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has gaps in its page
numbers, or doesn't
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We have chosen to
leave the page
numbering in the
order that Acrobat
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McGRAW-EDISON

Onan

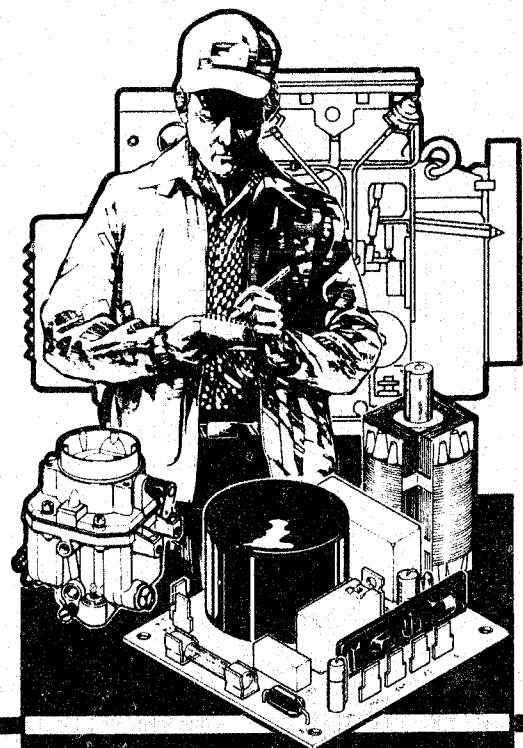
Parts Manual

OTII

400 - 600 Amp

**Transfer
Switch**

Specification E

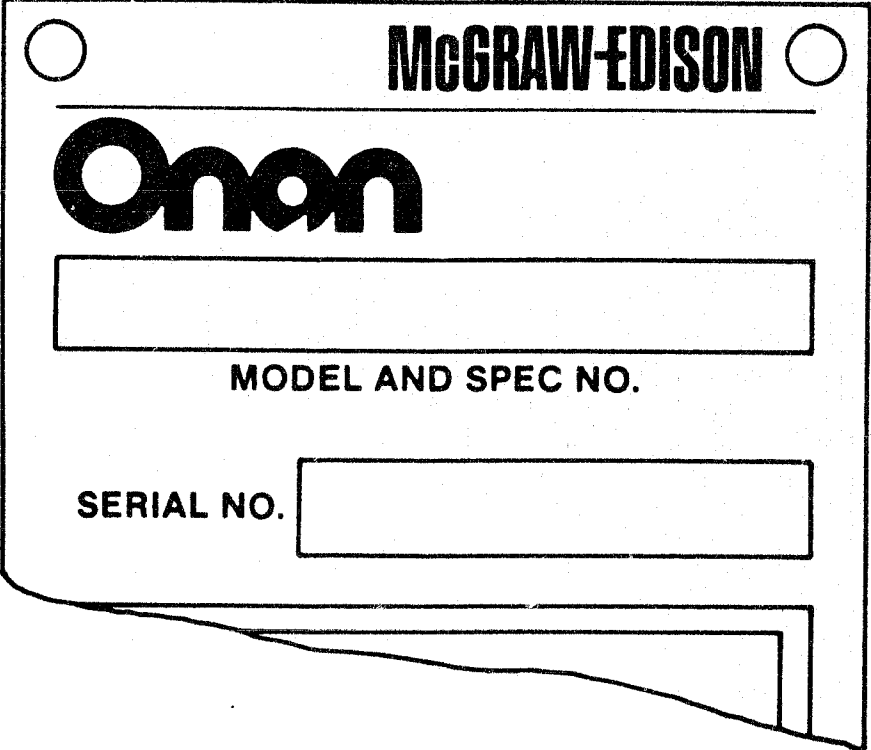


Onan Service Parts

GENERAL INFORMATION

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest 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 the Onan nameplate.



A rectangular form with a black border. At the top center, the text "McGRAW-EDISON" is printed in a bold, sans-serif font. Below this, the "Onan" logo is displayed in a large, stylized, bold font. Underneath the logo is a long, empty rectangular box. Below this box, the text "MODEL AND SPEC NO." is printed in a bold, sans-serif font. Further down, the text "SERIAL NO." is printed in a bold, sans-serif font, followed by a shorter empty rectangular box. The bottom right corner of the form is slightly irregular, suggesting it might be a template for a physical label. Two small circles are located at the top left and top right corners of the form's border.

McGRAW-EDISON

Onan

MODEL AND SPEC NO.

SERIAL NO.

M-1149

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

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INTRODUCTION

This catalog applies to the OTII 400 and 600 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.

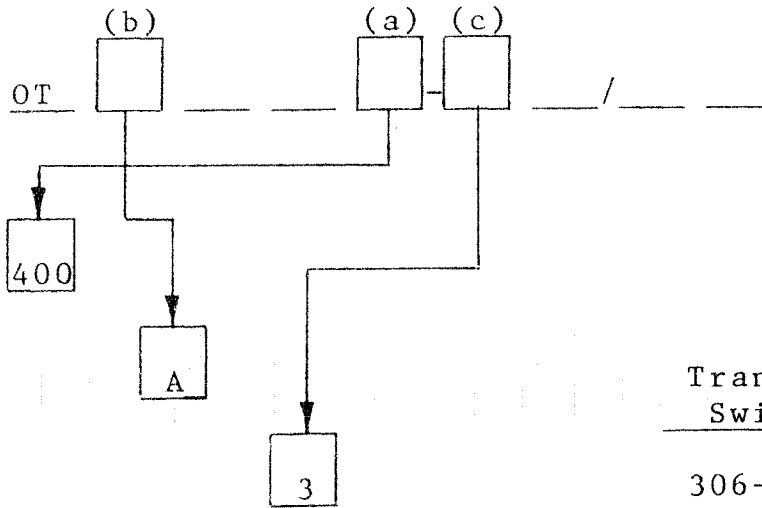
EXPLANATION

	OT	A	C	A	600-	3	U	/31	03	E
<u>PAGE</u>										
Series										
Transfer Switch Code										
Control Code										
Cabinet Code										
Ampere Rating										
Voltage Code										
Standard Code										
Control Assembly										
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 space.
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

