

LINESTARTERS

Classes 11-200-D1, D2, E, F1, F2, F51, F52
Classes 11-210-D1, D2, E

Starter Complete					Type F Contactor				Overload Relay				
Class	With Cabinet	Without Cabinet	Volts	Cycles	Frame Number	Contactors Without Coil	Operating Coil	Renewal Parts Data Number	Type	Relay	Heater Element	Transformer	Renewal Parts Data Number
	Style Number	Style Number				One per Starter				One per Starter	Two per Starter		
						Style Number	Style Number				Style Number	Table	
11-200-D1	552 318	653 811	220	60	45-F	357 558	302 712	21050	TA	489 130	B	NONE	23300
"	552 319	653 812	440	60	"	"	302 713	"	"	"	"	"	"
"	552 320	653 813	550	60	"	"	696 684	"	"	"	"	"	"
"	552 321	653 814	220	50	"	"	306 853	"	"	"	"	"	"
"	552 322	653 815	440	50	"	"	776 082	"	"	"	"	"	"
"	552 323	653 816	550	50	"	"	468 852	"	"	"	"	"	"
"	552 324	653 817	220	25	"	"	776 082	"	"	"	"	"	"
"	552 325	653 818	440	25	"	"	306 855	"	"	"	"	"	"
"	552 326	653 819	550	25	"	"	306 856	"	"	"	"	"	"
11-200-D2	552 327	653 820	220	60	"	"	302 712	"	"	489 129	D	512 090	"
"	552 328	653 821	440	60	"	"	302 713	"	"	"	"	"	"
"	552 329	653 822	550	60	"	"	696 684	"	"	"	"	"	"
"	552 356	653 823	220	50	"	"	306 853	"	"	"	"	512 088	"
"	552 357	653 824	440	50	"	"	776 082	"	"	"	"	"	"
"	552 358	653 825	550	50	"	"	468 852	"	"	"	"	"	"
"	552 359	653 826	220	25	"	"	776 082	"	"	"	"	512 086	"
"	552 360	653 827	440	25	"	"	306 855	"	"	"	"	"	"
"	552 361	653 828	550	25	"	"	306 856	"	"	"	"	"	"
11-200-E	552 330	653 802	220	60	55-F	357 568	302 723	"	"	"	"	512 090	"
"	552 331	653 803	440	60	"	"	306 897	"	"	"	"	"	"
"	552 332	653 804	550	60	"	"	306 898	"	"	"	"	"	"
"	552 333	653 805	220	50	"	"	306 899	"	"	"	"	512 088	"
"	552 334	653 806	440	50	"	"	306 898	"	"	"	"	"	"
"	552 335	653 807	550	50	"	"	311 577	"	"	"	"	"	"
"	552 336	653 808	220	25	"	"	306 898	"	"	"	"	512 086	"
"	552 337	653 809	440	25	"	"	306 900	"	"	"	"	"	"
"	552 338	653 810	550	25	"	"	306 901	"	"	"	"	"	"
11-200-F1	584 305	653 793	220	60	65-F	468 081	493 872	21055	"	489 130	"	512 090	"
"	584 306	653 794	440	60	"	"	493 873	"	"	"	"	"	"
"	584 307	653 795	550	60	"	"	493 874	"	"	"	"	"	"
"	584 311	653 796	220	50	"	"	696 691	"	"	"	"	512 088	"
"	584 312	653 797	440	50	"	"	783 178	"	"	"	"	"	"
"	584 313	653 798	550	50	"	"	783 177	"	"	"	"	"	"
"	584 317	653 799	220	25	"	"	783 178	"	"	"	"	512 086	"
"	584 318	653 800	440	25	"	"	783 181	"	"	"	"	"	"
"	584 319	653 801	550	25	"	"	783 180	"	"	"	"	"	"
11-200-F2	584 308	653 784	220	60	"	"	493 872	"	"	"	"	512 091	"
"	584 309	653 785	440	60	"	"	493 873	"	"	"	"	"	"
"	584 310	653 786	550	60	"	"	493 874	"	"	"	"	"	"
"	584 314	653 787	220	50	"	"	696 691	"	"	"	"	512 089	"
"	584 315	653 788	440	50	"	"	783 178	"	"	"	"	"	"
"	584 316	653 789	550	50	"	"	783 177	"	"	"	"	"	"
"	584 320	653 790	220	25	"	"	783 178	"	"	"	"	512 087	"
"	584 321	653 791	440	25	"	"	783 181	"	"	"	"	"	"
"	584 322	653 792	550	25	"	"	783 180	"	"	"	"	"	"
11-200-F51	850 648		220	60	65-F5	678 220	822 154	21320	TA-2	653 840	"	512 090	23310
"	850 649		440	60	12-F5	559 637	585 571	21210	"	"	"	"	"
"					65-F5	678 220	822 155	21320	"	"	"	"	"
"					12-F5	559 637	585 572	21210	"	"	"	"	"
11-200-F52	850 650		220	60	65-F5	678 220	822 154	21320	"	"	"	512 091	"
"	850 651		440	60	12-F5	559 637	585 571	21210	"	"	"	"	"
"					65-F5	678 220	822 155	21320	"	"	"	"	"
"					12-F5	559 637	585 572	21210	"	"	"	"	"

