

Spare Parts - 230V PLUS, PLUS II, FORCE & IMPACT Drives

Level	Catalog Number	Description	Quantity of Kits Required per Drive											
			Frame B			Frame C			Frame D			Frame E		
			7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP	60 HP	75 HP	100 HP	125 HP
Level 3		T.G. SYMBOL -> Troubleshooting Guide Symbol (SA) = Stand Alone / (CB) = Common Bus No Designator = Applies to all drives X = not applicable												
		Precharge Modules												
	1336-QPRE-SP1A	TSTR, Precharge, 1336STE, 230V, 7.5 HP, Series A												
	1336-QPRE-SP1C	Obsolete, order 1336-CONV-SP11A Series A to C Conversion Kit												
		TSTR, Precharge, 1336STE, 230V, 7.5 - 15 HP, Series C & up												
	1336F, 230V, 7.5-15 HP Series A & up		1	1	1									
	1336-QPRE-SP3A	TSTR, Precharge, 1336STE, 230V, 10 HP, Series A	1	1	1									
		Obsolete, order 1336-CONV-SP12A Series A to C Conversion Kit												
	1336-QPRE-SP4A	TSTR, Precharge, 1336STE, 230V, 15 HP, Series A												
		Obsolete, order 1336-CONV-SP13A Series A to C Conversion Kit												
		Current Transducers												
		T.G. Symbol -> CT1, CT2												
	1336-CT-SP1A	Current Transducer, 1336STEFR, Frame D							1	1	1	1	1	1
	1336-CT-SP2A	Current Transducer, 1336STEF, Frame E												
		Fans												
		T.G. Symbol -> FAN												
	1336-FAN-SP1A	Fan, 1336STEF, Frame B & Frame C	1	1	1	1	1	1						
	1336-FAN-SP8A	Fan, 1336STEF, Frames B&C, NEMA 4X	1	1	1	1	1	1						
	1336-FAN-SP2A	Fan, 1336STEF, Frame D							1	1	1			
	1336-FAN-SP3A	Fan, 1336STEF, Frame E										1	1	1
	1336-FAN-SP7A	Fan, 1336STEF, Frame A4, (AQF75 Stretch Frame only)	2											
		Inductors (SA)												
		T.G. Symbol -> L1												
	1336-L-SP3A	Inductor, 1336ST, 230V, 7.5 HP, Series A & B												
	1336-L-SP3C	Inductor, 1336STE, 230V, 7.5 HP, Series C & up	1											
		1336F, 230V, 7.5 HP, Series A & up	1											
	1336-L-SP4A	Inductor, 1336ST, 230V, 10 HP, Series A & B												
	1336-L-SP4C	Inductor, 1336STE, 230V, 10 HP, Series C & up		1										
		1336F, 230V, 10 HP, Series A & up		1										
	1336-L-SP5A	Inductor, 1336STE, 230V, 15 HP, Series A & B			1									
	1336-L-SP5C	Inductor, 1336STE, 230V, 15 HP, Series C & up			1									
		1336F, 230V, 15 HP, Series A and Up			1									
	1336-L-SP7A	Inductor, 1336STEF, 230V, 20 - 30 HP				1	1	1						
	1336-L-SP11A	Inductor, 1336STEF, 230V, 40 HP							1					
	1336-L-SP12A	Inductor, 1336STEF, 230V, 50 HP								1				
	1336-L-SP13A	Inductor, 1336STEF, 230V, 60 HP									1			
	1336-L-SP16A	Inductor, 1336STEF, 230V, 75 HP										1		
	1336-L-SP17A	Inductor, 1336STEF, 230V, 100 - 125 HP											1	1
		Mounting Feet (1 pair)												
	1336-FEET-SP1A	Kit, Mounting Feet, 1336STEF, Frame B (There is no 240V-A4 frame)	1	1	1									
	1336-FEET-SP2A	Kit, Mounting Feet, 1336STEF, Frame C				1	1	1						
	1336-FEET-SP3A	Kit, Mounting Feet, 1336STEF, Frame D							1	1	1			
	1336-FEET-SP4A	Kit, Mounting Feet, 1336STEF, Frame E										1	1	1
	1336-FEET-SP7A	Kit, Mounting Feet, 1336STEF, Frame A1 (AQF05 - AQF10)	1											
	1336-FEET-SP8A	Kit, Mounting Feet, 1336STEF, Frame A2 (AQF15 - AQF20)	1											
	1336-FEET-SP5A	Kit, Mounting Feet, 1336STEF, Frame A3 (AQF30 - AQF50)	1											
	1336-FEET-SP6A	Kit, Mounting Feet, 1336STEF, Frame A4 (AQF75 only)	1											
		Input MOVs - Stand Alone Only												
		T.G. Symbol -> MOV1												
	1336-MOV-SP1A	MOV, 1336STEF, 230V, 40 - 60 HP								1	1	1	1	1
	1336-MOV-SP3A	MOV, 1336STEF, 230V, 75 - 125 HP												
		Resistors												
		T.G. Symbol -> R20 - R22												
	1336-R2-SP2A	Resistor, Precharge (CB), 1336STEF, 230V, 40 HP									1			
	1336-R2-SP1A	Resistor, Precharge (CB), 1336STEF, 230V, 50 - 60 HP										1		
	1336-RLOAD-SP2A	Resistor, Load, 1336STEF, 230V, 7.5 - 30 HP	1	1	1	1	1	1						
	1336-RLOAD-SP3A	Resistor, Load, 1336STEF, 230V, 40 - 50 HP									1	1		
	1336-RLOAD-SP4A	Resistor, Load, 1336STEF, 230V, 60 HP											2	
	1336-RLOAD-SP5B	Resistor, Load, 1336STEF, 230V, 75 - 125 HP											1	1