306-2406

4	
4X	
5D	
7	7X
9X	523

306-2405

306-2410

306-2407

306-2409

306-2408

600

A

3

306-2536

B

4	
4X	
5D	
7	7X
9X	523

306-2553

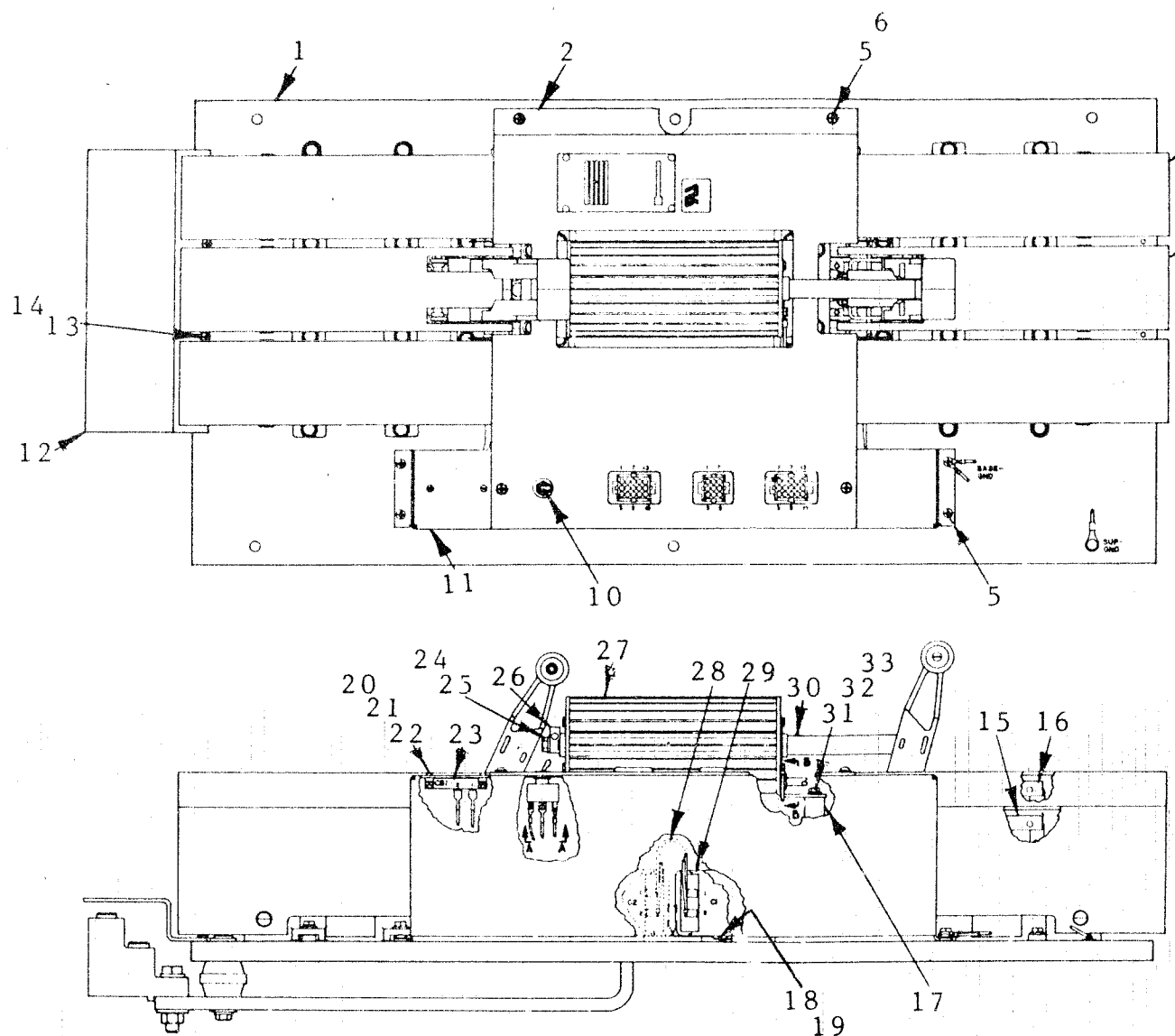
306-2557

306-2554

306-2556

306-2555

TRANSFER
SWITCH



TRANSFER
SWITCH

306-2400
TO
306-2412

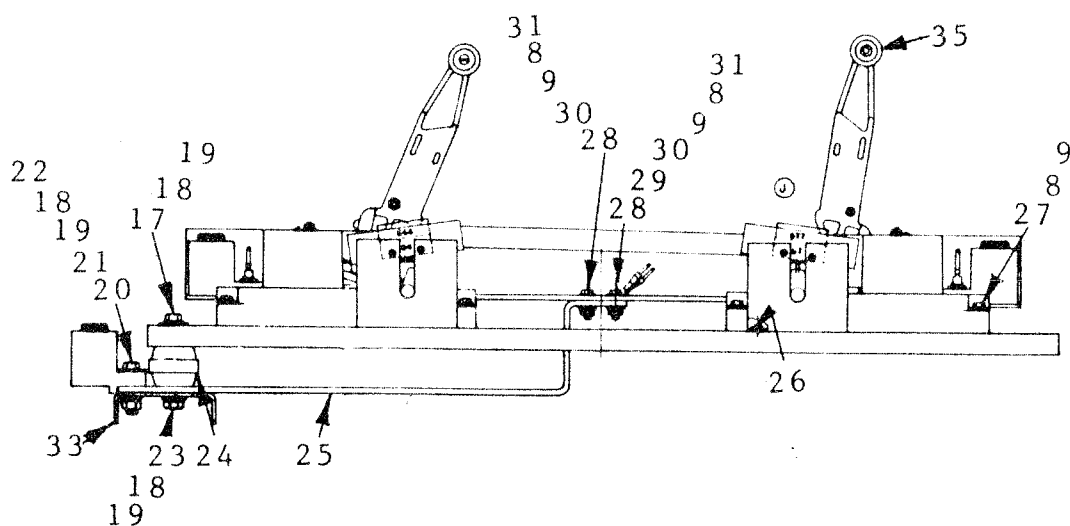
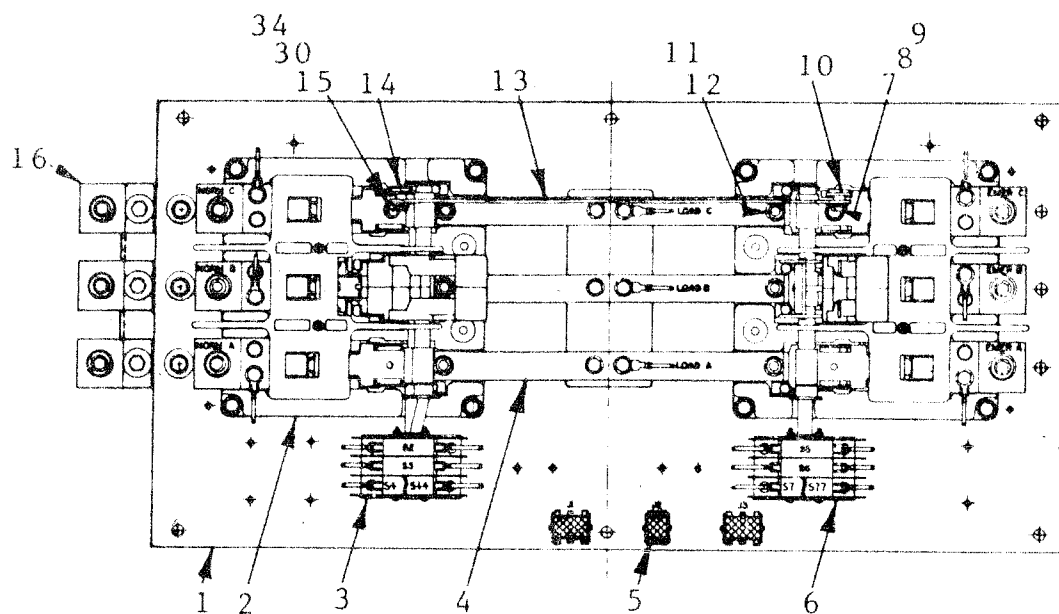
306-2533
TO
306-2550

