

Spare Parts Options for PowerFlex Architecture Class Low Voltage Drives Rev. X.9

Product	Voltage Class	Frame Size	Part Description	Catalog String	Quantity per Drive	Rec'd Level
PowerFlex 70	All	A through E	Page 2-3			
PowerFlex 753	All	All 1 through 5 6 through 7	Page 4 Page 5-6 Page 6-7			
PowerFlex 755	All	All 1 through 5 6 through 7 8 through 10	Page 8 Page 9-10 Page 10-11 Page 12-18			
PowerFlex 700	All	0 through 10	Page 19-31			
PowerFlex 700H Control	All	9 through 14	Page 32			
PowerFlex 700H High Power Structures	400/480V	9 through 14	Page 33-41			
	600/690V	9 through 14	Page 42-50			
PowerFlex 700S Phase 1 Control	All	1 through 11	Page 51			
PowerFlex 700S Phase 2 Control	All	1 through 13	Page 52			
PowerFlex 700S Frames 1 through 6 Power Structures	All	1 through 6	Page 53-60			
PowerFlex 700S Frames 9 through 14 High Power Structures	400/480V	9 through 14	Page 61-68			
	600/690V	9 through 14	Page 68-77			
PowerFlex 700L w/ 700S Control	All	All	Page 78			
PowerFlex 700L w/ 700 Vector Control	All	All	Page 78			
PowerFlex 700L	400/480V	2, 3A, 3B	Page 79-82			
	600/690V	2, 3A, 3B	Page 83-86			
PowerFlex SCR Bus Supply	All	All	Page 87			
PowerFlex 700AFE	All	10, 13	Page 88-91			
Human and Wireless Interface Modules / Accessories	All	All	Page 92			

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Product	Voltage Class	Frame Size	Part Description	Catalog String	Quantity per Drive	Rec'd Level		
PowerFlex 70	All	All	Service Connection Board (provides temporary DPI/HIM connection for NEMA 1 and Flange type drives with front cover removed)	SK-M9-SCB1	N/A	MIS		
			Encoder Feedback Option Board, 5/12 VDC, Incremental	20A-ENC-1	1	OPT		
			DriveGuard Safe-Off Option Board (works only with PowerFlex 70 Enhanced Control)	20A-DG01	1	OPT		
			115VAC Digital Interface	AK-M9-115VAC-1	1	OPT		
			A	Heat Sink Fan, Frame A (IP20 Enclosure)	SK-M9-FAN1-ABCD1	1	2	
				Conduit Plate, IP 20 NEMA 1 Type and Flange Mount	SK-M9-CPLT1-A1	1	MIS	
				Front Cover with PowerFlex 70 Logo, IP 20 NEMA Type 1	SK-M1-CVR1-A1	1	MIS	
			B	PF70 Heat Sink Fan, Frame B (IP20 Enclosure)	SK-M9-FAN1-ABCD1	1	2	
				PF70 IP 20 NEMA 1 Type and Flange Mount, Conduit Plate	SK-M9-CPLT1-B1	1	MIS	
				PF70 IP 66 NEMA Type 4X/12, Blank Front Cover,	SK-M1-CVR0-B4	1	MIS	
				PF70 IP 66 NEMA Type 4X/12, Full Numeric Front Cover,	SK-M1-CVR3-B4	1	MIS	
				PF70 IP 66 NEMA Type 4X/12, Programmer Only Front Cover	SK-M1-CVR5-B4	1	MIS	
				PF70 IP 20 NEMA Type 1 Front Cover with PowerFlex 70 Logo	SK-M1-CVR1-B1	1	MIS	
				PF70 NEMA 4X/12 Frame B Conduit Plate	SK-M9-CPLT1-B4	1	MIS	
				PF70 NEMA 4X/12 Frames B, D, & E Conduit Plugs	SK-M9-CPLUG-BDE4	1	MIS	
				PF70 NEMA 4X/12 Frames B & D Heat Sink Fan (RTV Silicon Included)	SK-M9-FAN1-BD4	1	2	
				PF70 NEMA 4X Frame B Cover, WIM	SK-M1-CVR8-B4	1	MIS	
				C	PF70 Heat Sink Fan, Frame C (IP20 Enclosure)	SK-M9-FAN1-ABCD1	2	2
					PF70 Internal Stirring Fan, Frame C	SK-M9-FAN2-CDE1	1	2
			PF70 IP 20 NEMA 1 Type and Flange Mount, Conduit Plate		SK-M9-CPLT1-C1	1	MIS	
			PF70 IP 20 NEMA Type 1 Front Cover with PowerFlex 70 Logo		SK-M1-CVR1-C1	1	MIS	
			D		Heat Sink Fan, Frame D (IP20 Enclosure)	SK-M9-FAN1-ABCD1	2	2
					PF70 Internal Stirring Fan, Frame D	SK-M9-FAN2-CDE1	1	2
					PF70 Conduit Plate, IP 20 NEMA 1 Type and Flange Mount	SK-M9-CPLT1-D1	1	MIS
					PF70 IP 66 NEMA Type 4X/12, Blank Front Cover	SK-M1-CVR0-D4	1	MIS
					PF70 IP 66 NEMA Type 4X/12, Full Numeric Front Cover	SK-M1-CVR3-D4	1	MIS
					PF70 IP 66 NEMA Type 4X/12, Programmer Only Front Cover	SK-M1-CVR5-D4	1	MIS
				PF70 IP 20 NEMA Type 1, Front Cover with PowerFlex 70 Logo	SK-M1-CVR1-D1	1	MIS	
				PF70 NEMA 4X/12 Frame D Conduit Plate	SK-M9-CPLT1-D4	1	MIS	
				PF70 NEMA 4X/12 Frames B, D, & E Conduit Plugs	SK-M9-CPLUG-BDE4	1	MIS	
				PF70 NEMA 4X/12 Frames B & D Heat Sink Fan (RTV Silicon Included)	SK-M9-FAN1-BD4	2	2	
			PF70 NEMA 4X/12 Internal Fan, Frame D	SK-M9-FAN2-D4	1	2		
PF70 NEMA 4X Frame D Cover, Programmer HIM (20-HIM-A5 style) - WIM Module Discontinued	SK-M1-CVR5-D4	1	MIS					
PF70 NEMA 4X Frame D Cover, Full Numeric HIM (20-HIM-A3 style) - WIM Module Discontinued	SK-M1-CVR3-D4	1	MIS					
PowerFlex 70								

