H8357	CBL13 - SCR Cable	42			1	1	1	1				
6KAF6H8575	CBL13 - SCR Cable	5X							1	1	1	1
6KAF6H8356	CBL14 - DC to Power PCA Cable	4X	1	1	1	1	1	1				
6KAF6H8576	CBL14 - DC to Power PCA Cable	5X							1	1	1	1
6KAF6H8363	CBL16 - Gate Driver Cable, 16pin	41	1	1								
6KAF6H8350	CBL16 - Gate Driver Cable, 16pin	42			1	1	1	1				
6KAF6H8581	CBL16 - Gate Driver Cable, 16pin	5X							1	1	1	1
6KAF6H8364	CBL17,18,19 IGBT Gate Cable	41	3	3								
6KAF6H8351	CBL17,18,19 - IGBT Gate Cable	42			3	3	3	3				
6KAF6H8582	CBL17,18,19 - IGBT Gate Cable	51							3	3	3	3
6KAF6H8352	CBL20 - IGBT Temperature Cable	-	1	1	1	1	1	1	1	1	1	1
6KAF6H8365	CBL21 - Brake IGBT Cable	41	1	1								
6KAF6H8368	CBL21 - Brake IGBT Cable	42			1	1	1	1				
6KAF6H8583	CBL21 - Brake IGBT Cable	5X							1	1	1	1
6KAF6H8366	CBL22 - Brake Power Plus Cable	41	1	1								
6KAF6H8369	CBL22 - Brake Power Plus Cable	42			1	1	1	1				
6KAF6H8367	CBL23 - Brake Power Minus Cable	41	1	1								
6KAF6H8370	CBL23 - Brake Power Minus Cable	42			1	1	1	1				
6KAF6H8543	CBL24 - Softcharge RST Cable	41	1	1								
6KAF6H8353	CBL24 - Softcharge RST Cable	42			1	1	1	1				
6KAF6H8584	CBL24 - Softcharge RST Cable	5X							1	1	1	1
6KAF6H8355	CBL25 - Softcharge to DC Bus Cable	4X	1	1	1	1	1	1				
6KAF6H8585	CBL25 - Softcharge to DC Bus Cable	5X							1	1	1	1
6KAF6H8613	CBL26 - Fuse Fan Cable	5X							1	1	1	1



Drives

AF-600FP™ Fan and Pump Drive

Replacement Parts

Section 15

IP 00 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

IP 21/54 - 575 Vac, 3-Phase, 50/60Hz Input (continued)