306-2551
TO
306-2577

REF. NO.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART DESCRIPTION
1	See Tab	1	See Tab	1	See Tab	1	Switch Assembly
2	See Tab	1	306-2532	1	306-2532	1	Cover And Silkscreen
5	815-0449	10	815-0449	8	815-0449	8	Screw-RH XREC W/ET(#10-32x3/4)
6	526-0008	6	526-0008	4	526-0008	4	Washer-Flat(#10)
7			306-2274	4	306-2274	4	Cover-Contact
8					306-2273	2	Cover-Contact(Center)
10	308-0406	1	308-0406	1	308-0406	1	Switch-Toggle DPDT
11	306-2299	1	306-2285	1	306-2285	1	Bracket-Plug
12	306-2977	1	306-2978	1	306-2978	1	Cover And Silkscreen(LOAD)
13			815-0540	2	815-0540	2	Screw-RHM XREC W/IT(#8-32x1)
14			526-0003	2	526-0003	2	Washer-Flat(#8)
15	306-2340	2	306-1041	4	306-1041	4	Barrier-Arc Chute
16					306-1038	2	Barrier-Arc Chute
17	306-2341	4	306-2276	4	306-2276	4	Spacer-Actuator Mounting
18	815-0165	Tab	815-0165	Tab	815-0165	Tab	Screw-FH XREC(#10-32x7/8)
19	855-0008	Tab	855-0008	Tab	855-0008	Tab	Washer-ET CST LK(#10)
20	812-0061	2	812-0032	2	812-0032	2	Screw-RHM(#4-40x9/16)
21	850-0020	2	850-0011	2	850-0011	2	Washer-LK(#4)
22	862-0001	4	860-0003	2	860-0003	2	Nut-HEX(#4-40)
23	See Tab	1	See Tab	1	See Tab	1	Circuit Breaker
24	800-C030	2	800-0030	2	800-0030	2	Screw-HHC(5/16-18x1 1/4)
25	850-0045	2	850-0045	2	850-0045	2	Washer-LK(5/16)
26	306-2266	2	306-2266	2	306-2266	2	Rod End Assy-Actuator
27	See Tab	1	See Tab	1	See Tab	1	Actuator-Linear
29	See Tab	Tab	See Tab	Tab	See Tab	Tab	Capacitor
30	306-2357	1	306-2277	1	306-2277	1	Rod-Actuator
31	800-0019	4	800-0185	4	800-0185	4	Screw-HHC(1/4-20x5 1/2)
32	850-0040	4	850-0040	4	850-0040	4	Washer-LK(1/4)
33	526-0018	4	526-0018	4	526-0018	4	Washer-Flat(1/4)
35	524-0157	1	524-0157	1	524-0157	1	Compound-Insul And Lube

TRANSFER SWITCH	ITEM #1	ITEM #2	QTY #18	QTY #19	ITEM #23	ITEM #27	ITEM #29	QTY
306-2405	306-2365	306-2392	2	2	320-0609	306-2319	312-0232	1
306-2406	306-2366	306-2393	2	2	320-0609	306-2320	312-0232	1
306-2407	306-2365	306-2392	2	2	320-0609	306-2320	312-0232	1
306-2408	306-2365	306-2392	4	4	320-0608	306-2321	312-0205	2
306-2409	306-2365	306-2392	4	4	320-0608	306-2322	312-0225	2
306-2410	306-2365	306-2392	4	4	320-0606	306-2323	312-0236	2
306-2536	306-2510		2	2	320-0612	306-2329	312-0234	1
306-2553	306-2512		4	4	320-1102	306-2328	312-0240	2
306-2554	306-2512		2	2	320-0612	306-2329	312-0234	1
306-2555	306-2512		4	4	320-0609	306-2330	312-0233	2
306-2556	306-2512		4	4	320-0609	306-2331	312-0232	2
306-2557	306-2512		4	4	320-0609	306-2332	312-0205	2

