



1387 DC Spindle Drive Spare Parts

1387 DC Spindle Drive 230 VAC - Series A

Description	20 to 56Amp	80 Amp	90 to 110 Amp	145 to 180 Amp	215 to 260 Amp
I/O Board, 115VAC	115832	115832	115832	115832	115832
I/O Board, 24 VDC	117482	117482	117482	117482	117482
Control Board	117481	117481	117481	117481	117481
Firing Board	117478	117478	117478	117478	117478
Armature Pulse Transformer Board	110996	110996	110996	110996	110996
Field Pulse Transformer Board	110997	110997	110997	110997	110997
Fuse Holder F1, F2, F3	107431	107431	107431	107431	107431
Fuses F1,F2, F3,KTK-R, 25 amp	101705	101705	101705	101705	101705
Incoming Line Fuses F4,F5,F6 (rating)	155621	140053	155622	155624	155625
	(70A/500v)	(100A/500V)	(150A/500V)	(250A/500V)	(350 A/ 500V)
Incoming Circuit Breaker	123477	123476	123476	123888	123887
Field SCR's	142570	142570	142570	142570	142570
Armature SCR's	192696	192696	192696	192698	192699
Control Phasing Transformer	115529	115529	115529	115529	115529
Control Circuit Breaker (0.5 A)	106578	106578	106578	106578	106578
Control Circuit Beaker (1 A)	106579	106579	106579	106579	106579
Contactator without Dynamic Brake	123149	123155	123155	123161	123167
Contactator with Dynamic Brake	123173	123179	123179	123185	123191
Suppressor for contactor	151644	151644	151644	151644	151644
Pilot Relay	112928	112928	112928	112928	112928

Feedback Assembly Board Obsolete: See Notes on bottom of page

Suppressor Assembly Obsolete: See Notes on bottom of page.

1387 DC Spindle 460 VAC - Series A

Description	56 Amp	80 Amp	110 Amp	180 Amp	260 Amp
I/O Board, 115VAC	115832	115832	115832	115832	115832
I/O Board, 24 VDC	117482	117482	117482	117482	117482
Control Board	117481	117481	117481	117481	117481
Firing Board	117478	117478	117478	117478	117478
Armature Pulse Transformer Board	110996	110996	110996	110996	110996
Field Pulse Transformer Board	110997	110997	110997	110997	110997
Fuses F1,F2, F3,KTK-R, 25 amp	101705	101705	101705	101705	101705
Fuse Holder F1, F2, F3	107431	107431	107431	107431	107431
Incoming Line Fuses F4,F5,F6 (rating)	155621	140053	155622	155624	155625
	(70A/500V)	(100A/500V)	(150A/500V)	(250A/500V)	(350A/500V)
Incoming Circuit Breaker	123477	123476	123476	123888	123887
Field SCRS	142570	142570	142570	142570	142570
Armature SCRS	192696	192696	192696	192698	192699
Control Phasing Transformer	115532	115532	115532	115532	115532
Control Circuit Breaker (0.5 A)	106578	106578	106578	106578	106578
Control Circuit Beaker (1 A)	106579	106579	106579	106579	106579
Contactator without Dynamic Brake	123152	123158	123158	123164	123170
Contactator with Dynamic Brake	123176	123182	123182	123188	123194
Suppressor for contactor	115621	115621	115621	115621	115621
Pilot Relay	112928	112928	112928	112928	112928

Feedback Assembly Board Obsolete: See Notes on bottom of page

Suppressor Assembly Obsolete: See Notes on bottom of page.