Product Number	Description	Unit Size	Drive Hp and Quantity Per Drive									
			150	200	250	300	350	400	450	500	600	650
Terminals, Labels, Insulators												
6KAF6H8374	TB1 - Bus Bars, Terminals Line/Load	4X	3	3								
6KAF6H8375	TB1 - Bus Bars, Terminals Line/Load	4X			3	3	3	3				
6KAF6H8587	TB1 - Bus Bars, Terminal Block	5X							3	3	3	3
6KAF6H8374	TB2 - Bus Bars, Terminals Line/Load	4X	3	3								
6KAF6H8375	TB2 - Bus Bars, Terminals Line/Load	4X			3	3	3	3				
6KAF6H8587	TB2 - Bus Bars, Terminal Block	5X							3	3	3	3
6KAF6H8395	TB3 - Bus Bars, Terminal, Load Share & Brake	4X	2	2	2	2	2	2				
6KAF6H8399	TB3 - Bus Bars, Terminal, Load Share, Left	4X							1	1	1	1
6KAF6H8404	TB3 - Bus Bars, Terminal, Load Share, Right	4X							1	1	1	1
6KAF6H8395	TB4 - Bus Bars, Terminal, Load Share & Brake	4X	2	2								
6KAF6H8399	TB4 - Bus Bars, Terminal, Load Share, Left	4X			1	1	1	1				
6KAF6H8404	TB4 - Bus Bars, Terminal, Load Share, Right	4X			1	1	1	1				
6KAF6H8587	TB4 - Bus Bars, Terminal Block	5X							2	2	2	2
6KAF6H8371	TB1 - Terminal Insulator Line/Load	4X	1	1	1	1	1	1				
6KAF6H8588	TB1 - Insulator Terminal Block	5X							3	3	3	3
6KAF6H8371	TB2 - Terminal Insulator Line/Load	4X	1	1	1	1	1	1				
6KAF6H8588	TB2 - Insulator Terminal Block	5X							3	3	3	3
6KAF6H8372	TB3 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1	1	1	1	1
6KAF6H8372	TB4 - Terminal Insulator, Brake & Load Share	4X	1	1	1	1	1	1				
6KAF6H8588	TB4 - Insulator Terminal Block	5X							2	2	2	2
6KAF6H8373	Terminal Block Label Set	4X	1	1	1	1	1	1				
6KAF6H8589	Terminal Block Label Set	5X							1	1	1	1
6KAF6H8545	Insulator Mylar for IGBT Bus	41	1	1								
6KAF6H8421	Insulator Mylar for IGBT Bus	42			1	1	1	1				
6KAF6H8590	Insulator for IGBT- Chassis	5X							1	1	1	1
6KAF6H8547	Insulator for IGBT Snubber Capacitor Support	-	1	1	2	2	2	2				
6KAF6H8546	Line Fuse Insulator	-			1	1	1	1				
6KAF6H8410	Bus Bar Stand Off, PKG10	-	12	12	17	17	17	17	11	11	11	11
6KAF6H8610	IGBT Output Standoff, PKG9	5X							9	9	9	9
Bus Bars												
6KAF6H8380	Bus Bars, SCR, R S T	4X	3	3								
6KAF6H8548	Bracket, SCR Bus Bars Support	4X	1	1								
6KAF6H8394	Bus Bars, SCR Input	4X			3							
6KAF6H8387	Bus Bars, SCR Plus, 1	4X				3	3	3				
6KAF6H8700	Bus Bars, SCR/DI Input	5X							3	3	3	3
6KAF6H8379	Bus Bars Assy, SCR	4X	1	1								
6KAF6H8381	Bus Bars, SCR Minus	4X	2	2								
6KAF6H8393	Bus Bars, SCR DC	-			2							
6KAF6H8385	Bus Bars, SCR Minus, 1	4X				2	2	2				
6KAF6H8386	Bus Bars, SCR Minus, 2	4X			1	1	1	1				
6KAF6H8388	Bus Bars, SCR Plus, 2	4X			1	1	1	1				
6KAF6H8701	Bus Bars, SCR/DI Output	5X							2	2	2	2
6KAF6H8597	Bus Bars, DC Bus Plus, Before DC Reactor	5X							1	1	1	1
6KAF6H8598	Bus Bars, DC Bus Minus, Before DC Reactor	5X							1	1	1	1
6KAF6H8549	Bus Bars, DC Link, Plus	4X	1	1								
6KAF6H8391	Bus Bars, DC Link, Plus	4X	1	1								
6KAF6H8382	Bus Bars, DC Link Minus	4X			2	2	2	2				
6KAF6H8599	Bus Bars, DC Bus, After DC Reactor	5X							2	2	2	2
6KAF6H8376	Bus Bars Assy, IGBT	4X	1	1								
6KAF6H8377	Bus Bars Assy, IGBT-Inductor	4X			1	1	1	1				
6KAF6H8378	Bus Bars Assy, IGBT-Capacitor	4X			1	1	1	1				
6KAF6H8600	Bus Bars Assy, IGBT-Inductor	5X							1	1	1	1
6KAF6H8601	Bus Bars Assy, IGBT-Capacitor	5X							3	3	3	3
6KAF6H8390	Bus Bars, IGBT, U V W	4X	3	3								
6KAF6H8392	Bus Bars, Motor, 2	4X	3	3								
6KAF6H8383	Bus Bars, Motor, U W	4X			2	2	2	2				
6KAF6H8384	Bus Bars, Motor V	4X			1	1	1	1				
6KAF6H8389	Bus Bars, I-Sensor	4X			3	3	3	3				
6KAF6H8602	Bus Bars, IGBT Output	5X							3	3	3	3
6KAF6H8603	Bus Bars, Over Fan Box	5X							3	3	3	3
6KAF6H8604	Bus Bars, Current Sensor 5352	5X							3	3	3	
6KAF6H8605	Bus Bars, Current Sensor 5452-5502	4X										3
6KAF6H8397	Bus Bars, Brake Plus	4X	1	1								
6KAF6H8398	Bus Bars, Brake Minus	4X	1	1								
6KAF6H8396	Bus Bars, Brake	4X			1	1	1	1				
6KAF6H8606	Bus Bars, Brake Assy	5X							1	1	1	1
6KAF6H8401	Bus Bars, Load Share Plus	4X	1	1								
6KAF6H8400	Bus Bars, Load Share Minus	4X	1	1								
6KAF6H8403	Bus Bars, Load Share Plus	4X			1	1	1	1				
6KAF6H8402	Bus Bars, Load Share Minus	4X			1	1	1	1				
6KAF6H8607	Bus Bars, Load Share Plus	5X							1	1	1	1
6KAF6H8702	Bus Bars, Load Share Minus	5X							1	1	1	1
6KAF6H8405	Bus Bars, SCR Input 2	4X	3	3								
6KAF6H8406	Bus Bars, SCR, T, 1	4X			3	3	3	3				