SWITCH
ASSEMBLY

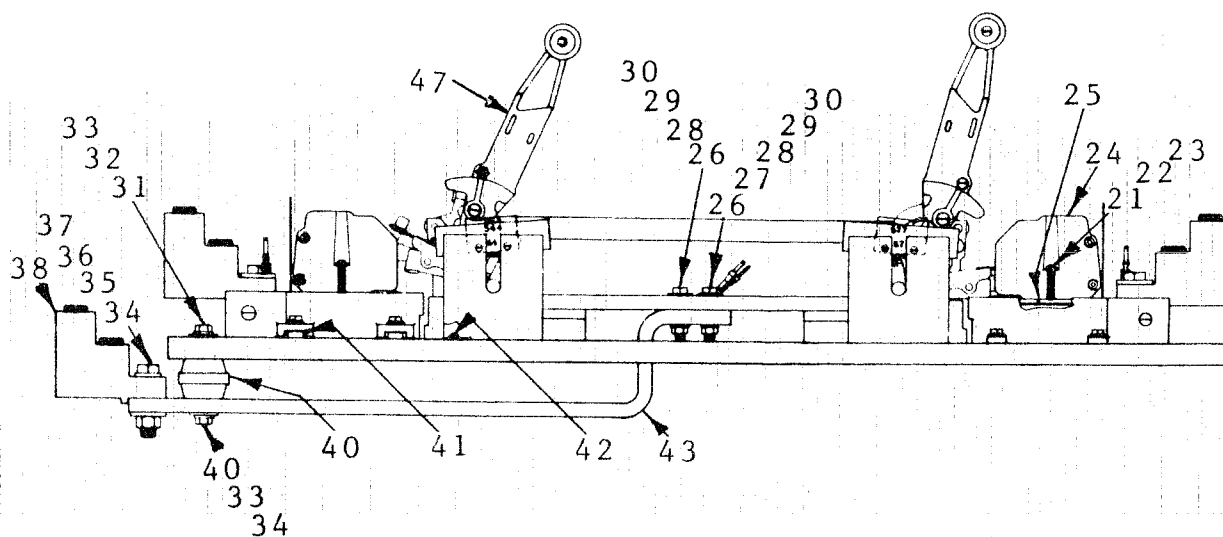
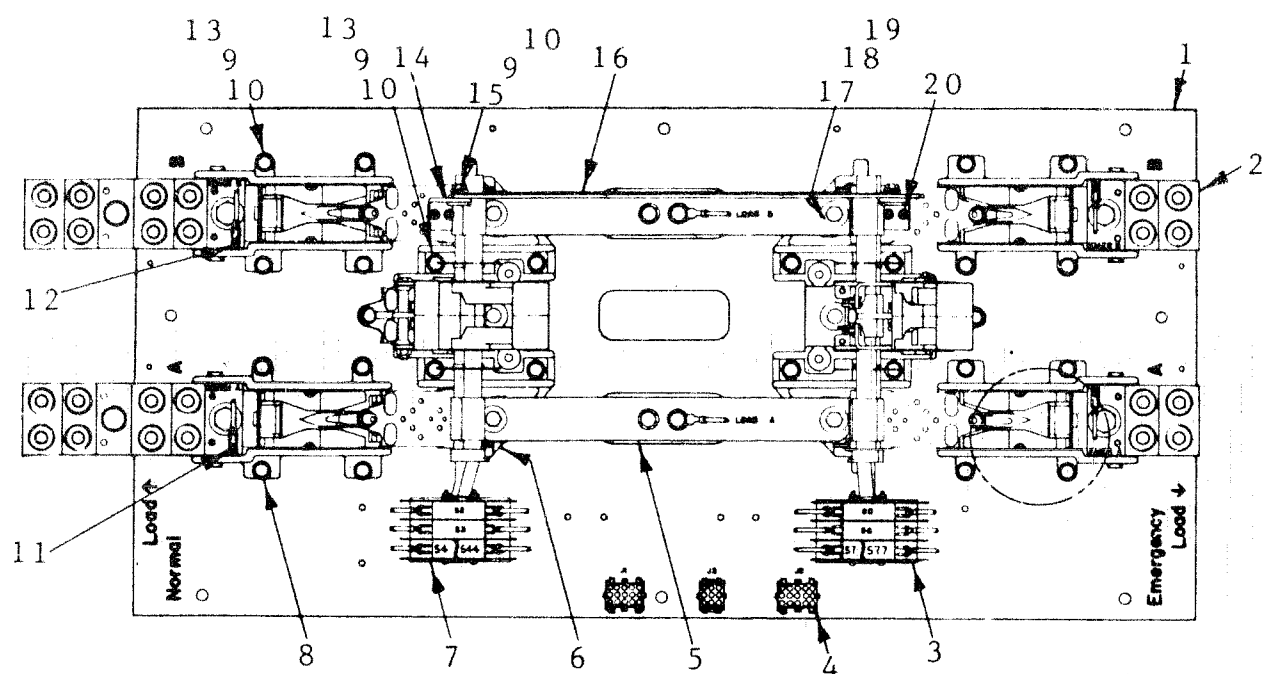


SWITCH
ASSEMBLY

OT 400 - /

306-2365			306-2366		
REF. NO.	PART NO.	QTY	PART NO.	QTY	PART DESCRIPTION
1	306-2389	1	306-2389	1	Board & Switch Mtg
2	306-2353	2	306-2354	2	Block & Crossbar Assy
3	306-2364	1	306-2364	1	Switch Assy-Aux(Norm)
4	337-1044	3	337-1044	2	Strap-Jumper
5	338-1507	1	338-1508	1	Harness-Wiring
6	306-2363	1	306-2363	1	Switch Assy-Aux(Emer)
7	800-0003	2	800-0003	2	Screw-HHC(1/4-20x1/2)
8	850-0040	16	850-0040	14	Washer-LK(1/4)
9	526-0018	16	526-0018	14	Washer-Flat(1/4)
10	306-0509	1	306-0509	1	Arm Interlock Assy
11	862-0015	6	862-0015	4	Nut-Hex(5/16-18)
12	851-0028	6	851-0028	4	Washer-Spring(Conical)
13	306-1636	1	306-1636	1	Bar-Switch Interlock
14	306-0510	1	306-0510	1	Arm Interlock Assy
15	800-0002	2	800-0002	2	Screw-HHC(1/4-20x3/8)
16	332-2445	3	332-2445	2	Lug-Solderless
17	800-0051	3	800-0051	2	Screw-HHC(3/8-16x1 1/4)
18	850-0050	9	850-0050	6	Washer-LK(3/8)
19	526-0029	9	526-0029	6	Washer-Flat(3/8)
20	800-0052	3	800-0052	2	Screw-HHC(3/8-16x1 1/2)
21	851-0022	3	851-0022	2	Washer-Spring(Conical)
22	862-0003	3	862-0003	2	Nut-Hex(3/8-16)
23	800-0049	3	800-0049	2	Screw-HHC(3/8-16x7/8)
24	332-2448	3	332-2448	2	Standoff-Insulator
25	337-1045	3	337-1045	2	Strap-Load
26	815-0449	8	815-0449	8	Screw-RH XREC W/ET(#10-32x3/4)
27	800-0009	8	800-0010	8	Screw-HHC(14-20x1 3/4)
28	800-0006	6	800-0006	4	Screw-HHC(1/4-20x7/8)
29	332-2462	3	332-2462	2	Terminal-Ring
30	851-0027	8	851-0027	6	Washer-Spring(Conical)
31	862-0001	6	862-0001	4	Nut-Hex(1/4-20)
32	518-0341	1	518-0341	1	Compound-Joint(Elec)
33	306-2980	1	306-2980	1	Support-Channel
34	518-0206	1	518-0206	1	Sealant-Thread(Loctite)
35	306-1372	1	306-1372	1	Handle Assy-Actuator

