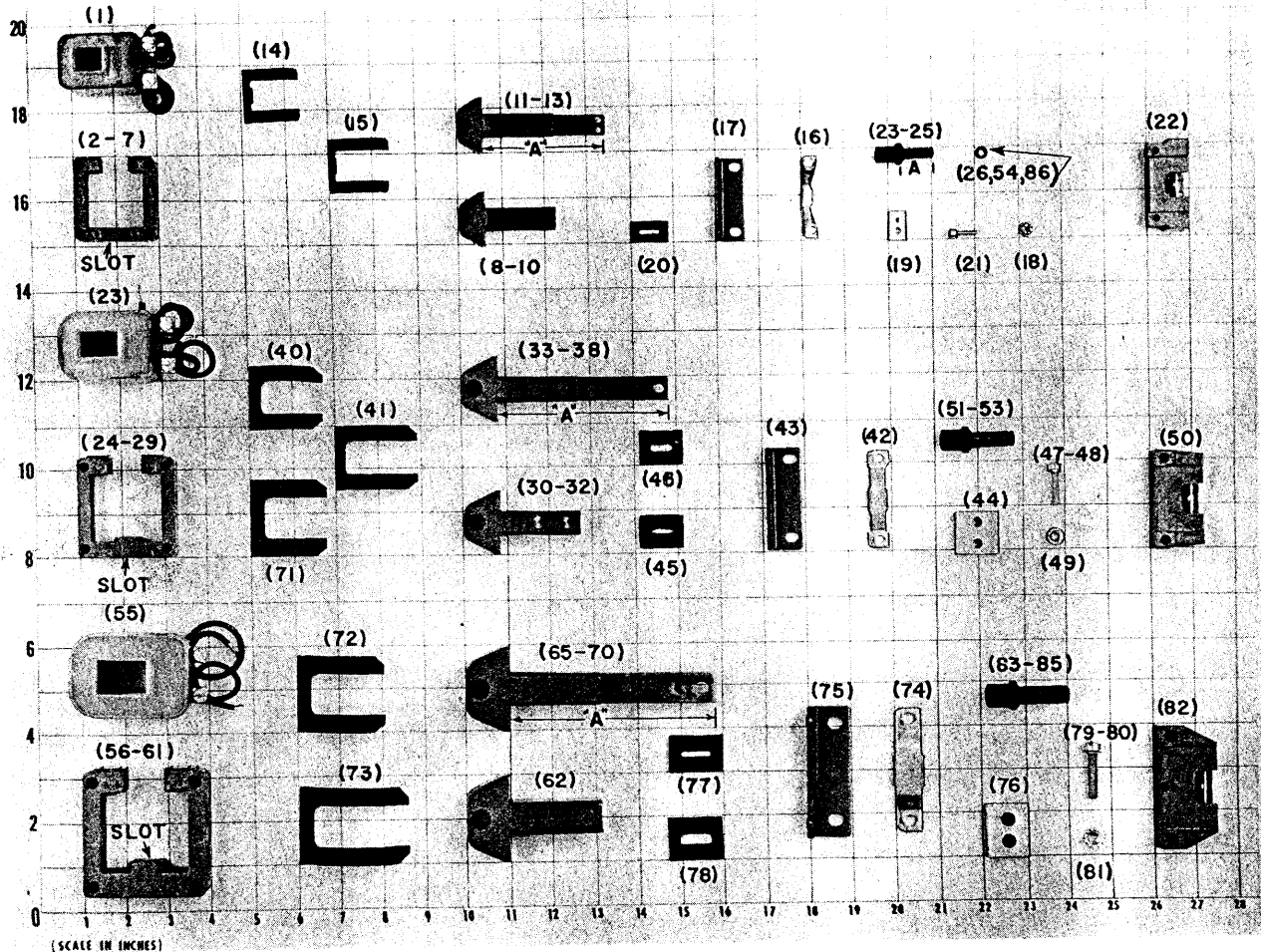




INDUSTRIAL SOLENOID

CR9500A, B, C



PARTS FOR "STAND-BY" SERVICE

The following may be used to aid the User in a "Preventive Maintenance" program.