Spare Parts - 460V PLUS, PLUS II, FORCE, IMPACT & REGEN Drives

Level	Catalog Number	Description		
Level 2		Input SCRs		
	T.G. Symbol -> SCR1, SCR1 - SCR3			
	1336-SCR-SP1A	SCR, Assem. (SA), 1336STEF, 460V, 60 - X150 HP, 50 Amps		
	1336-SCR-SP3A	SCR, Assem. (CB), 1336STEF, 460V, 60 - 100 HP		
	1336-SCR-SP5A	SCR, Assem. (CB), 1336STEF, 460V, 125 - X150 HP		
	1336-SCR-SP7A	SCR, Input (SA), 1336STEF, 460V, 150 - 250 HP		
	1336-SCR-SP9A	SCR, Input (CB), 1336STEF, 460V, 150 - 250 HP		
	1336-SCR-SP15A	SCR, Input (SA), 1336STEF, Frame F, 1 / Kit		
	1336-SCR-SP17A	SCR, Input (CB), 1336STEF 460V, F-Frame		
	1336-SCR-SP11A	SCR, Input (SA), 1336STEF, 460V, X250 - 600 HP (2 / Kit)		
	1336-SCR-SP13A	SCR, Input (CB), 1336STEF 460V, X250 - 600 HP		
	1336-SCR-SP18A	SCR.INPUT(CB),1336F,480V,J-FRAME,1/KIT		
		Transistors / IGBTs		
	1336-QOUT-SP1A	TSTR, Assem., Output, 1336ST, 460V, 7.5 - 10 HP		
	1336-QOUT-SP3A	TSTR, Assem., Output, 1336STEF, 460V, 15 HP		
	1336-QOUT-SP5A	TSTR, Assem., Output, 1336STEF, 460V, 20 HP		
	1336-QOUT-SP6A	TSTR, Assem., Output, 1336STEF, 460V, 25 - 30 HP		
	1336-QOUT-SP8A	TSTR, Assem., Output, 1336STEF, 460V, X40 - X60 HP		
	1336-QOUT-SP12A	TSTR, Assem., Output, 1336STE, 460V, 60-75 HP Series A, 2 / kit		
	1336-QOUT-SP12B	TSTR, Assem., Output, 1336STEF, 460V, 60-75HP Series B and Up, 2 / kit		
	1336-QOUT-SP13A	TSTR, Assem., Output, 1336STEF, 460V, 100 HP		
	1336-QOUT-SP14A	TSTR, Assem., Output, 1336STEF, 460V, 125 - X150 HP		
	1336-QOUT-SP18A	TSTR, Assem., Output, 1336STEF, 460V, Frame E, 2 / Kit kit includes-qty 2--Gate Interface Bds (A23 - A28)		
	1336-QOUT-SP25A	TSTR, Assem., Output, 1336STEF, 460V, Frame F, 2 / Kit kit includes-qty 2--Gate Interface Bds (A23 - A28)		
	1336-QOUT-SP20A	TSTR, Assem., Output, 1336STEF, 460V, X250-350 HP, 4 / kit includes-qty2--Gate Interface Bds (A23 - A28)		
