

The following catalog
has gaps in its page
numbers, or doesn't
have any numbers.
We have chosen to
leave the page
numbering in the
order that Acrobat
assigns it.

McGRAW-EDISON

Onan

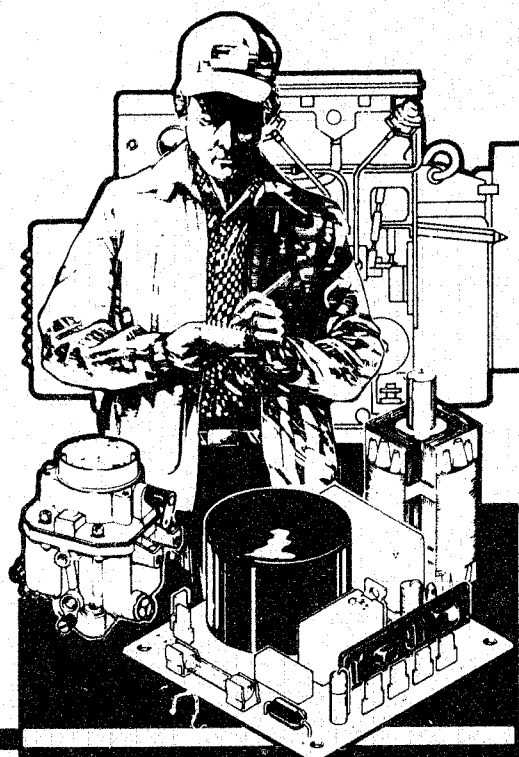
Parts Manual

OTII

40-70-100 Amp

**Transfer
Switch**

Specification E

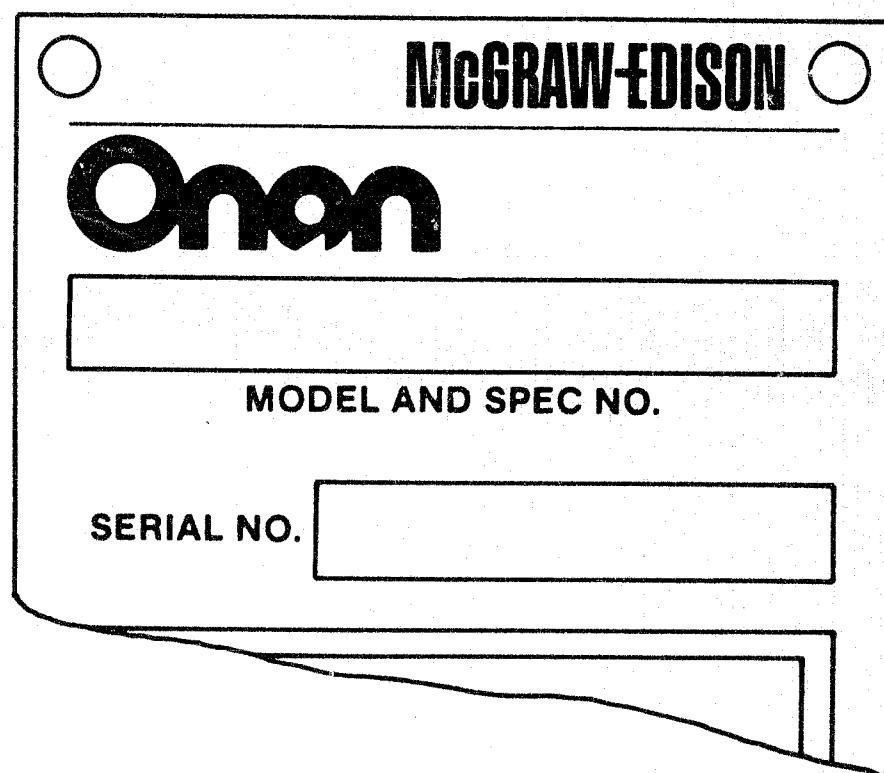


Onan Service Parts

GENERAL INFORMATION

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Near Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from Onan nameplate.



The form is a rectangular card with rounded corners and two circular punch holes at the top. It features the McGraw-Edison logo at the top, followed by the Onan logo. Below the logos are two rectangular input fields. The first field is labeled 'MODEL AND SPEC NO.' and the second is labeled 'SERIAL NO.'. The bottom right corner of the card is torn, revealing a second identical card underneath. The text 'M-1149' is printed at the bottom right of the top card.

McGRAW-EDISON

Onan

MODEL AND SPEC NO.

SERIAL NO.

M-1149

For handy reference, insert "YOUR" nameplate information in the spaces above.

INDEX

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INTRODUCTION

This catalog applies to the OTII 40, 70, and 100 Amp (Specification E) Transfer Switches as indicated below. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the MODEL and SPEC NUMBER from the switch box nameplate, select the parts that apply to your transfer switch. Unless otherwise mentioned in the description, parts are interchangeable between models.