SWITCH ASSEMBLY



SWITCH
ASSEMBLY

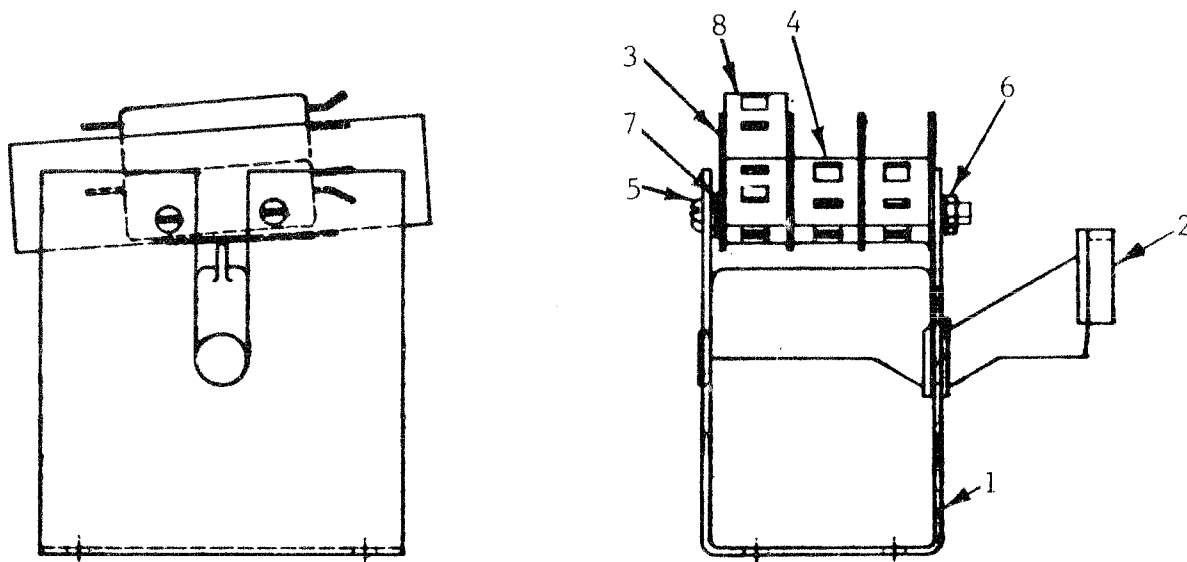
OT _____ 600- _____ / _____

306-2510			306-2512		
REF. NO.	PART NO.	QTY	PART NO.	QTY	PART DESCRIPTION
1	306-2283	1	306-2282	1	Base-Mtg.(Silkscreen)
2	See Tab	4	See Tab	4	Block Assy-Line Strap
3			See Tab	2	Block Assy-Line Strap
4	306-2304	1	306-2304	1	Switch Assy-Aux(Emer)
5	338-1514	1	338-1513	1	Wiring Harness
6	See Tab	2	See Tab	3	Strap-Jumper
7	306-2428	2	306-2429	2	Block Assy-Contact
8	306-2303	1	306-2303	1	Switch Assy-Aux(Norm)
9	800-0008	8	800-0008	12	Screw-HHC(1/4-20x1 1/4)
10	850-0040	26	850-0040	26	Washer-LK(1/4)
11	526-0018	26	526-0018	26	Washer-Flat(1/4)
12	332-2364	4	332-2364	6	Terminal
13	815-0538	4	815-0538	6	Screw-RHM XREC W/IT(#8-32x1/2)
14	800-0007	16	800-0007	12	Screw-HHC(1/4-20x1)
15	306-0508	2	306-0508	2	Arm-Interlock Assy
16	800-0003	2	800-0003	2	Screw-HHC(1/4-20x1/2)
17	306-2278	1	306-2278	1	Bar-Interlock
18	800-0052	4	800-0053	6	Screw-HHC(3/8-16x1 3/4)
19	851-0022	4	851-0022	6	Washer-Spring(3/8)
20	306-1398	4	306-1398	6	Bushing
21	815-0446	4	815-0446	4	Screw-RH XREC W/IT(#8-32x1/2)
22	812-0087	8	812-0087	12	Screw-RHM(#8-32x1 1/2)
23	850-0025	8	850-0025	12	Washer-LK(#8)
24	526-0003	8	526-0003	12	Washer-Flat(#8)
25	306-0320	4	306-0320	6	Arc Chute
26	306-0668	8	306-0668	12	Spacer-Arc Chute
27	800-0032	4	800-0032	6	Screw-HHC(5/16-18x1 3/4)
28	332-2463	2	332-2463	3	Terminal-Ring
29	526-0045	4	526-0045	6	Washer-Flat(5/16)
30	851-0028	4	851-0028	6	Washer-Spring(5/16)
31	862-0015	4	862-0015	6	Nut-Hex(5/16-18)
32	800-0051	2	800-0051	3	Screw-HHC(3/8-16x1 1/4)
33	850-0050	4	850-0050	6	Washer-LK(3/8)
34	526-0029	4	526-0029	6	Washer-Flat(3/8)
35	See Tab	2	See Tab	3	Screw-HHC(1/2-13xSee Tab)
36	526-0035	2	526-0035	3	Washer-Flat(1/2)
37	851-0023	2	851-0023	3	Washer-Spring(1/2)
38	862-0016	2	862-0016	3	Nut-Hex(1/2-13)
39	See Tab	2	See Tab	3	Lug-Solderless
40	See Tab	2	See Tab	3	Screw HHC(3/8-16xSee Tab)
41	332-2448	2	332-2448	3	Standoff-Insulator
42	166-0122	8	166-0122	4	Spacer-Mtg Screw
43	815-0449	8	815-0449	8	Screw-RH XREC W/ET(#10-32x3/4)
44	See Tab	2	See Tab	3	Strap-Load
45	518-0341	1	518-0341	1	Compound-Joint(Elec)
46	525-0082	1	525-0082	1	Glyptol
47	306-0819	1	306-0819	1	Handle Assy-Actuator

SWITCH ASSEMBLY	ITEM #2	ITEM #3	ITEM #6	ITEM #35	LG	ITEM #39	ITEM #40	LG	ITEM #44
306-2510	306-2346		337-1021	800-0093	1 3/4	332-2440	800-0049	7/8	337-1022
306-2512	306-2346	306-2345	337-1021	800-0093	1 3/4	332-2440	800-0049	7/8	337-1022