1387B DC Spindle Drive 230 VAC-Series B

<u>Description</u>	<u>56Amp</u>	<u>80 Amp</u>	<u>110 Amp</u>	<u>180 Amp</u>	<u>260 Amp</u>
I/O Board, 115VAC	115832	115832	115832	115832	115832
I/O Board, 24 VDC	117482	117482	117482	117482	117482
Control Board	117481	117481	117481	117481	117481
Firing Board	117478	117478	117478	117478	117478
Armature Pulse Transformer Board	110996	110996	110996	110996	110996
Field Pulse Transformer Board	110997	110997	110997	110997	110997
Feedback Board	117483	117483	117483	117483	117483
Fuse Holder F1, F2, F3	107431	107431	107431	107431	107431
Fuses F1,F2, F3,KTK-R, 25 amp	101705	101705	101705	101705	101705
Incoming Line Fuses F4,F5,F6 (rating)	155621	140053	155622	155624	155625
	(70A/500V)	(100A/500V)	(150A/500V)	(250A/500V)	(350A/500V)
Incoming Circuit Breaker	123477	123476	123476	123888	123887
Field SCRS	142570	142570	142570	142570	142570
Armature SCRS	192696	192696	192696	192698	192699
Incoming AC MOV	115547	115547	115547	115547	115547
Field Suppressor	115549	115549	115549	115549	115549
Control Phasing Transformer	115529	115529	115529	115529	115529
Control Circuit Breaker (0.5 A)	106578	106578	106578	106578	106578
Control Circuit Beaker (1 A)	106579	106579	106579	106579	106579
Contactator without Dynamic Brake	123149	123155	123155	123161	123167
Contactator with Dynamic Brake	123173	123179	123179	123185	123191
Suppressor for contactor	151644	151644	151644	151644	151644
Pilot Relay	112928	112928	112928	112928	112928

1387B DC Spindle Drive 460 VAC - Series B

<u>Description</u>	<u>56 Amp</u>	<u>80 Amp</u>	<u>110 Amp</u>	<u>180 Amp</u>	<u>260 Amp</u>
I/O Board, 115VAC	115832	115832	115832	115832	115832
I/O Board, 24 VDC	117482	117482	117482	117482	117482
Control Board	117481	117481	117481	117481	117481
Firing Board	117478	117478	117478	117478	117478
Armature Pulse Transformer Board	110996	110996	110996	110996	110996
Field Pulse Transformer Board	110997	110997	110997	110997	110997
Feedback Assembly Board	117485	117485	117485	117485	117485
Fuses F1,F2, F3,KTK-R, 25 amp	101705	101705	101705	101705	101705
Fuse Holder F1, F2, F3	107431	107431	107431	107431	107431
Incoming Line Fuses F4,F5,F6 (rating)	155621	140053	155622	155624	155625
	(70A/500V)	(100A/500V)	(150A/500V)	(250A/500V)	(350A/500V)
Incoming Circuit Breaker	123477	123476	123476	123888	123887
Field SCRS	142570	142570	142570	142570	142570
Armature SCRS	192696	192696	192696	192698	192699
Incoming AC MOV	115547	115547	115547	115547	115547
Field Suppressor	115549	115549	115549	115549	115549
Control Phasing Transformer	115532	115532	115532	115532	115532
Control Circuit Breaker (0.5 A)	106578	106578	106578	106578	106578
Control Circuit Beaker (1 A)	106579	106579	106579	106579	106579
Contactator without Dynamic Brake	123152	123158	123158	123164	123170
Contactator with Dynamic Brake	123176	123182	123182	123188	123194
Suppressor for contactor	115621	115621	115621	115621	115621
Pilot Relay	112928	112928	112928	112928	112928



<u>Ribbon Cable Description</u>	<u>Part Number</u>
TB1 to J2 on CA Board	108606
TB2 to J5 on I/O Board	108607
TB3 to J6 on I/O Board	108607
J1 of CA bd. to J4 of I/O Board	108605
J3 of CA bd. to J7 of I/O Board	108610
J1 of I/O to J2 of Control to J8 of Firing	108611
J2 of I/O to J3 of Control to J9 of Firing	108611
J2 of Firing to Feedback	109129
J3 of Firing to J1 of Armature Pulse Board	108608
J4 of Firing to J1 of Armature Pulse Board	108608
J5 of Firing to J1 of Armature Board	108608
J6 of Firing to J1 of Field Pulse Board	108609

Note: on obsolete feedback boards and suppressor assemblies: Please contact local Allen-Bradley support office and reference technical notes Dc7-012 and Dc7-013. A new assembly will require internal wiring changes of the drive.