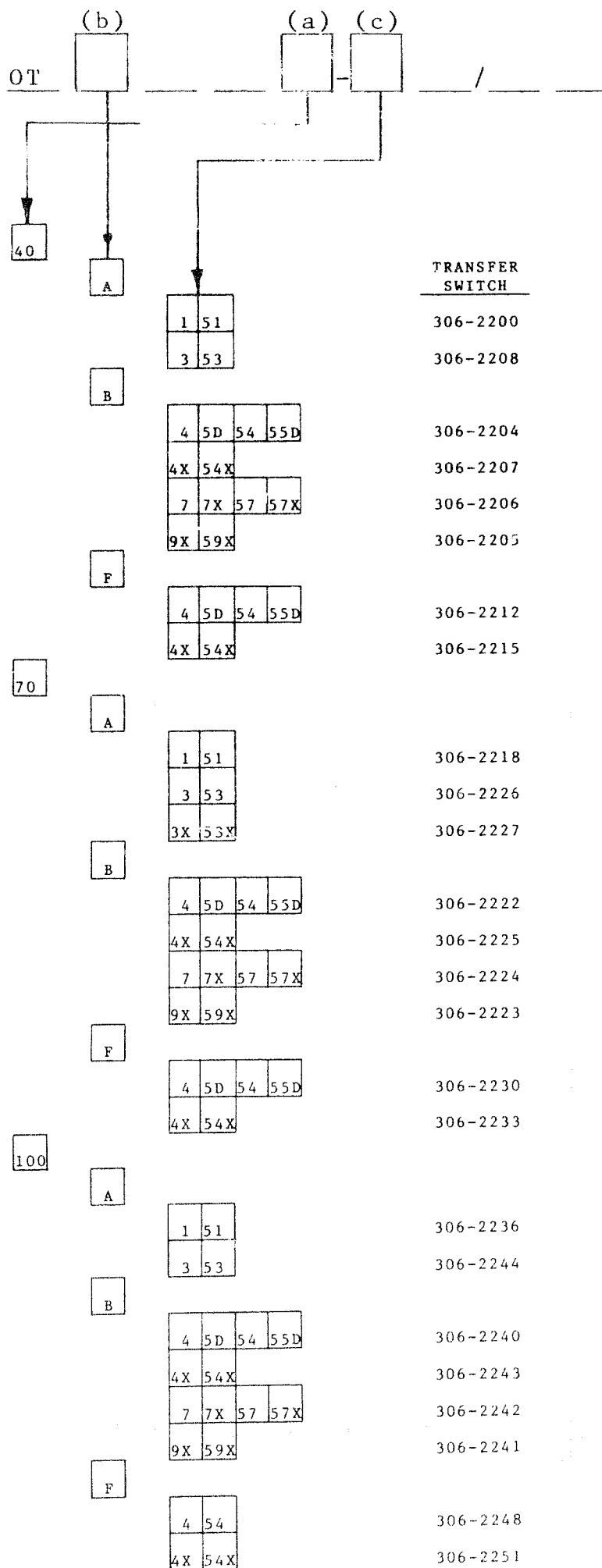
EXPLANATION

	OT	A	C	A	100-	3	U	/31	01	E
<u>PAGE</u>										
Series										
A6 Transfer Switch Code										
B1 Control Code										
Cabinet Code										
Ampere Rating										
Voltage Code										
Standard Code										
B2 Control Assembly										
B5 Meter Group										

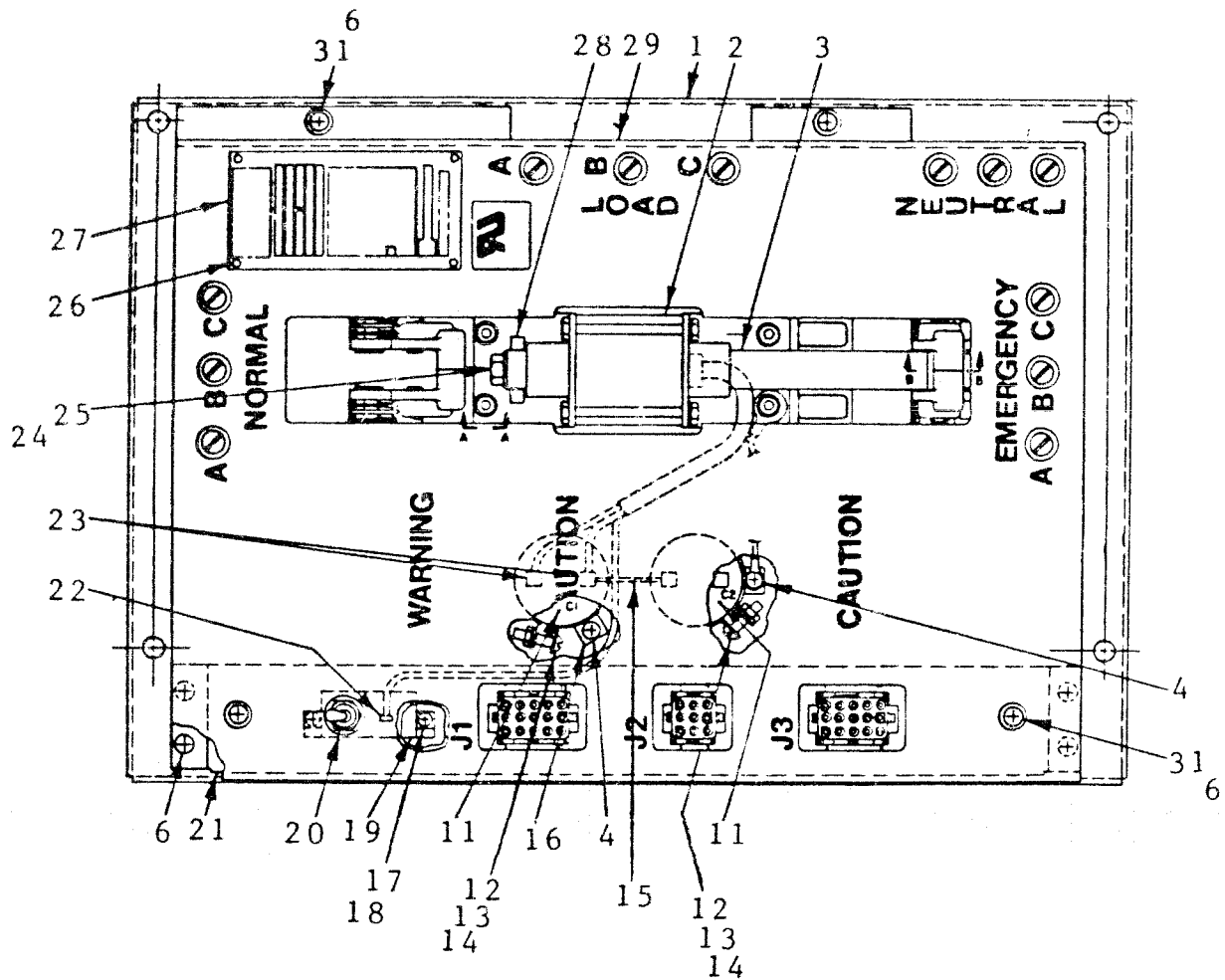
DIRECTIONS

1. Locate the item you are looking for in the Index or the Table of Contents.
2. Turn to the page listed.
3. Mentally insert your model number in the blank spaces
4. The part of the model number that is boxed, will help you to determine the part number that you need.
5. Match your model number to the appropriate box.
6. Follow the line down from the box.
7. If there is more than one box, follow in sequence according to (a), (b), (c).
8. Write down the respective part number.