AUXILIARY
SWITCH
ASSEMBLY

OT - /

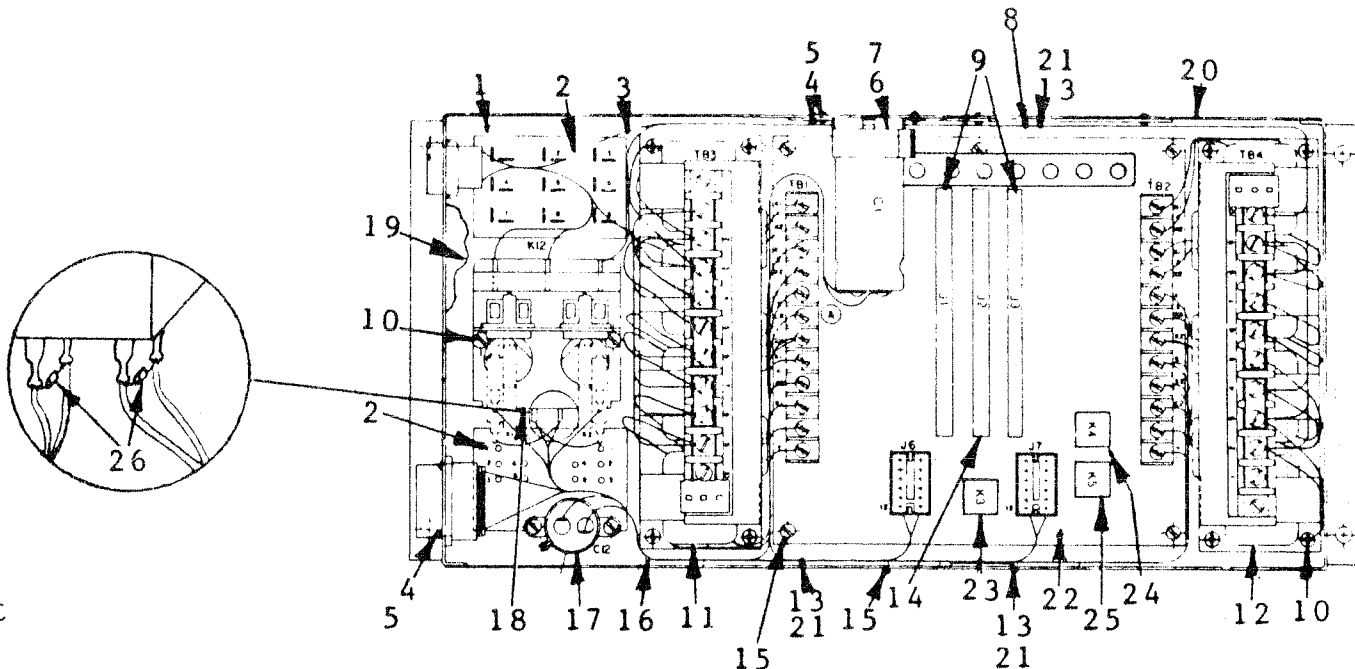


REF. NO.	PART NO.	QTY	PART DESCRIPTION
1	See Tab	1	Bracket-Aux Switch
2	See Tab	1	Lever-Aux Switch
3	306-1987	4	Barrier-Switch
4	309-0393	2	Switch-Snap Action
5	812-0199	2	Screw-RHM(#6-32x2 1/2)
6	870-0183	2	Nut-Hex W/ET LW(6-32)
7	526-0002	4	Washer-Flat(#6)
8	309-0506	1	Switch-Snap Action

	SIDE	SWITCH ASSEMBLY	ITEM #1	ITEM #2
400	Normal	306-2364	306-2342	306-2262
	Emergency	306-2363	306-2342	306-2263
600	Normal	306-2303	306-2302	306-2264
	Emergency	306-2304	306-2302	306-2265

CONTROL ASSEMBLY

OT



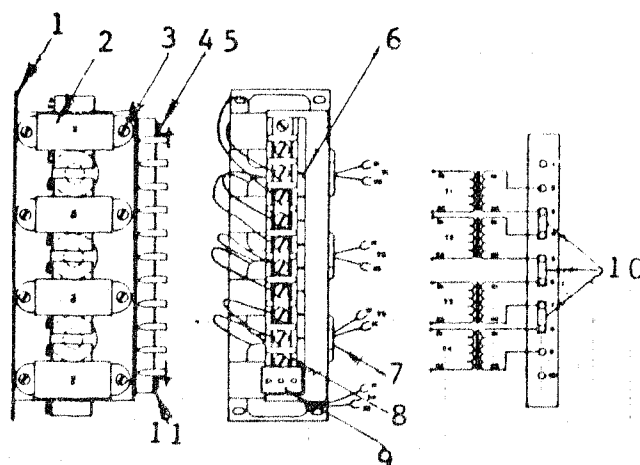
* Does not
include
Voltage
Sensor
Modules

	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	Contact-Reverse
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)(Optional)
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
	1	A	A	A		A											
	3	A	A	A		A											
Under Voltage	1																
	3																
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
	1	A									A			A			
	3	A									A			A			
Under Voltage	1					B				B			B				B
	3					B				B			B				B
Under/Over Voltage	1		C					C				C			C		
	3		C					C				C			C		
Under Voltage and Freq	1			E	E		D		D							D	
	3			D	D		D		D							D	
Under/Over Volt and Freq	1																
	3																

CODE MODULE

A- 300-2375

B- 300-2788

C- 300-2548

D- 300-2373

E- 300-2758

CONTROL ASSEMBLY

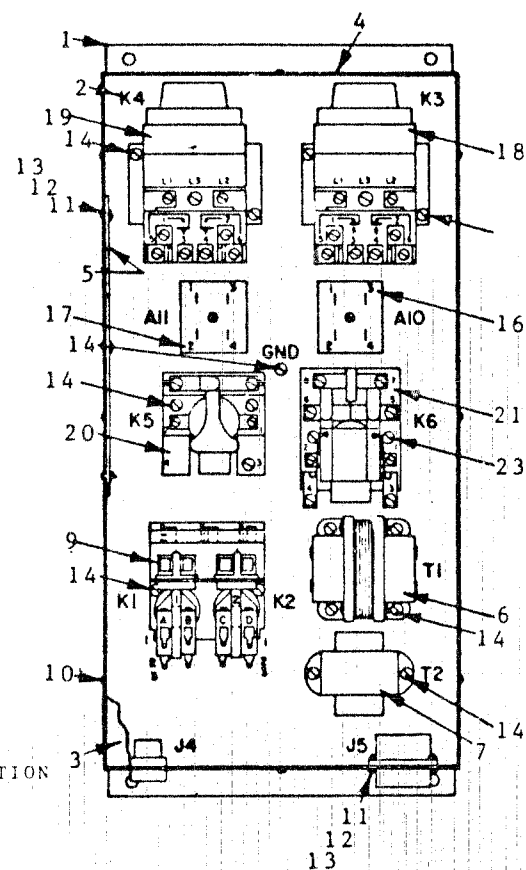
OT

(a)

(b)

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-Reversing(-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