1336-QOUT-SP21A	TSTR, Assem., Output, 1336STEF, 460V, 400-800 HP, 4 / kit includes-qty2--Gate Interface Bds (A23 - A28)			
1336-QOUT-SP29A	TSTR, ASSY, OUTPUT, 1336STEF, 480V, J-FRAME, 2/KIT			
	Precharge Modules			
	T.G. Symbol -> PCMODULE			
1336-QPRE-SP1A	1336STE, 460V, 7.5-15 HP, Ser A & B-order ser C conversion kit, 1336-CONV-SP-A			
1336-QPRE-SP1C	TSTR, Precharge, 1336STE, 460V, 7.5 - 30 HP, Series C & up 1336F, 460V, 15-30 HP			
1336-QPRE-SP3A	1336STE, 460V, 20-30 HP, Ser A & B-order ser C conversion kit 1336-CONV-SP-A			
1336-QPRE-SP5A	SCR, Precharge, (CB) 1336STEF, 460V, X40-X60 hp			
	Current Transducers			
	T.G. Symbol -> CT1, CT2			
1336-CT-SP1A	Current Transducer, 1336STEF, Frame D			
1336-CT-SP2A	Current Transducer, 1336STEF, Frame E			
1336-CT-SP4A	Current Transducer, 1336STEF, Frame F			
1336-CT-SP3A	Current Transducer, 1336STEF, Frames G, H			
1336-CT-SP5A	CURRENT TRANSDUCER,1336F,(CB) J-FRAME, 800A			
1336-CT-SP6A	CURRENT TRANSDUCER,1336F,(CB) J-FRAME, 900A			
1336-CT-SP7A	CURRENT TRANSDUCER,1336F,(CB) J-FRAME, 1000A			
1336-CT-SP4A	CURRENT TRANSDUCER,1336STE,FRAME F, J-FRAME 500-600HP			
	Fans			
	T.G. Symbol -> FAN			
1336-FAN-SP1A	Fan, 1336STEF, Frame B & Frame C			
1336-FAN-SP8A	Fan, 1336STEF, Frames B&C, NEMA 4X			
1336-FAN-SP2A	Fan, 1336STEF, Frame D (includes CHB1 Fan Capacitor)			
1336-FAN-SP3A	Fan, 1336STEF, Frame E (includes CHB1 Fan Capacitor)			
1336-FAN-SP6A	Obsolete, replaced by 1336-FAN-SP6B			
1336-FAN-SP6B	Fan, 1336STEF, Frame F (includes C-HB1 Fan Capacitor)			
1336-FAN-SP4A	Obsolete, replaced by 1336-FAN-SP4B			
1336-FAN-SP4B	Fan, Heatsink Bottom, 1336STEF, Frames G, H, (FAN 1), includes C-HB1 Cap			
1336-FAN-SP5A	Fan, Heatsink Side, 1336STEF, Frames G, H, (FAN 2), includes C-HB1 Cap.			