Electrical Interlocks

Starter Class	Type	One per Starter	Renewal Parts Data Number
		Style Number	
11-200-D1	L-33	560 515	24435
11-200-D2	"	"	"
11-200-E	"	567 212	"
11-200-F1	L-4	406 915	24405
11-200-F2	"	"	"

See Page 2 for Heater Tables B and D.

Westinghouse Electric Corporation

East Pittsburgh, Pa.

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LINESTARTERS

Classes 11-200-D1, D2, E, F1, F2, F51, F52
Classes 11-210-D1, D2, E

Starter Complete					Type F Contactor				Overload Relay				
Class	With Cabinet	Without Cabinet	Volts	Cycles	Frame Number	Contactor Without Coil	Operating Coil	Renewal Parts Data Number	Type	Relay	Heater Element	Trans-former	Renewal Parts Data Number
	Style Number	Style Number				Two per Starter				One per Starter	Two per Starter		
						Style Number	Style Number			Style Number	Table	Style Number	
11-210-D1	696 315	696 324	220	25	45-F	357 558	776 082	21050	TA-2	653 841	B	NONE	23310
"	696 316	696 325	440	25	"	"	306 855	"	"	"	"	"	"
"	696 317	696 326	550	25	"	"	306 856	"	"	"	"	"	"
"	696 318	696 327	220	50	"	"	306 853	"	"	"	"	"	"
"	696 319	696 328	440	50	"	"	776 082	"	"	"	"	"	"
"	696 320	696 329	550	50	"	"	468 852	"	"	"	"	"	"
"	696 321	696 330	220	60	"	"	302 712	"	"	"	"	"	"
"	696 322	696 331	440	60	"	"	302 713	"	"	"	"	"	"
"	696 323	696 332	550	60	"	"	696 684	"	"	"	"	"	"
11-210-D2	696 333	696 342	200	25	"	"	776 082	"	"	653 840	D	512 086	"
"	696 334	696 343	440	25	"	"	306 855	"	"	"	"	"	"
"	696 335	696 344	550	25	"	"	306 856	"	"	"	"	"	"
"	696 336	696 345	220	50	"	"	306 853	"	"	"	"	512 088	"
"	696 337	696 346	440	50	"	"	776 082	"	"	"	"	"	"
"	696 338	696 347	550	50	"	"	468 852	"	"	"	"	"	"
"	696 339	696 348	220	60	"	"	302 712	"	"	"	"	512 090	"
"	696 340	696 349	440	60	"	"	302 713	"	"	"	"	"	"
"	696 341	696 350	550	60	"	"	696 684	"	"	"	"	"	"
11-210-E	696 351	696 360	220	25	55-F	357 568	306 898	"	"	"	"	512 086	"
"	696 352	696 361	440	25	"	"	306 900	"	"	"	"	"	"
"	696 353	696 362	550	25	"	"	306 901	"	"	"	"	"	"
"	696 354	696 363	220	50	"	"	306 899	"	"	"	"	512 088	"
"	696 355	696 364	440	50	"	"	306 898	"	"	"	"	"	"
"	696 356	696 365	550	50	"	"	311 577	"	"	"	"	"	"
"	696 357	696 366	220	60	"	"	302 723	"	"	"	"	512 090	"
"	696 358	696 367	440	60	"	"	306 897	"	"	"	"	"	"
"	696 359	696 368	550	60	"	"	306 898	"	"	"	"	"	"

Table B			Table D		
Without Transformers			With Transformers		
Full Load Current of Motor	Ampere Rating of Heater	Style of Heater	Full Load Current of Motor	Ampere Rating of Combination	Style of Heater
32.-35.	41.	501 694	70.- 91.	100.	511 343
35.-42.	48.	760 593	91.-109.	120.	474 419
42.-50.	58.	474 432	109.-127.	140.	474 420
50.-58.	68.	474 433	127.-145.	160.	474 421
58.-62.	71.	474 434	145.-159.	175.	474 422
62.-70.	81.	474 436	159.-200.	210.	502 915
70.-83.	95.	539 018	200.-225.	250.	474 425
.....	...	...	225.-252.	280.	474 426
.....	...	...	252.-300.	310.	474 427

Electrical Interlocks

Starter Class	Type	Two per Starter	Renewal Parts Data Number
		Style Number	
11-210-D1	L-4	406 915	24405
11-210-D2	"	"	"
11-210-E	"	"	"