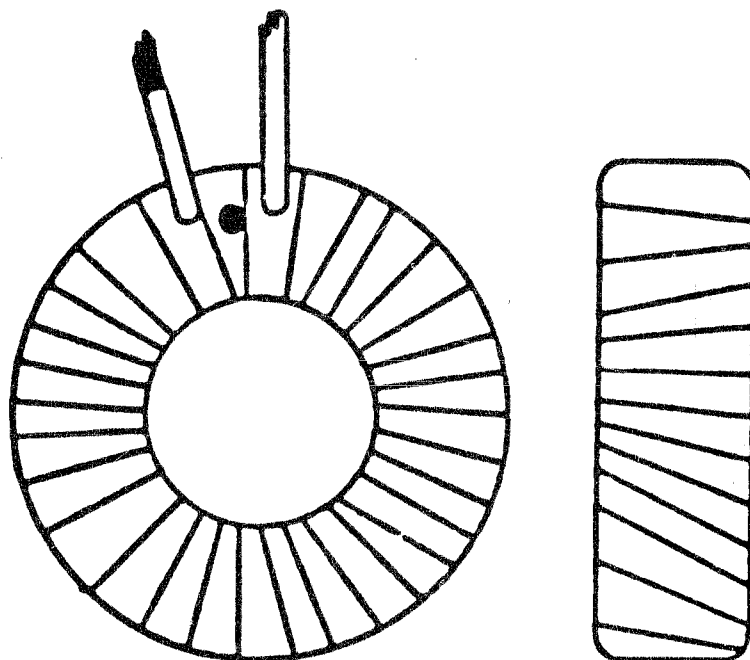
		(a)	(c)	(b)	PART NO.
OT					
A E	01 02 03 04 05 06 11				
Normal Lamp(White)				1 3 4 4X 5D 7 7X 8 9X	322-0318
Emergency Lamp(Yellow)				1 3 4 4X 5D 7 7X 8 9X	322-0317
B D	01 02 03 04 05 06 11				
Normal Lamp(White)				1 3 4 4X 5D 7 7X 8 9X	322-0235
Emergency Lamp(Amber)				1 3 4 4X 5D 7 7X 8 9X	322-0233
A B	01 02 03 04 05 06 11				
D E	Light Bulb			1 3 4 4X 5D 7 7X 8 9X	322-0316
Resistor			1		350-1204
Resistor			3 4 5D 7 7X 8		350-1205
Resistor			4X		350-1206
Resistor			9X		350-1207
C	01 02 03 04 05 06 11				
Normal Lamp(Green)			1		322-0243
Emergency Lamp(Red)			1		322-0242
Normal Lamp(Green)			3 4 5D 8		322-0249
Emergency Lamp(Red)			3 4 5D 8		322-0248
Normal Lamp(Green)			4X 7 7X		322-0255
Emergency Lamp(Red)			4X 7 7X		322-0254
A B	02 03 06 07 09 10				
C D	Voltmeter		1 51		302-0420
E	Voltmeter		3 4 5D 53 54 55D		302-0421
Voltmeter			4X 7 7X 54X 57 57X		302-0422
Voltmeter			9X 59X		302-0423
03 05 06 07 08 09 10					
Frequency Meter			1 4X 9X		302-0809
Frequency Meter			4		302-0810
Frequency Meter			3 5D 7 7X 8		302-0811
Frequency Meter			51 54X 59X		302-0893
Frequency Meter			54		302-0894
Frequency Meter			53 55D 57 57X 58		302-0895
Transformer-Stepdown			4X 54X 9X 59X		315-0377
03 04 05 07 08					
Running Time Meter			1 4X 9X		302-0465
Running Time Meter			3 4 5D 7 7X 8		302-0466
Running Time Meter			51 54X 59X		302-0468
Running Time Meter			53 54 55D 57 57X 58		302-0469
Transformer-Stepdown			4X 54X 9X 59X		315-0377
03 06 07 10 11					
Ammeter(400 Amp)			1 3 4 4X 5D 7 7X 8 9X		302-0605
Ammeter(500 Amp)			1 3 4 4X 5D 7 7X 8 9X		302-0415

CURRENT
TRANSFORMER

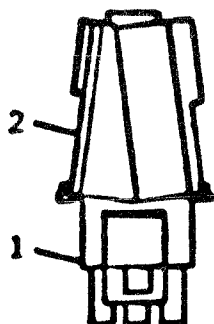
OT /

400 302-1394

600 302-1395



BYPASS
PLUG



REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	323-1201	1	Connector-Plug Housing
2	323-1208	2	Strain Relief

CONTACT
BLOCK

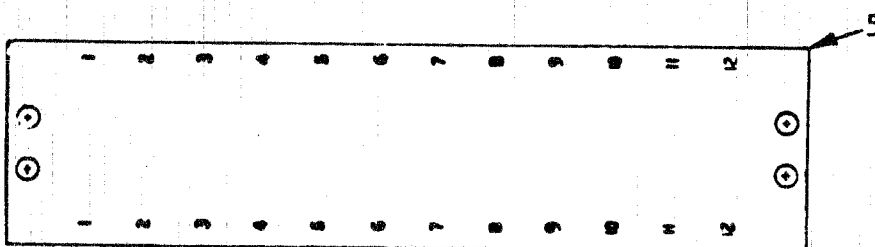
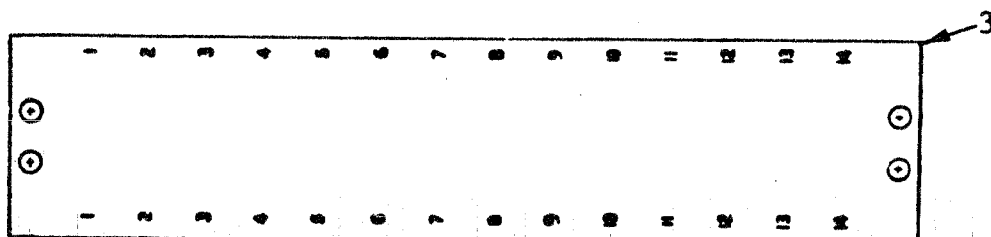
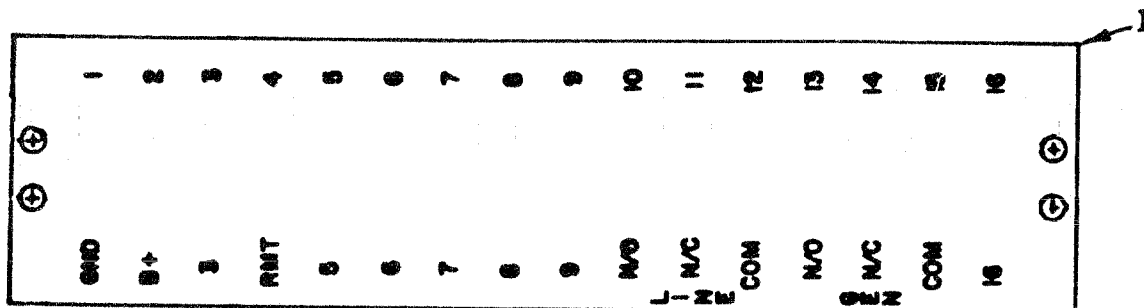


308-0579 (Normal Open)
308-0580 (Normal Closed)

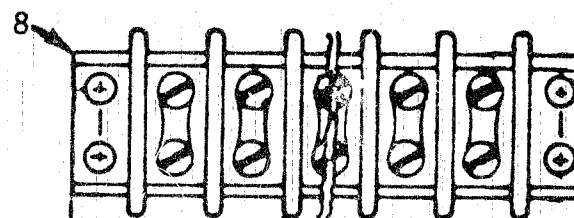
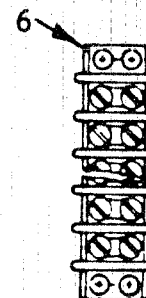
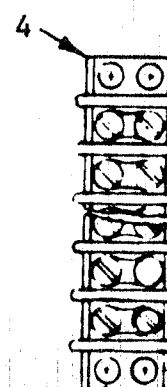
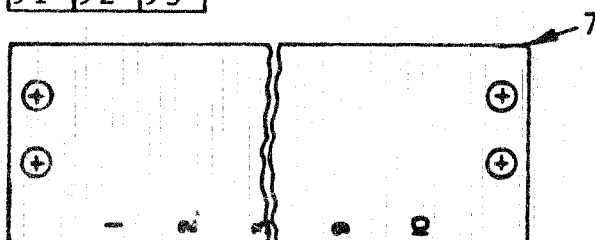
TERMINAL
BLOCK