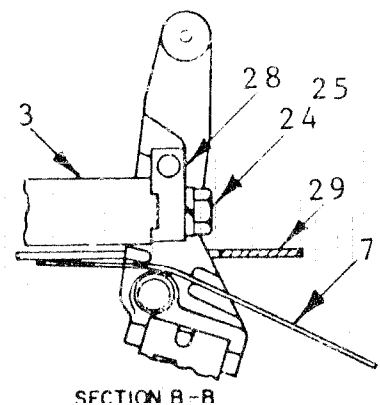
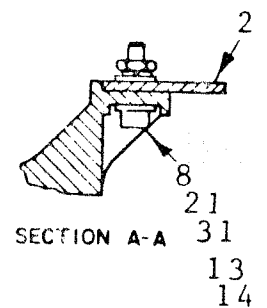
TRANSFER
SWITCH



TRANSFER SWITCH



REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	See Tab	1	*Switching Assembly
2	See Tab	1	Actuator-Linear
3	306-1982	1	Rod Actuator
4	815-0538	Tab	Screw-RHM XREC W/IT(#8-32x1/2)
6	815-0634	8	Screw-RHM XREC W/ET(#10-32x1/2)
7	306-1989	2	Barrier-Handle
8	804-0019	4	Screw-SOC HC(#10-32x3/4)
11	See Tab	Tab	Capacitor
12	813-0103	Tab	Screw-RHM(#10-32x3/4)
13	850-0030	Tab	Washer-LK(#10)
14	870-0053	Tab	Nut-HMS(#10-32)
16	312-0220	Tab	Ring-Capacitor Mounting
17	812-0063	2	Screw-RHM(#6-32x3/4)
18	850-0020	2	Washer-LK(#6)
19	See Tab	1	Circuit Breaker
20	308-0406	1	Switch-Toggle DPDT
21	306-2183	1	Bracket-Plug
22	332-0529	1	Terminal-RCPT
23	332-2211	2	Terminal-RCPT
24	800-0051	2	Screw-HHC(3/8-16x1-1/4)
25	850-0050	2	Washer-LK(3/8)
26	818-0076	4	Rivet-Univ(1/8)
28	306-2160	2	Rod End Assembly-Actuator
29	See Tab	1	Cover and Silkscreen
31	526-0008	12	Washer-Flat



TRANSFER SWITCH

TRANSFER SWITCH	ITEM #1	ITEM #2	ITEM #4	ITEM #11 QTY.	ITEM #12	ITEM #13	ITEM #14	ITEM #15	ITEM #16	ITEM #19	ITEM #29
306-2200	306-2270	306-2006	3	312-0226 1	1	5	5	0	1	320-0608	306-2190
306-2208	306-2193	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2190
306-2205	306-2192	306-2009	6	312-0225 2	2	6	6	1	2	320-0876	306-2189

306-2204	306-2192	306-2008	3	312-0203 1	1	5	5	0	1	320-0607	306-2189
306-2207	306-2192	306-2011	6	312-0224 2	2	6	6	1	2	320-0876	306-2189
306-2206	306-2192	306-2010	6	312-0228 2	2	6	6	1	2	320-0876	306-2189

306-2212	306-2194	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2191
306-2215	306-2194	306-2011	6	312-0224 2	2	6	6	1	2	320-0876	306-2191

306-2218	306-2270	306-2006	3	312-0226 1	1	5	5	0	1	320-0608	306-2190
306-2226	306-2193	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2190
306-2227	306-2193	306-2011	6	312-0224 2	2	6	6	1	2	320-0876	306-2190
306-2223	306-2192	306-2009	6	312-0225 2	2	6	6	1	2	320-0876	306-2189

306-2222	306-2192	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2189
306-2225	306-2192	306-2011	6	312-0224 2	2	6	6	1	2	320-0876	306-2189
306-2224	306-2192	306-2010	6	312-0228 2	2	6	6	1	2	320-0876	306-2189

306-2230	306-2194	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2191
306-2233	306-2194	306-2011	6	312-0224 2	2	6	6	1	2	320-0876	306-2191

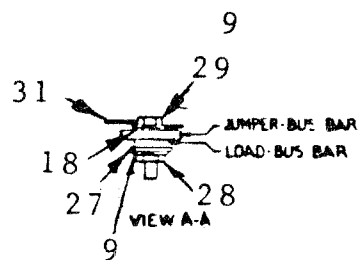
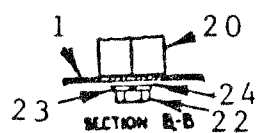
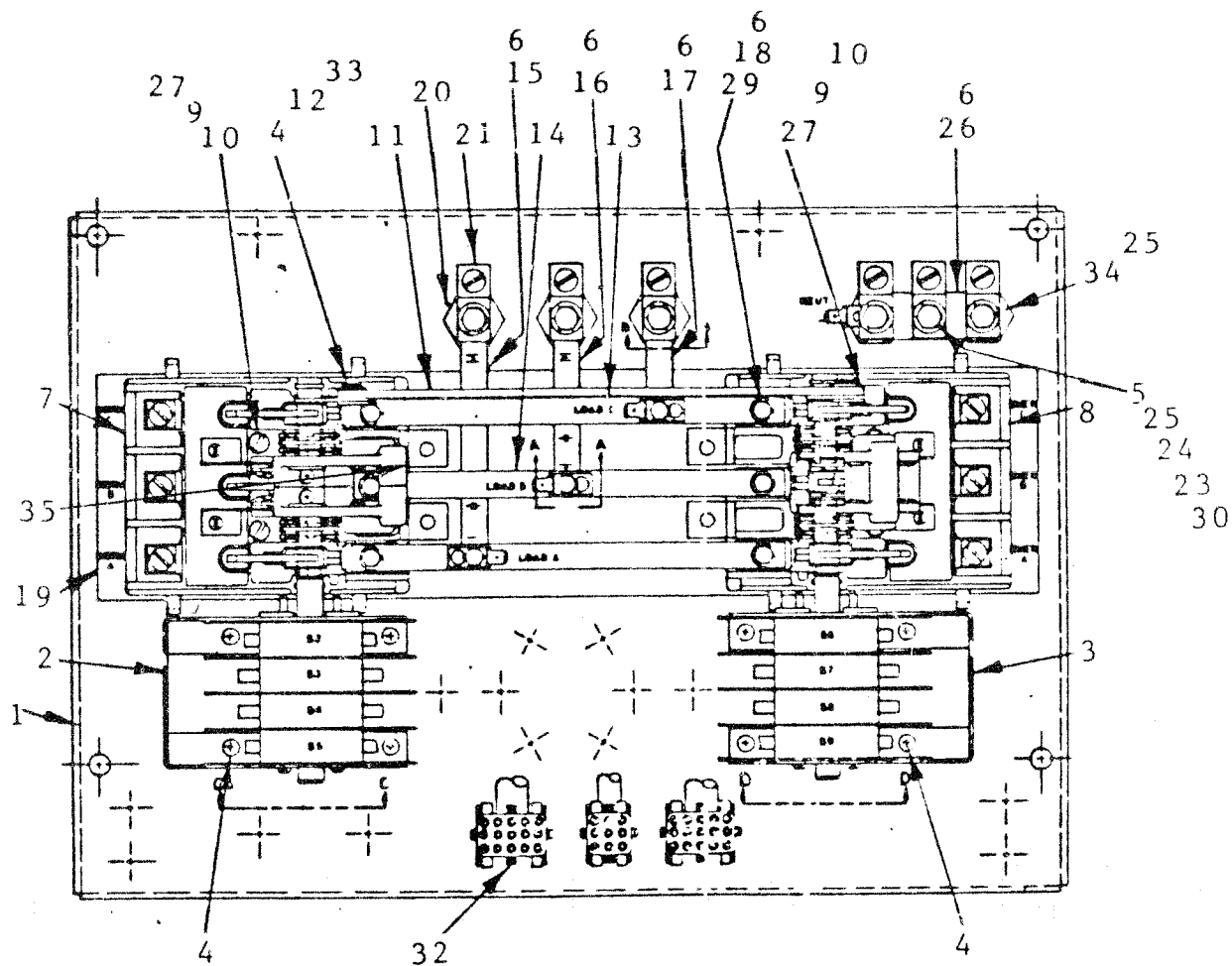
306-2236	306-2270	306-2006	3	312-0226 1	1	5	5	0	1	320-0608	306-2190
306-2244	306-2193	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2190
306-2241	306-2192	306-2009	6	312-0225 2	2	6	6	1	2	320-0876	306-2189