The parts shown in this bulletin may require occasional replacement due to normal wear. This table gives suggested quantities of these parts the User should stock for "Stand-by" service.

To Use The Table, take the following steps:—

1. Determine the total number of similar devices or forms in your possession or on your order.
2. Determine the number of parts in use on these devices.
3. From the Table, determine the suggested stock requirements. (For Foreign applications, we suggest the quantities be doubled.)

PART DESCRIPTION	Min. Quantity For (1) Device	OR	% of Total Number of Similar Devices
Operating Coil	1		20%
Magnet Frame	1		5%
Plunger	1		5%
Cutout Switch	1		2%

This Bulletin does not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with its maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the nearest authorized Renewal Parts Distributor.

RENEWAL PARTS CR9500B105A THRU CR9500B108F

Ref.	Recommended for Stock	Description	CUSTOMER has this device → ORDER these parts in quantities shown CATALOG ↓																							
				CR9500B105A*	CR9500B105B*	CR9500B105C*	CR9500B105D*	CR9500B105E*	CR9500B105F*	CR9500B106A*	CR9500B106B*	CR9500B106C*	CR9500B106D*	CR9500B106E*	CR9500B107A*	CR9500B107B*	CR9500B107C*	CR9500B107D*	CR9500B107E*	CR9500B107F*	CR9500B108A*	CR9500B108B*	CR9500B108C*	CR9500B108D*	CR9500B108E*	CR9500B108F*
23	X	Operating coil	See Table II Col.	F	F	F	F	F	F	F	D	D	D	D	E	E	E	E	E	F	F	F	F	F	F	F
27	X	Magnet Frame (7/8" thick) (Slot in bottom)	9723645G7																							
28	X	Magnet Frame (1 1/8" thick) (Slot in bottom)	9723645G8																							
29	X	Magnet Frame (1 1/2" thick) (Slot in bottom)	9723645G9																							
33	X	Plunger (7/8" thick) ("A" Dim. = 4 1/2")	9723646G7																							
34	X	Plunger (1 1/8" thick) ("A" Dim. = 4 1/2")	9723646G8																							
35	X	Plunger (1 1/2" thick) ("A" Dim. = 4 1/2")	9723646G9																							
38	X	Plunger (1 1/2" thick) ("A" Dim. = 4")	9723646G15																							
39		Coil retainer	9756581P1																							
40		Coil retainer	9756582P1																							
41		Coil retainer	9756583P1																							
42		Throat bracket	5757027P1																							
43		Mounting bracket	9644951P1																							
44		Stop for plunger	9644965P1																							
45		Pad for stop	9644963P1																							
46		Pad for stop	9644963P2																							
47		Screw with lockwasher (#10-32 x 3/8")	544A894P1																							
48		Screw with lockwasher (#10-32 x 1")	544A894P2																							
49		Locknut (For stop)	N238P16C6																							

* Suffix identifies operating coil. See coil tables for catalog number.