OT _____ - _____ / _____

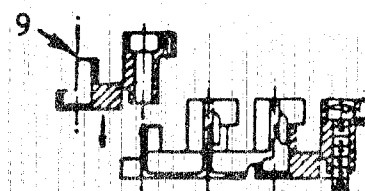
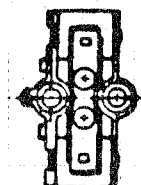
31	32	33	34
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91	92	93
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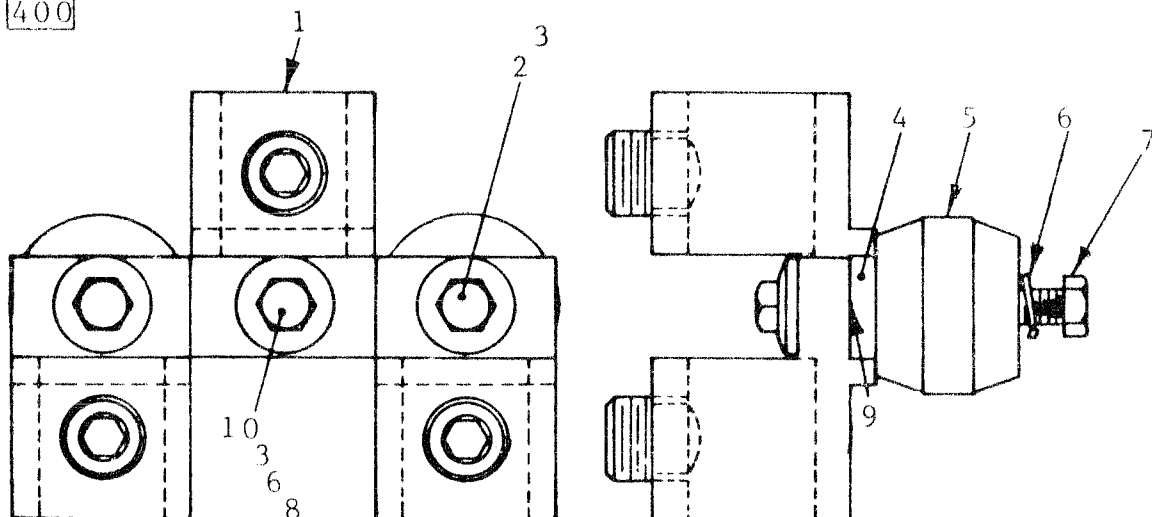
REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	332-2425	1	Strip-Marker
2	332-0795	1	Block-Terminal(16 Term.)
3	332-1698	1	Strip-Marker
4	332-1697	1	Block-Terminal(14 Term.)
5	332-1469	1	Strip-Marker
6	332-1468	1	Block-Terminal(12 Term.)
7	332-2563	1	Strip-Marker
8	332-2562	1	Block-Terminal(10 Term.)
9	332-2648	1	Block-Terminal(Sectional)



NEUTRAL
BARS

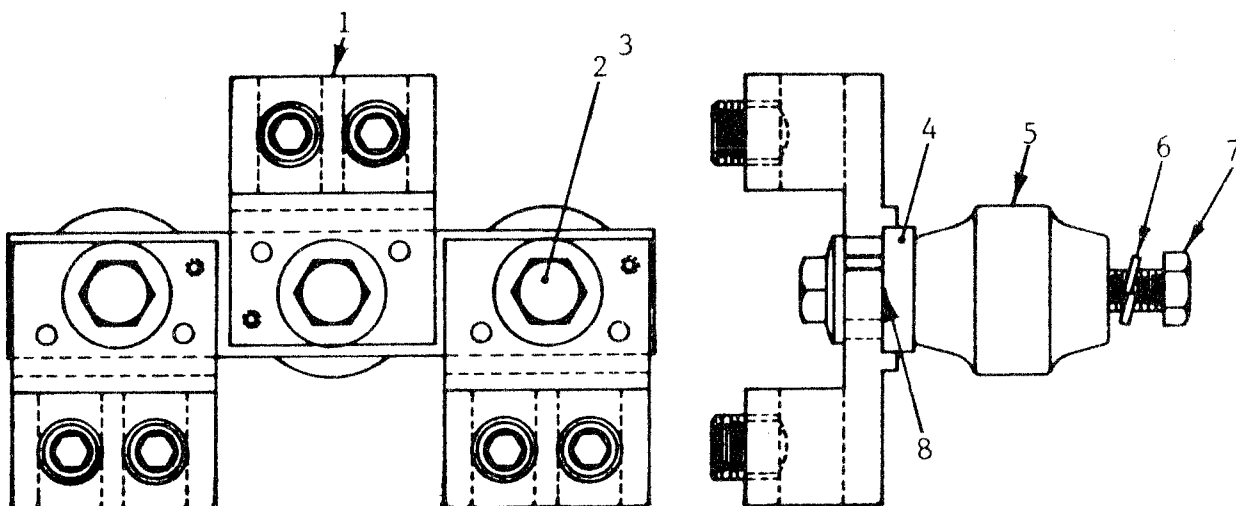
OT _____ / _____

400



REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	332-2445	3	Lug-Solderless
2	800-0051	2	Screw-HHC(3/8-16x1 1/4)
3	851-0022	3	Conical Disc Spring(3/8)
4	337-1050	1	Neutral Bar
5	332-2448	2	Stand Off-Insulator
6	850-0050	3	Washer-LK(3/8)
7	800-0047	2	Screw-HHC(3/8-16x5/8)
8	862-0003	1	Nut-HEX(3/8-16)
9	518-0341	1	Compound-Joint(Elec)
10	800-0052	1	Screw-HHC(3/8-16x1 1/2)

600



REF. NO.	PART NO.	QTY.	PART DESCRIPTION
1	332-2440	3	Lug-Solderless
2	800-0092	3	Screw-HHC(1/2-13x1 1/2)
3	851-0023	3	Conical Disc Spring(1/2)
4	337-1051	1	Neutral Bar
5	332-2133	3	Stand Off-Insulator
6	850-0060	3	Washer-LK(1/2)
7	800-0089	3	Screw-HHC(1/2-13x7/8)
8	518-0341	1	Compound-Joint(Elec)

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
 406-0524 Handle-Locking Door

POWER
SUPPLY

OT

B

REF. PART
NO. NO. QTY. 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