306-2240	306-2192	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2189
306-2243	306-2192	306-2011	6	312-0224 2	2	6	6	1	2	320-0876	306-2189
306-2242	306-2192	306-2010	6	312-0228 2	2	6	6	1	2	320-0876	306-2189

306-2248	306-2194	306-2008	3	312-0203 1	1	5	5	0	1	320-0606	306-2191
306-2251	306-2194	306-2011	6	312-0224 2	2	6	6	1	2	320-0876	306-2191

SWITCHING
ASSEMBLY

306-2192
306-2193
306-2269
306-2270



SWITCHING
ASSEMBLY

306-2192
306-2193
306-2269
306-2270

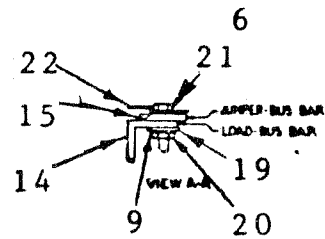
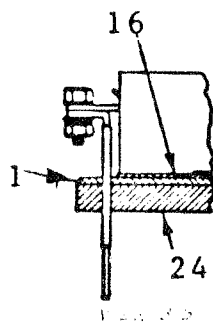
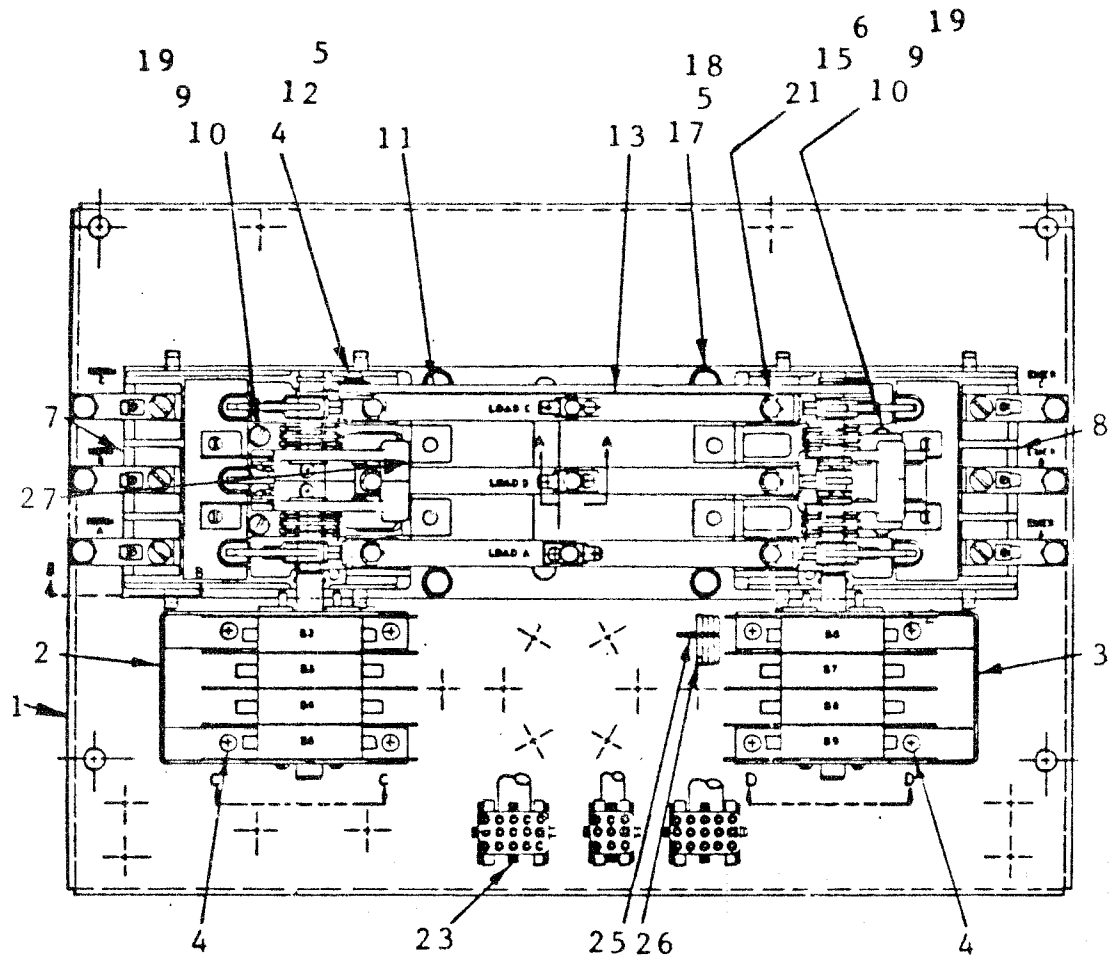
REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	306-2182	1	Base Assembly-Switch
2	306-2198	1	Switch Assembly-Aux(Normal)
3	306-2199	1	Switch Assembly-Aux(Emergency)
4	815-0538	10	Screw-RHM XREC W/IT(#8-32x1/2)
5	800-0005	1	Screw-HHC(1/4-20x3/4)
7	See Tab	1	Block and Crossbar Assy(Norm)
8	See Tab	1	Block and Crossbar Assy(Emer)
9	850-0030	Tab	Washer-LK(#10)
10	813-0110	4	Screw-RHM(#10-32x2)
11	306-1980	1	Bar-Interlock
12	526-0003	2	Washer-Flat(#8)
13	337-0566	2	Jumper-Bus Bar
14	337-0565	Tab	Jumper-Bus Bar
15	337-0838	1	Load-Bus Bar
16	337-0837	Tab	Load-Bus Bar
17	337-0836	1	Load-Bus Bar
18	851-0031	Tab	Washer-Spring(Conical#10)
19	306-2187	1	Barrier-Mounting Block
20	332-2370	Tab	Standoff-Insulator
21	332-1573	Tab	Lug-Solderless
22	800-0003	Tab	Screw-HHM(1/4-20x1/2)
23	850-0040	Tab	Washer-LK(1/4)
24	526-0018	Tab	Washer-Flat(1/4)
25	851-0027	Tab	Washer-Spring(Conical 1/4)
26	337-0570	1	Neutral Bar
27	526-0071	Tab	Washer-Flat(#10)
28	870-0200	Tab	Nut-Hex(#10-32)
29	815-0180	Tab	Screw-HHM(#10-32x3/4)
30	862-0001	1	Nut-Hex(1/4-20)
31	332-2366	Tab	Terminal
32	See Tab	1	Wiring Harness-Switch
33	526-0016	2	Washer-Flat
34	800-0004	Tab	Screw-HHC(1/4-20x5/8)
35	306-1996	1	Handle Assy-Actuator

