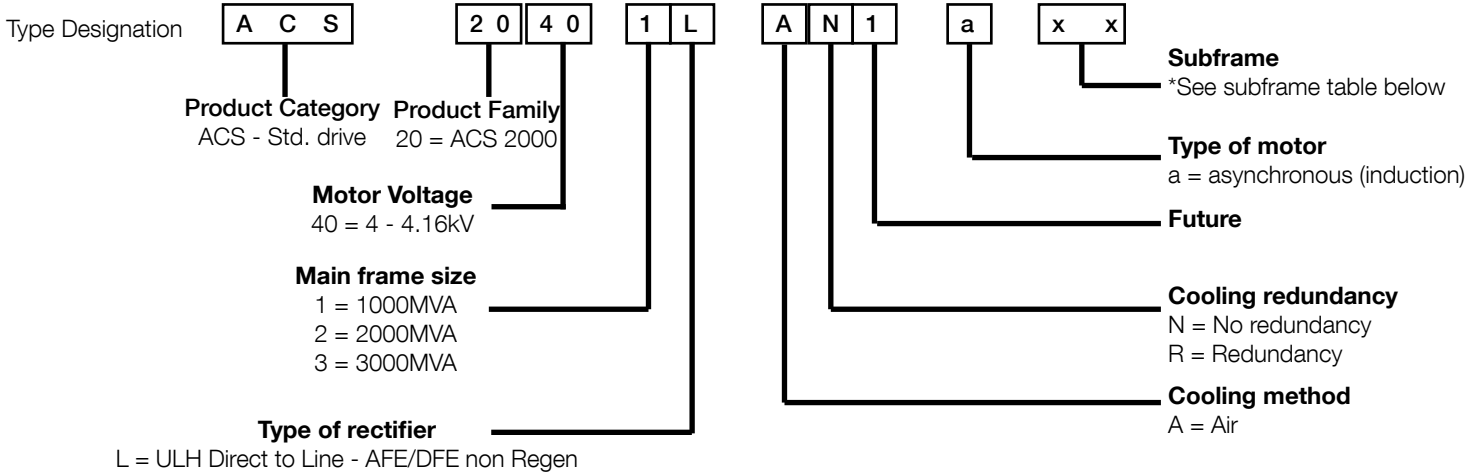


Drive Identification

Use the following chart to interpret the type code found on the serial number nameplate.



*ACS2000 Subframe Table

Type	Maximum shaft power (no overload) [hp (Kw)] 4kV main frames			
	Subframe Code	1 (1 MVA)	2 (2 MVA)	3 (3 MVA)
0 C		300 (224)		
0 D		350 (261)		
0 E		400 (298)		
0 F		450 (336)		
0 H		500 (383)		
0 L		600 (447)		
0 Q		700 (522)		
0 R		800 (597)		
0 T		900 (671)		
0 V		1000 (746)		
0 Z			1250 (932)	
1 C			1500 (1119)	
1 F			1750 (1305)	
1 H			2000 (1491)	
1 J				2250 (1671)
1 N				2500 (1864)
2 A				2750 (2050)
2 B				3000 (2237)

ACS2000 4kV spare parts

Master list

Category	ACS2000 4KV Part	Type	Description	F1	F2	F3	Disc	Page
Power electronics								
Semiconductors								
	2UEA001345	Phase Module Kit	Phase Module with Removal Tool	x				21
	2UEA002570	Phase Module Kit	Phase Module with Removal Tool		x			32
	2UEA003021	Phase Module Kit	Phase Module and Removal Tool			x		34, 41
	2UEA003051	Crowbar Stack Assembly	Crowbar Assembly	x				22
	2UAE003063	Crowbar Stack Assembly	Crowbar Assembly		x			26
	2UEA003031	Crowbar Stack Assembly	Crowbar Assembly			x		35
	2UEA000911	Diode Clamp	Diode Clamp	x	x	x		22, 31, 42
Resistors								
	3BHB024326R0001	NP Grounding Filter Assembly	Filter	x	x	x		19, 27, 39
	2UEA000360	Resistor, Clamp	Clamp Resistor	x	x			22, 31
	2UEA001469	Resistor, Clamp	Clamp Resistor			x		42
	2UEA000893	Resistor, DC Link	Symmetry Resistor	x				22
	2UEA001348	Resistor, DC Link	Symmetry Resistor		x			26
	2UEA001470	Resistor, DC Link	Symmetry Resistor			x		38
	2UEA000993	Resistor, IFU	IFU Resistor	x				19
	2UEA001350	Resistor, IFU	IFU Resistor		x			29
	2UEA001467	Resistor, IFU	IFU Resistor			x		40
	2UEA000711	Resistor, CM Filter	IFU Resistor	x				19
	2UEA001407	Resistor, CM Filter	IFU Resistor		x	x		25, 40
	2UEA000004	Resistor, EMC Filter	EMC Resistor	x				19
	2UEA001505	Resistor, EMC Filter	EMC Resistor		x			29
	2UEA001472	Resistor, EMC Filter	EMC Resistor			x		40
Capacitors								
	2UEA000005	Capacitor, EMC Filter	EMC Capacitor	x				19
	2UEA001404	Capacitor, EMC Filter	EMC Capacitor		x			28
	2UEA001464	Capacitor, EMC Filter	EMC Capacitor			x		
	2UEA000358	Capacitor, DC Link	DC Link	x				21
	2UEA001406	Capacitor, DC Link	DC Link		x			26
	2UEA001466	Capacitor, DC Link	DC Link			x		34
	2UEA000357	Capacitor, Clamp	Clamp	x				22
	2UEA001405	Capacitor, Clamp	Clamp		x			31
	2UEA001465	Capacitor, Clamp	Clamp			x		35
	2UEA000992	IFU Capacitor	IFU Capacitor	x				19
	2UEA001352	IFU Capacitor	IFU Capacitor		x			27, 28
	2UEA001463	IFU Capacitor	IFU Capacitor			x		35, 38
	3BHB020698R0010	NP Grounding Capacitor	Grounding Capacitor	x	x	x		19,27,39
Inductors								
	2UEA001899	Transformer	Transformer, 4160V to 480V; 15KVA	x	x		x	47
	2UEA001900	Transformer	Transformer, 4160V to 480V; 20KVA			x	x	47
	2UEA002611	Transformer	Transformer 480V to 120V; 2KVA	x	x	x	x	
	2UEA002918	Inductor Stack Kit	Inductor Stack kit with Base	x				20
	2UEA003159	Inductor Stack Kit	Inductor Stack kit with Base		x			28
	2UEA003164	Inductor Stack Kit	Inductor Stack kit with Base			x		38
	2UEA000883	Inductor, Clamp	Clamp Inductor	x				22
	2UEA001403	Inductor, Clamp	Clamp Inductor		x			31
See Note 2 on page 49	2UEA003213	Inductor, Clamp	Clamp Inductor			x		42
See Note 2 on page 49	2UEA002974	Inductor, Clamp	Clamp Inductor			x		42