❶ Check original drive configuration or rating to select correct part

The "Recommended (Rec'd) Level" column is defined as:

OPT - Option that may or may not be part of customer's drive. Recommended for stocking if critical to application.

MIS - Miscellaneous Hardware and Cables

Level 1 - Printed circuit boards and other components that are recommended for stocking

Level 2 - Fans and spare part kits available for stocking

Level 3 - Complete power structure replacement kit

Spare Parts Options for PowerFlex Architecture Class Low Voltage Drives Rev. X.9

Product	Voltage Class	Frame Size	Part Description	Catalog String	Quantity per Drive	Rec'd Level						
PowerFlex 70	All	E	Internal Stirring Fan	SK-M9-FAN2-CDE1	1	2						
			PF70 NEMA 1 Frame E Cover - Top Half	SK-M1-CVR1-E1	1	MIS						
			PF70 NEMA 1 Frame Cover - Bottom Half (Includes Door)	SK-M1-CVR2-E1	1	MIS						
			PF70 NEMA 1 Frame E Access Door	SK-M1-AD1-E1	1	MIS						
			PF70 NEMA 4X Frame E Cover, Blank Display	SK-M1-CVR0-E4	1	MIS						
			PF70 NEMA 4X Frame E Cover, Full Numeric Display	SK-M1-CVR3-E4	1	MIS						
			PF70 NEMA 4X Frame E Cover, Programmer Only Display	SK-M1-CVR5-E4	1	MIS						
			PF70 NEMA 12 Frame E Cover, Blank Display	SK-M1-CVR0-E12	1	MIS						
			PF70 NEMA 12 Frame E Cover, Full Numeric Display	SK-M1-CVR3-E12	1	MIS						
			PF70 NEMA 12 Frame E Cover, Programmer Only Display	SK-M1-CVR5-E12	1	MIS						
			PF70 NEMA 1 Frame E Conduit Plate	SK-M9-CPLT1-E1	1	MIS						
			PF70 NEMA 4X/12 Frame E Conduit Plate	SK-M9-CPLT1-E4	1	MIS						
			PF70 NEMA 4X/12 Frames B, D, & E Conduit Plugs	SK-M9-CPLUG-BDE4	1	MIS						
			PF70 NEMA 1 Frame E Heat Sink Fan	SK-M9-FAN1-E1	1	2						
			PF70 NEMA 4X/12 Frame E Heat Sink Fan	SK-M9-FAN1-E4	2	2						
			PF70 Frame E Flange Gasket	AK-M9-GASKET1-E4	1	MIS						
			PF70 NEMA 4X Frame E Cover, WIM - DISCONTINUED	SK-M1-CVR8-E4	1	MIS						
			PF70 NEMA 12 Frame E Cover, WIM - DISCONTINUED	SK-M1-CVR8-E12	1	MIS						
			208 / 240 VAC	All	Medium Duty External Dynamic Braking Resistor, 30 Ohms, 260 Watts	AK-R2-030P1K2	1	OPT				
						Medium Duty External Dynamic Braking Resistor, 47 Ohms, 166 Watts	AK-R2-047P500	1	OPT			
						Medium Duty External Dynamic Braking Resistor, 91 Ohms, 86 Watts	AK-R2-091P500	1	OPT			
					A through C	Small Duty Internal Dynamic Braking Resistor, 62 Ohms	20AB-DB1-A	1	OPT			
							20AB-DB1-B	1	OPT			
							20AB-DB1-C	1	OPT			
					D	Small Duty Internal Dynamic Braking Resistor, 22 Ohms	20AB-DB1-D	1	OPT			
							400 / 480 VAC	All	Medium Duty External Dynamic Braking Resistor, 120 Ohms, 260 Watts	AK-R2-120P1K2	1	OPT
										Medium Duty External Dynamic Braking Resistor, 360 Ohms, 86 Watts	AK-R2-360P500	1
					A through C	Small Duty Internal Dynamic Braking Resistor, 115 Ohms	20AD-DB1-A	1	OPT			
							20AD-DB1-B	1	OPT			
							20AD-DB1-C	1	OPT			
D	Small Duty Internal Dynamic Braking Resistor, 62 Ohms	20AD-DB1-D	1	OPT								
		600 / 690 VAC	All	Medium Duty External Dynamic Braking Resistor, 120 Ohms, 260 Watts	AK-R2-120P1K2	1	OPT					
					Medium Duty External Dynamic Braking Resistor, 360 Ohms, 86 Watts	AK-R2-360P500	1	OPT				
A through C	Small Duty Internal Dynamic Braking Resistor, 115 Ohms	20AD-DB1-A	1	OPT								
		20AD-DB1-B	1	OPT								
		20AD-DB1-C	1	OPT								

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