SWITCHING ASSEMBLY				
	306-2192	306-2193	306-2269	306-2270
ITEM #7	306-2017	306-2019	306-2017	306-2019
ITEM #8	306-2013	306-2015	306-2013	306-2015
ITEM #9	7	6	7	6
ITEM #14	1	0	1	0
ITEM #16	1	0	1	0
ITEM #18	9	6	9	6
ITEM #20	5	4	5	4
ITEM #21	6	5	6	5
ITEM #22	5	4	5	4
ITEM #23	6	5	6	5
ITEM #24	6	5	6	5
ITEM #25	6	5	6	5
ITEM #27	7	6	7	6
ITEM #28	3	2	3	2
ITEM #29	9	6	9	6
ITEM #31	4	3	4	3
ITEM #32	338-1421	338-1422	338-1422	338-1422
ITEM #34	5	4	5	4

* See Block and Crossbar Assembly, and Auxiliary Switch Assembly for components.

SWITCHING
ASSEMBLY

306-2194
306-2195
306-2267
306-2268



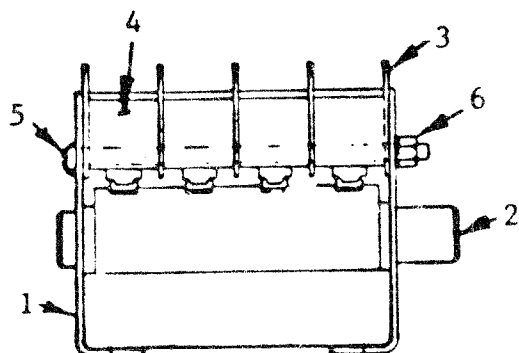
SWITCHING
ASSEMBLY

	REF. NO.	PART NO.	QTY.	PART DESCRIPTION
	1	306-2182	1	Base Assembly-Switch
306-2194	2	306-2198	1	*Switch Assembly-Aux(Normal)
	3	306-2199	1	*Switch Assembly-Aux(Emergency)
306-2195	4	815-0538	10	Screw-RHM XREC W/IT(#8-32x1/2)
306-2267	5	526-0016	6	Washer-Flat(1/4)
306-2268	7	See Tab	1	Block and Crossbar Assy(Norm)
	8	See TAB	1	Block and Crossbar Assy(Emer)
	9	850-0030	Tab	Washer-LK(#10)
	10	813-0110	4	Screw-RHM(#10-32x2)
	11	306-1980	1	Bar-Interlock
	12	526-0003	2	Washer-Flat(#8)
	13	337-0565	Tab	Jumper-Bus Bar
	14	337-0710	Tab	Connector Assembly
	15	851-0031	Tab	Washer-Spring(Conical#10)
	16	306-2186	1	Barrier-Mounting Block
	17	800-0005	4	Screw-HHM(1/4-20x3/4)
	18	850-0040	4	Washer-LK(1/4)
	19	526-0071	Tab	Washer-Flat(#10)
	20	870-0200	Tab	Nut-Hex(#10-32)
	21	815-0180	Tab	Screw-HHM(#10-32x3/4)
	22	332-2366	Tab	Terminal
	23	See Tab	1	Wiring Harness-Switch
	24	306-2039	1	Support Assembly-Connection
	25	332-1445	1	Tie-Cable
	26	898-0870	1	Sleeving-Insulation
	27	306-1996	1	Handle Assy-Actuator

SWITCHING ASSEMBLY				
	306-2194	306-2195	306-2267	306-2268
*ITEM #7	306-2018	306-2020	306-2018	306-2020
*ITEM #8	306-2014	306-2016	306-2014	306-2016
ITEM #9	7	6	7	6
ITEM #13	3	2	3	2
ITEM #14	3	2	3	2
ITEM #15	9	6	9	6
ITEM #19	7	6	7	6
ITEM #20	3	2	3	2
ITEM #21	9	6	9	6
ITEM #22	3	2	3	2
ITEM #23	338-1421	338-1422	338-1496	338-1495

* See Block And Crossbar Assembly, and Auxiliary Switch Assembly for components.