RENEWAL PARTS CR9500B200A THRU CR9500B208B

Ref.	Recommended for Stock	Description	CUSTOMER has this device → ORDER these parts in quantities shown CATALOG ↓																							
				CR9500B200A*	CR9500B200B*	CR9500B201A*	CR9500B201B*	CR9500B202A*	CR9500B202B*	CR9500B203A*	CR9500B203B*	CR9500B204A*	CR9500B204B*	CR9500B205A*	CR9500B205B*	CR9500B206A*	CR9500B206B*	CR9500B207A*	CR9500B207B*	CR9500B208A*	CR9500B208B*					
23	X	Operating coil	See Table II Col.	G	G	H	H	J	J	J	G	H	H	J	J	G	H	H	J	J						
24	X	Magnet Frame (7/8" thick)	9723645G1																							
25	X	Magnet Frame (1 1/8" thick)	9723645G2																							
26	X	Magnet Frame (1 1/2" thick)	9723645G3																							
27	X	Magnet Frame (7/8" thick) (Slot in bottom)	9723645G7																							
28	X	Magnet Frame (1 1/8" thick) (Slot in bottom)	9723645G8																							
29	X	Magnet Frame (1 1/2" thick) (Slot in bottom)	9723645G9																							
30	X	Plunger (7/8" thick)	9723646G1																							
31	X	Plunger (1 1/8" thick)	9723646G2																							
32	X	Plunger (1 1/2" thick)	9723646G3																							
33	X	Plunger (7/8" thick)	9723646G7																							
34	X	Plunger (1 1/8" thick)	9723646G8																							
35	X	Plunger (1 1/2" thick)	9723646G9																							
36	X	Plunger (7/8" thick)	9723646G13																							
37	X	Plunger (1 1/8" thick)	9723646G14																							
38	X	Plunger (1 1/2" thick)	9723646G15																							
39		Coil retainer	9756581P1																							
40		Coil retainer	9756582P1																							
41		Coil retainer	9756583P1																							
42		Throat bracket	5757027P1																							
43		Mounting bracket	9644951P1																							
44		Stop for plunger	9644965P1																							
45		Pad for stop	9644963P1																							
46		Pad for stop	9644963P2																							
47		Screw with lockwasher #10-32	544A894P1																							
48		Screw with lockwasher #10-32	544A894P2																							
49		Locknut	N238P16C6																							
50	X	Cutout switch	281A851G2																							
51		Operating rod and cap ("A" = 2 3/8")	543A593G1																							
52		Operating rod and cap ("A" = 1 3/4")	543A593G2																							
53		Operating rod and cap ("A" = 1 1/2")	543A593G3																							
54		"O" Ring (Not illustrated)	541A544P2																							

* Suffix identifies operating coil. See coil tables for catalog number.

RENEWAL PARTS CR9500C100A THRU CR9500C104F

Ref.	Recommended for Stock	Description	CUSTOMER has this device → ORDER these parts in quantities shown CATALOG ↓																													
				CR9500C100A*	CR9500C100B*	CR9500C100C*	CR9500C100D*	CR9500C100E*	CR9500C100F*	CR9500C101A*	CR9500C101B*	CR9500C101C*	CR9500C101D*	CR9500C101E*	CR9500C101F*	CR9500C102A*	CR9500C102B*	CR9500C102C*	CR9500C102D*	CR9500C102E*	CR9500C102F*	CR9500C103A*	CR9500C103B*	CR9500C103C*	CR9500C103D*	CR9500C103E*	CR9500C103F*	CR9500C104A*	CR9500C104B*	CR9500C104C*	CR9500C104E*	CR9500C104F*
55	X	Operating coil	See Table III Col.	A	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	E	E	E	E	E	
56	X	Magnet Frame (1 1/8" thick)	9723645G4																													
57	X	Magnet Frame (1 1/4" thick)	9723645G5																													
58	X	Magnet Frame (1 1/8" thick)	9723645G6																													
59	X	Magnet Frame (1 1/4" thick) (Slot in bottom)	9723645G10																													
60	X	Magnet Frame (1 1/4" thick) (Slot in bottom)	9723645G11																													
62	X	Plunger (1 1/4" thick)	9723646G4																													
63	X	Plunger (1 1/4" thick)	9723646G5																													
64	X	Plunger (1 1/8" thick)	9723646G6																													
68	X	Plunger (1 1/4" thick) ("A" Dim. = 4 7/8")	9723646G16																													
69	X	Plunger (1 1/4" thick) ("A" Dim. = 4 7/8")	9723646G17																													

(Continued on page 4)

CAUTION: WHEN ORDERING COILS, ALWAYS SPECIFY VOLTS & CYCLES

TABLE I
Operating Coils. Quantity One (1) Per Device

Note: The number and letter following the CR designation identifies the operating coil. Example: CR9500A100A2A uses coil from column "A", Cat. 15D1G2 rated 115 volts and 60 cycles.