Spare Parts - 575V PLUS, PLUS II, FORCE, IMPACT & REGEN Drives

Revised: 5/25/2007

Level	Catalog Number	Description	
Level 2		Input SCRs	
		T.G. Symbol -> SCR1, SCR1 - SCR3	
	1336-SCR-SP2A	SCR, Assem (SA), 1336STEF, 575V, 75 - 125 HP	
	1336-SCR-SP4A	SCR, Assem (CB), 1336STEF, 575V, 75 - 100 HP	
	1336-SCR-SP6A	SCR, Assem (CB), 1336STEF, 575V, 125 HP	
	1336-SCR-SP8A	SCR, Input (SA), 1336STEF, 575V, 150 - 300 HP	
	1336-SCR-SP10A	SCR, Input (CB), 1336STEF, 575V, 150 - 300 HP	
	1336-SCR-SP16A	SCR, Input (SA), 1336TEF, 575V, Frame F, 1 / Kit	
	1336-SCR-SP17A	SCR, Input (CB), 1336TEF 460V, F-Frame	
	1336-SCR-SP12A	SCR, Input (SA), 1336STEF, 575V, 300 - 650 HP (2 / Kit)	
	1336-SCR-SP14A	SCR, Input (CB), 1336STEF 575V, 300 - 650 HP	
		Transistors / IGBTs	
		T.G. Symbol -> Q1 - Q3 or Q1 - Q6	
		1336-QOUT-SP2A	TSTR, Assem, Output, 1336STE, 575V, 7.5 - 15 HP, Series A
	1336-QOUT-SP9A	TSTR, Assem, Output, 1336STEF, 575V, 25 HP	
	1336-QOUT-SP10A	TSTR, Assem, Output, 1336STEF, 575V, 30 - 40 HP	
	1336-QOUT-SP11A	TSTR, Assem, Output, 1336STEF, 575V, 50 - 60 HP	
	1336-QOUT-SP15A	TSTR, Assem, Output, 1336STEF, 575V, 75 HP	
	1336-QOUT-SP16A	TSTR, Assem, Output, 1336STEF, 575V, 100 HP	
	1336-QOUT-SP17A	TSTR, Assem, Output, 1336STEF, 575V, 125 HP	
	1336-QOUT-SP19A	TSTR, Assem, Output, 1336STEF, 575V, 150 - 300 HP	
	1336-QOUT-SP26A	TSTR, Assem, Output, 1336TEF, 575V, 350 - 450 HP, 2 transistors / kit	
	1336-QOUT-SP22A	TSTR, Assem, Output, 1336STEF, 575V, 300 - 350 HP, 4 transistors / kit	
	1336-QOUT-SP23A	TSTR, Assem, Output, 1336STEF, 575V, 400 - 800 HP, 4 transistors / kit	
	1336-QOUT-SP24A	TSTR, Assem, Output, 1336STE, 575V, 15 HP	
		Precharge Modules	
		T.G. Symbol -> PCMODULE	
		1336-QPRE-SP2A	for 1336STE, 575V, 7.5-15 HP, Series A & B--order 1336-CONV-SPxA
	1336-QPRE-SP2C	for 1336STE, 575V, 7.5-20 HP, Series C & up	
	1336-QPRE-SP4A	for 1336STE, 575V, 20 HP, Series A & B--order 1336-CONV-SPxA	
	1336-QPRE-SP6A	SCR, precharge, (CB) 1336STEF, 575V, 25-60 HP	
		Current Transducers	
	1336-CT-SP1A	Current Transducer, 1336STEF, Frame D	
	1336-CT-SP2A	Current Transducer, 1336STEF, Frame E	
	1336-CT-SP4A	Current Transducer, 1336TEF, Frame F	
	1336-CT-SP3A	Current Transducer, 1336STEF, Frames G, H	
		Fans	
		T.G. Symbol -> FAN	
		Fan, 1336STEF, Frame B and C	
	1336-FAN-SP1A	Fan, 1336STEF, Frame B and C	
	1336-FAN-SP8A	Fan, 1336STEF, Frame B and C, NEMA 4X	
	1336-FAN-SP2A	Fan, 1336STEF, Frame D (includes CHB1 Fan Capacitor)	
	1336-FAN-SP3A	Fan, 1336STEF, Frame E (includes CHB1 Fan Capacitor)	
	1336-FAN-SP6A	Obsolete, replaced by 1336-FAN-SP6B	
	1336-FAN-SP6B	Fan, 1336STEF, Frame F (includes CHB1 Fan Capacitor)	
	1336-FAN-SP4A	Obsolete, replaced by 1336-FAN-SP4B	
	1336-FAN-SP4B	Fan, Heatsink Bottom, 1336STEF, Frames G, H (FAN 1)	
	1336-FAN-SP5A	Fan, Heatsink Side, 1336STEF, Frames G, H (FAN 2)	
	1336-FAN-SP7A	Fan, 1336STEF, Frame A4 only, includes grill & mounting screws	
1336-FAN-SP9A	Fan, Converter, 1336E, Frame H		