AUXILIARY
SWITCH
ASSEMBLY



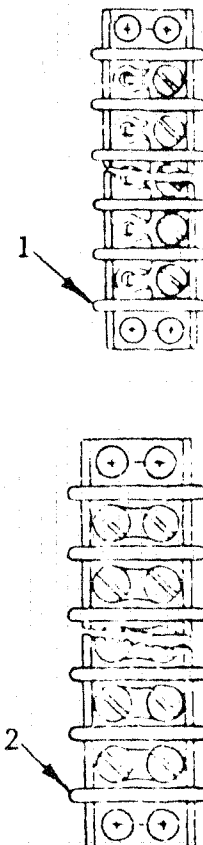
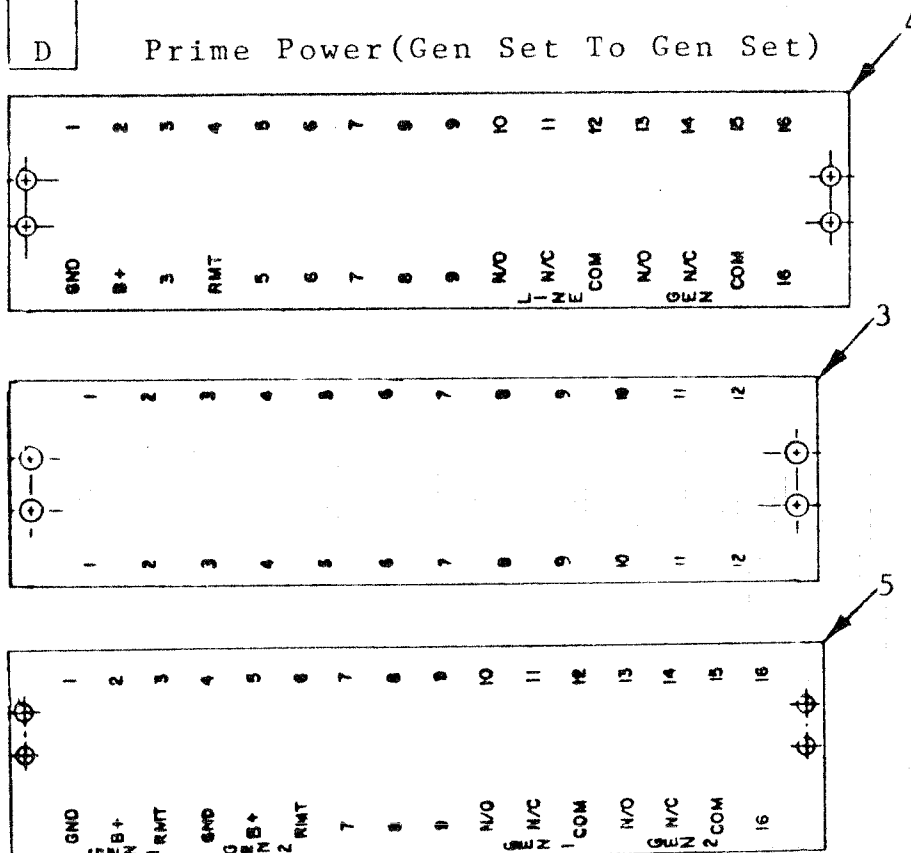
REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	See Tab	1	Bracket-Auxiliary Switch
2	306-1993	1	Lever-Auxiliary Switch
3	306-1987	5	Barrier-Switch
4	309-0393	4	Switch-Snap Action
5	812-0198	2	Screw-RHM(#6-32x3-1/4)
6	870-0183	2	Nut-H W/ET(6-32)

SIDE	TAB #1	SWITCH ASSY. COMPLETE
Emergency	306-2197	306-2199
Normal	306-2196	306-2198

CONTROL
CODE

OT - /

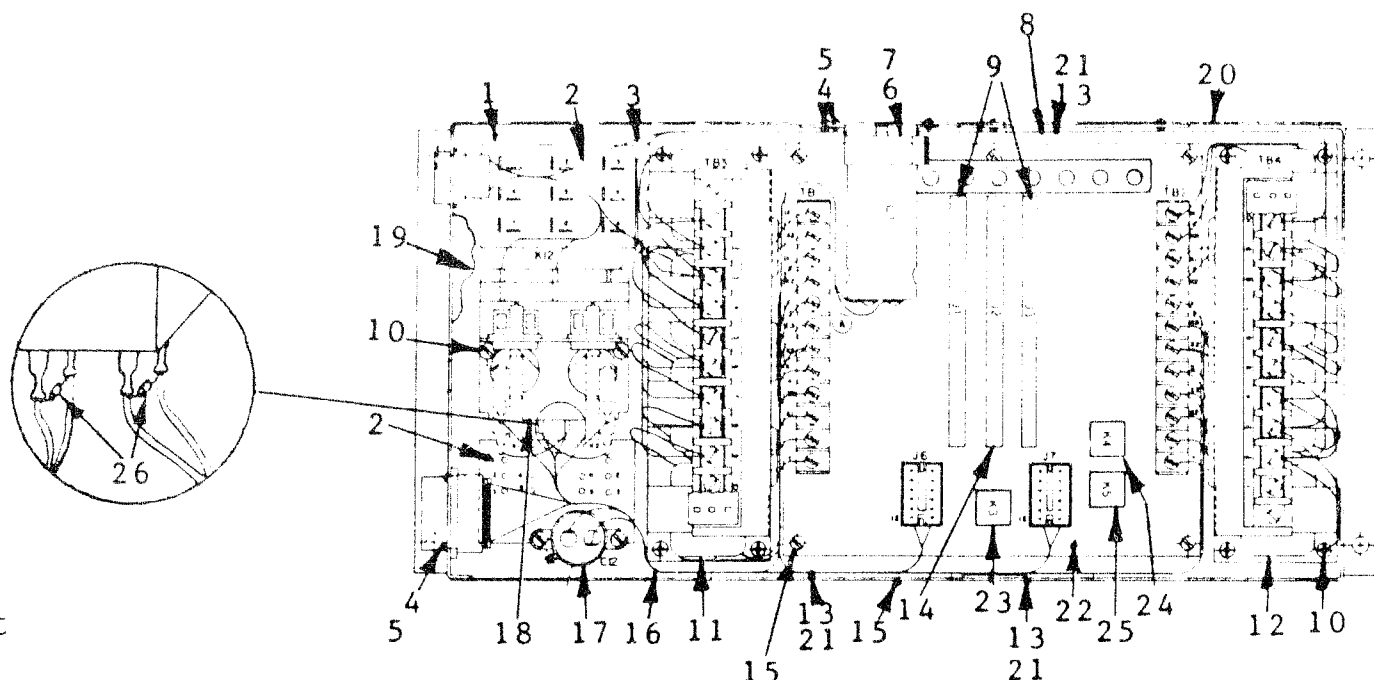
A	Non-Automatic
B	Utility To Utility
C	Utility To Generator
D	Prime Power(Gen Set To Gen Set)



REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	332-0795	1	Block-Terminal(16 Term.)
2	332-1468	1	Block-Terminal(12 Term.)
3	332-1469	1	Strip-Marker
4	332-2425	1	Strip-Marker
5	332-2702	1	Strip-Marker

CONTROL ASSEMBLY

OT



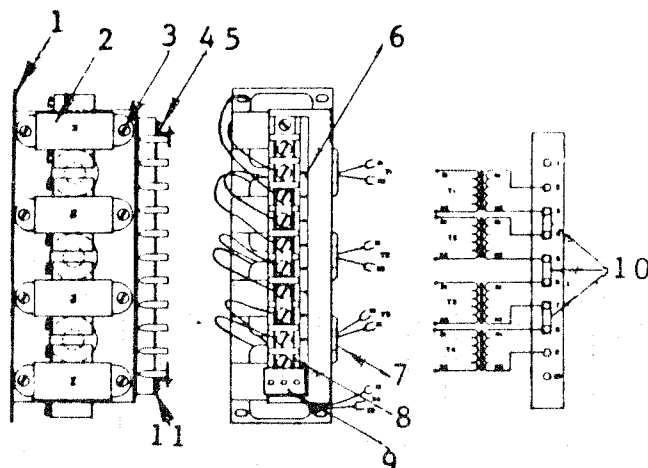
* Does not
include
Voltage
Sensor
Modules