A.C. Coils

Device Suffix	Volts	Cycles	Column A Coil Catalog	Column B Coil Catalog	Column C Coil Catalog	Column D Coil Catalog	Column E Coil Catalog	Column F Coil Catalog
2A	115	60	15D1G2	15D2G2	15D3G2	15D1G14	15D2G14	15D3G14
3A	230	60	15D1G3	15D2G3	15D3G3	15D1G15	15D2G15	15D3G15
4A	460	60	15D1G4	15D2G4	15D3G4	15D1G16	15D2G16	15D3G16
5A	575	60	15D1G5	15D2G5	15D3G5	15D1G17	15D2G17	15D3G17
6A	115	50	15D1G6	15D2G6	15D3G6	15D1G18	15D2G18	15D3G18
7A	230	50	15D1G7	15D2G7	15D3G7	15D1G19	15D2G19	15D3G19
8A	460	50	15D1G8	15D2G8	15D3G8	15D1G20	15D2G20	15D3G20
9A	575	50	15D1G9	15D2G9	15D3G9	15D1G21	15D2G21	15D3G21
10A	115	25	15D1G3	15D2G3	15D3G3	15D1G7	15D2G22	15D3G15
11A	230	25	15D1G4	15D2G4	15D3G4	15D1G8	15D2G23	15D3G16
12A	460	25	15D1G12	15D2G12	15D3G12	15D1G24	15D2G24	15D3G24
13A	575	25	15D1G13	15D2G13	15D3G13	15D1G25	15D2G25	15D3G25

D.C. Coils

Device Suffix	Volts	Column G Resistor*			Column H Resistor*			Device Suffix	Volts	Column J Resistor*		
		Coil Catalog	Quan.	Ohms	Coil Catalog	Quan.	Ohms			Coil Catalog	Quan.	Ohms
2A	115	15D1G18	1	300	15D2G80	1	300	2A	115	15D3G26	1	300
3A	125	15D1G18	1	300	15D2G80	1	300	3A	125	15D3G26	1	300
4A	230	15D1G19	1	1200	15D2G88	1	1200	7A	230	15D3G27	1	1200
5A	250	15D1G19	1	1200	15D2G88	1	1200	8A	250	15D3G27	1	1200

* Resistor not furnished with coil, order direct on G. E. Co., Industry Control Dept., Roanoke, Va., as follows:
For: 300 ohm IC9006D35CC300EA/X119
1200 ohm IC9006D35CC1200EA/X119

TABLE II
Operating Coils. Quantity One (1) Per Device

Note: The number and letter following the CR designation identifies the operating coil. Example: CR9500B100A2A uses coil from column "A", Cat. 15D4G2 rated 115 volts, 60 cycles.

A.C. Coils

Device Suffix	Volts	Cycles	Column A Coil Catalog	Column B Coil Catalog	Column C Coil Catalog	Column D Coil Catalog	Column E Coil Catalog	Column F Coil Catalog
2A	115	60	15D4G2	15D5G2	15D6G2	15D4G14	15D5G14	15D6G14
3A	230	60	15D4G3	15D5G3	15D6G3	15D4G15	15D5G15	15D6G15
4A	460	60	15D4G4	15D5G4	15D6G4	15D4G16	15D5G16	15D6G16
5A	575	60	15D4G5	15D5G5	15D6G5	15D4G17	15D5G17	15D6G17
6A	115	50	15D4G6	15D5G6	15D6G6	15D4G18	15D5G18	15D6G18
7A	230	50	15D4G7	15D5G7	15D6G7	15D4G19	15D5G19	15D6G19
8A	460	50	15D4G8	15D5G8	15D6G8	15D4G20	15D5G20	15D6G20
9A	575	50	15D4G9	15D5G9	15D6G9	15D4G21	15D5G21	15D6G21
10A	115	25	15D4G10	15D5G10	15D6G10	15D4G22	15D5G22	15D6G22
11A	230	25	15D4G11	15D5G11	15D6G11	15D4G23	15D5G23	15D6G23
12A	460	25	15D4G12	15D5G12	15D6G12	15D4G24	15D5G24	15D6G24
13A	575	25	15D4G13	15D5G13	15D6G13	15D4G25	15D5G25	15D6G25