ACS2000 4kV spare parts list

Master list

Category	ACS2000 4KV Part	Type	Description	F1	F2	F3	Disc	Page
	2UEA003165	Inductor, Common Mode	Common Mode Inductor			x		34, 37
	2UEA000886	Inductor, EMC Filter Inductor	EMC Filter Inductor (SN<2124903744)	x				20
	2UEA003160	Inductor, EMC Filter Inductor	EMC Filter Inductor		x			28
	2UEA003166	Inductor, EMC Filter Inductor	EMC Filter Inductor			x		34, 37
	2UEA002349	Inrestor	Inrestor	x				20
	2UEA003150	Inrestor	Inrestor		x			26
	2UEA002348	Inrestor	Inrestor			x		34
Charging unit								
	2UEA000967	High Voltage Relay	High Voltage Relay	x	x	x		19,27,39
	2UEA000138	Charging transformer 400/460V, 4200V	Charging Transformer	x	x	x		19,28,38
Circuit Protection								
	2UEA001267	Fuse 70 Amp	Power Fuse (300 - 400 HP)	x			x	17,47
	2UEA001268	Fuse 140 Amp	Power Fuse (450 - 700; 1250 HP)	x	x		x	17,24,47
	2UEA002203	Fuse, 160 Amp	Power Fuse (1500-1750 HP)		x		x	24,47
	2UEA000093	Fuse 200 Amp	Power Fuse (800 - 1000; 2000 HP)	x	x		x	17,24
	2UEA001947	Fuse 230 Amp	Power Fuse (2250 - 3000 HP)			x	x	36
	2UEA002431	Fuse	Fuse, MV, 4A				x	47
	2UEA001927	Fuse	Fuse, 3.2A				x	48
	2UEA000149	Surge Arrestor	Surge Arrestor	x	x	x		17,24,36
Control electronics								
Printed circuit boards								
	3BHE024577R0101	PP C907 BE: AMC 34 - PCB Varnished	Application and Motor Control	x	x	x		15
	3BHE024855R0101	UF C921 A101: INT-2 Board Varnished	Interface board	x	x	x		15
	3BHE024747R0101	Crowbar Board	Crowbar Board	x	x	x		22,26
	3BHE032285R0102	HVD Board Varnished.	High Voltage Divider	x	x	x		19,27,39
	3BHE009017R0102	VLSCD-Board, Coated, Type XV C724 BE	Short Circuit Detection	x	x	x		22,31,42
	3BHE005555R0101	LD SYN-01	Sync Board	x	x	x		19,27,39
	3BHE020959R0127	IPS Single Voltage 27V	IGBT Power Supply	x	x	x		19,27,39
	3BHE006373R0101	OEI-Board	Optical Electrical Interface	x	x	x		19,27,39
I/Os								
	3BHB003041R0101	IOEC IO	IO Module	x	x	x		15
	2UEA000843	IOEC Connector-3 Position	IO Module	x	x	x		15
	2UEA000861	IOEC Connector-7 Position	IO Module	x	x	x		15
	2UEA000845	IOEC Connector-10 Position	IO Module	x	x	x		15
*Long lead item	2UEA003570	Intellivac	Intellivac	x	x	x	x	48
	2UEA001919	Motor Management Relay	Motor Management Relay	x	x	x	x	
	2UEA003092	Motor Management Relay	Motor Management Relay	x	x	x	x	
Transducers								
	2UEA000988	Current Transducer	LEM CT	x				19
	2UEA001456	Current Transducer	LEM CT		x			25
	2UEA002111	Current Transducer	LEM CT			x		38
	2UEA001894	Current Transducer	Current Transducer (500A) Frame 1&2	x	x		x	45
	2UEA003040	Current Transducer	Current Transducer (1000A) Frame 3			x	x	45
Power supplies								
	2UEA002224	Power Supply	+24VDC Main Power Supply, 40A 480AC	x	x	x		15
	2UEA002709	Power Supply	+24VDC Main Power Supply, 120/240AC (+SPC01)	x	x	x		15