	CONTROL* ASSEMBLY	TAB 11	TAB 12	TAB 3
	1	300-2772	315-0498	315-0498 338-1435
	3	300-2773	315-0538	315-0548 338-1435
4	5D 8	300-2774	315-0493	315-0493 338-1435
	523	300-2775	315-0494	315-0494 338-1435
7	7X	300-2776	315-0510	315-0510 338-1435
	4X	300-2777	315-0495	315-0495 338-1435
	9X	300-2879	315-0496	315-0496 338-1809

TAB 11,12	TAB 2	QTY
315-0492	315-0481	4
315-0493	315-0482	4
315-0494	315-0483	4
315-0495	315-0484	4
315-0496	315-0485	4
315-0498	315-0481	4
315-0499	315-0482	4
315-0500	315-0483	4
315-0510	315-0509	4
315-0538	315-0482	4
315-0548	315-0482	4
315-0597	315-0484	4

REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	301-6177	1	Base-Universal Control
2	98-4323	1	Silkscreen(Base)
3	See Tab	1	Wiring Harness(High Voltage)
4	812-0061	9	Screw-RD HD(#6-32x3/8)
5	870-1183	9	Nut-HW/ET(#6-32)
6	356-0108	1	Capacitor(C1)
7	356-0070	1	Clamp-Capacitor Mounting
8	301-6217	1	Window-Display
9	REF	2	Module-Voltage Sensor
10	815-0544	10	Screw-Pan HW/ET(#6-32x3/8)
11	See Tab	1	Transformer Assy(Normal)
12	See Tab	1	Transformer Assy(Emergency)
13	332-0942	3	Tie-Cable
14	300-2372	1	Module-Time Delay
15	815-0549	20	Screw-HW/ET(#6-32x1/4)
16	338-1434	1	Wiring Harness(Low Voltage)
17	356-0097	1	Filter Assy(C12)
18	307-1903	1	Contactor-Reversing
19	301-6661	1	Cover and Silkscreen(Ctrl)
20	301-6662	1	Wrapper and Silkscreen
21	332-2420	3	Mount-Tie Cable
22	300-2109	1	Board Assy-Mother
23	307-2089	1	Relay-TD Start(K3)
24	307-2319	1	Relay-Alt. Source Fail(K4)
25	307-2010	1	Relay-Retransfer(K5)(Option)
26	357-0057	2	Diode(comes with 338-1434)
27	98-5387	1	Label-Danger(Not Illustrated)

REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	301-6132	1	Bracket-Transformer Mtg.
2	See Tab	Tab	Transformer-Stepdown
3	815-0549	8	Screw-Pan H REC W/ET(6-32x1/4)
4	812-0066	2	Screw-RHM(6-32x3/4)
5		2	Clips(Part of item #9)
6	332-2588	1	Marker Strip
7	508-0008	3	Grommet
8	332-2587	1	Terminal Block
9	332-2589	1	Cover-Protective
10	332-1045	3	Jumper
11	526-0001	2	Washer-Flat



VOLTAGE
SENSOR
MODULE

OT _____ - _____ / _____

NORMAL SIDE SENSING	Ø	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
Under Voltage	1	A	A	A		A											
	3	A	A	A		A											
Under/Over Voltage	1													B	B	B	B
	3													B	B	B	B
Under Voltage and Freq	1						C	C	C	C							
	3						C	C	C	C							
Under/Over Volt and Freq	1				E						D	D	D				
	3				D						D	D	D				
EMERGENCY SIDE SENSING	Ø	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
Under Voltage	1	A									A			A			
	3	A									A			A			
Under/Over Voltage	1					B				B			B				B
	3					B				B			B				B
Under Voltage and Freq	1		C					C				C			C		
	3		C					C				C			C		
Under/Over Volt and Freq	1			E	E		D		D							D	
	3			D	D		D		D							D	