D.C. Coils

Device Suffix	Volts	Column G Resistor*			Column H Resistor*			Column J Resistor*		
		Coil Catalog	Quan.	Ohms	Coil Catalog	Quan.	Ohms	Coil Catalog	Quan.	Ohms
2A	115	15D4G77	2	620	15D5G72	2	560	15D6G77	2	330
3A	125	15D4G77	2	620	15D5G72	2	560	15D6G77	2	330
4A	230	15D4G84	2	620	15D5G81	2	470	15D6G86	2	330
5A	250	15D4G84	2	620	15D5G81	2	470	15D6G86	2	330

* Resistors not furnished with coils, order separately direct from G. E. Co., Industry Control Dept., Roanoke, Va., as follows: IC9006D35CC(Ohms)EA/X119 (Insert ohms from above table)
Resistors for use with 115V and 125V coils to be connected in parallel. For use with 230V and 250V to be connected in series.

TABLE III
Operating Coils. Quantity One (1) Per Device

Note: The number and letter following the CR designation identifies the operating coil. Example: CR9500C100A2A uses coil from column "A", Cat. 15D7G2 rated 115 volts 60 cycles.

A.C. Coils

Device Suffix	Volts	Cycles	Column A	Column B	Column C	Column D	Column E	Column F
			Coil Catalog	Coil Catalog	Coil Catalog	Coil Catalog	Coil Catalog	Coil Catalog
2A	115	60	15D7G2	15D8G2	15D9G2	15D7G14	15D8G14	15D9G14
3A	230	60	15D7G3	15D8G3	15D9G3	15D7G15	15D8G15	15D9G15
4A	460	60	15D7G4	15D8G4	15D9G4	15D7G16	15D8G16	15D9G16
5A	575	60	15D7G5	15D8G5	15D9G5	15D7G17	15D8G17	15D9G17
6A	115	50	15D7G6	15D8G6	15D9G6	15D7G18	15D8G18	15D9G18
7A	230	50	15D7G7	15D8G7	15D9G7	15D7G19	15D8G19	15D9G19
8A	460	50	15D7G8	15D8G8	15D9G8	15D7G20	15D8G20	15D9G20
9A	575	50	15D7G9	15D8G9	15D9G9	15D7G21	15D8G21	15D9G21
10A	115	25	15D7G10	15D8G10	15D9G10	15D7G22	15D8G22	15D9G22
11A	230	25	15D7G11	15D8G11	15D9G11	15D7G23	15D8G23	15D9G23
12A	460	25	15D7G12	15D8G12	15D9G12	15D7G24	15D8G24	15D9G24
13A	575	25	15D7G13	15D8G13	15D9G13	15D7G25	15D8G25	15D9G25

D.C. Coils†

Device Suffix	Volts	Column G			Column H			Column J		
		Coil Catalog	Resistor*		Coil Catalog	Resistor*		Coil Catalog	Resistor*	
Quan.	Ohms		Quan.	Ohms		Quan.	Ohms			
2A	115	15D7G83	2	390	15D8G78	2	270	15D9G74	2	270
3A	125	15D7G83	2	390	15D8G78	2	270	15D9G74	2	270
4A	230	15D7G91	2	390	15D8G81	2	270	15D9G83	2	270
5A	250	15D7G91	2	390	15D8G81	2	270	15D9G83	2	270

† All D.C. coils in this table require 1-Cat. 23F448G102 capacitor which must be ordered separately. Order direct from G. E. Co., Capacitor Dept., Hudson Falls, N.Y. or its Authorized Distributor.

* Resistors not furnished with coils. Order direct from G. E. Co., Industry Control Dept., Roanoke, Va., as follows: IC9006D35CC(ohms)EA/X119 (Insert ohms from above table)

Resistors for use with 115V and 125V coils to be connected in parallel. For use with 230V and 250V coils to be connected in series.

GENERAL  ELECTRIC

GENERAL PURPOSE CONTROL DEPARTMENT
BLOOMINGTON, ILLINOIS 61701