CODE MODULE

A- 300-2375

B- 300-2788

C- 300-2548

D- 300-2373

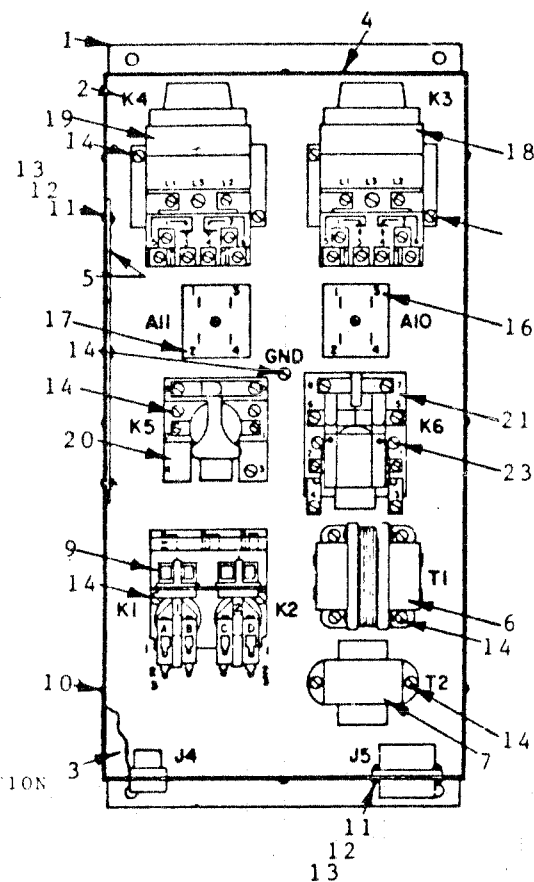
E- 300-2758

CONTROL ASSEMBLY

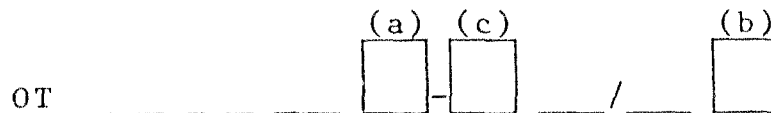


VOLTAGE	DASH NO.
1	-01
4	-02
3	-03
5D 8	-04
4X 7 7X	-05
9X	-06

REF. NO.	PART NUMBERS			QTY.	PART DESCRIPTION
	56	57	58		
1	301-6297	301-6297	301-6297	1	Base
2	98-4447	98-4447	98-4447	1	Silkscreen
3	301-6178	301-6178	301-6178	1	Cover
4	301-6179	301-6179	301-6179	1	Wrapper
5	301-6217	301-6217	301-6217	1	Window
6	315-0004			1	Transformer(-03)
	315-0014			1	Transformer(-04)
		315-0004	315-0004	1	Transformer(-05)
		315-0014	315-0014	1	Transformer(-06)
7	315-0036			1	Transformer(-03)
	315-0067			1	Transformer(-04)
		315-0036	315-0036	1	Transformer(-05)
		315-0067	315-0067	1	Transformer(-06)
8	338-1434			1	Wiring Harness
		338-1478	338-1478	1	Wiring Harness(-01,-03)
		338-1477	338-1477	1	Wiring Harness(-02,-04,-05,-06)
9	307-1958			1	Contactor-Reversing(-01,-03)
	307-1870			1	Contactor-Reve. sing(-02)
		307-1958	307-1958	1	Contactor-Reversing(-01,-05,-06)
		307-1870	307-1870	1	Contactor-Reversing(-02,-03,-04)
10	812-0059	812-0059	812-0059	10	Screw-RHM(#6-32x1/4)
11	812-0061	812-0061	812-0061	7	Screw-RHM(#6-32x3/8)
12	853-0003	853-0003	853-0003	7	Washer-ET LK(#6)
13	860-0006	860-0006	860-0006	7	Nut-HMS(#6-32)
14	812-0077			8	Screw-RHM(#8-32x3/8)
		812-0077	812-0077	13	Screw-RHM(#8-32x3/8)
15	332-0556			1	Splice-Line Tab
		332-0556	332-0556	1	Splice-Line Tab(-05,-06)
16		300-2627		1	Relay-T.D. Stop(-01,-05,-06)
		300-2628		1	Relay-T.D. Stop(-02,-03,-04)
		300-2629		1	Relay-T.D. Transfer(-01,-05,-06)
		300-2630		1	Relay-T.D. Transfer(-02,-03,-04)
18		307-1108	307-1108	1	Relay-T.D. Start(-01,-05,-06)
		307-1109	307-1109	1	Relay-T.D. Start(-02,-03,-04)
19		307-1955	307-1955	1	Relay-T.D. Ret.(-01,-05,-06)
		307-1956	307-1956	1	Relay-T.D. Ret.(-02,-03,-04)
20		307-1114	307-1114	1	Relay-Line Voltage(-02)
		307-1081	307-1081	1	Relay-Line Voltage(-04)
		307-1119	307-1119	1	Relay-Line Voltage(-05)
		307-1425	307-1425	1	Relay-Line Voltage(-06)
21		307-1082	307-1082	1	Relay-Generator Voltage(-01)
		307-1113	307-1113	1	Relay-Generator Voltage(-02)
		307-1083	307-1083	1	Relay-Generator Voltage(-03,-04)
		307-1887	307-1887	1	Relay-Generator Voltage(-05)
		307-2114	307-2114	1	Relay-Generator Voltage(-06)
22		812-0083	812-0083	2	Screw-RHM(#8-32x7/8)
23		812-0079	812-0079	2	Screw-RHM(#8-32x1/2)
24	98-5387	98-5387	98-5387	1	Label-Danger(Not Illustrated)



METER
GROUP



40 70 100 01 02 03 04 05 06 11

Normal Lamp (White)

Emergency Lamp (Yellow)

Light Bulb

Resistor

Resistor

Resistor

Resistor

1 3 4 4X 5D 7 7X 8 9X

1 3 4 4X 5D 7 7X 8 9X

1 3 4 4X 5D 7 7X 8 9X

1

3 4 5D 7 7X 8

4X

9X

PART NO.

322-0318

322-0317

322-0316

350-1204

350-1205

350-1206

350-1207

40 70 100 02 03 06 07 09 10

Voltmeter

Voltmeter

Voltmeter

Voltmeter

1 51

3 4 5D 53 54 55D

4X 7 7X 54X 57 57X

9X 59X

302-0420

302-0421

302-0422

302-0423

40 70 100 03 05 06 07 08 09 10

Frequency Meter

Frequency Meter

Frequency Meter

Frequency Meter

Frequency Meter

Frequency Meter

Transformer-Stepdown

1 4X 9X

4

3 5D 7 7X 8

51 54X 59X

54

53 55D 57 57X 58

4X 54X 9X 59X

302-0809

302-0810

302-0811

302-0893

302-0894

302-0895

315-0377

40 70 100 03 04 05 07 08

Running Time Meter

Running Time Meter

Running Time Meter

Running Time Meter

Transformer-Stepdown

1 4X 9X

3 4 5D 7 7X 8

57 54X 59X

53 54 55D 57 57X 58

4X 54X 9X 59X

302-0465

302-0466

302-0468

302-0469

315-0377

40 03 06 07 10 11

Ammeter

1 3 4 4X 5D 7 7X 8 9X

302-0405

70 03 06 07 10 11

Ammeter

1 3 4 4X 5D 7 7X 8 9X

302-0406

100 03 06 07 10 11

Ammeter

1 3 4 4X 5D 7 7X 8 9X

302-0408

SELECTOR
SWITCHES

WIRING DIAGRAM POSITION	PART NO.	DESCRIPTION
S12	308-0809	3 position key operated NEMA 4
	308-0575	2 position key operated
	308-0576	3 position key operated 2-3 wire convertor
	308-0577	3 position key operated, key remove center
	308-0749	3 position key operated water tight
	308-0755	2 position key operated water tight
S13	308-0576	3 position key operated water tight
S15	308-0022	4 position knob operated
	308-0670	4 position knob operated voltmeter-ammeter
	308-0747	7 position knob operated voltmeter-ammeter
	308-0757	3 position knob operated water tight
	308-0786	5 position knob operated voltmeter-ammeter
S16	308-0776	3 position knob operated water tight

308-0787 Key-Selector switch
 406-0565 Key-Door handle
 406-0522 Handle-Locking Door

POWER
SUPPLY

OT

B

REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	301-6697	1	Plate-Mounting
2	323-0804	1	Socket-Relay
3	307-1056	1	Relay-3PDT(K11)
4	812-0062	2	Screw-RHM(#6-32x7/16)
5	356-0047	1	Capacitor
6	898-0004	1	Sleeving-Insulation
7	305-0517	1	Rectifier-Bridge(CR1)
8	813-0102	1	Screw-RHM(#10-32x5/8)
9	304-0011	1	Resistor-Fixed(R1)
10	304-0292	1	Insulator-Resistor
11	304-0014	1	Washer-Centering
12	813-0112	1	Screw-RHM(#10-32x2 1/2)
13	315-0375	1	Transformer-Stepdown(T10)
14	812-0059	2	Screw-RHM(#6-32x1/4)
15	332-2003	1	Block-Terminal(TB10)
16	332-2426	1	Strip-Marker
17	812-0065	2	Screw-RHM(#6-32x5/8)
18	332-0942	8	Tie-Cable
19	98-4791	1	Silkscreen-Term Block

