

YORK®

SECTION 3

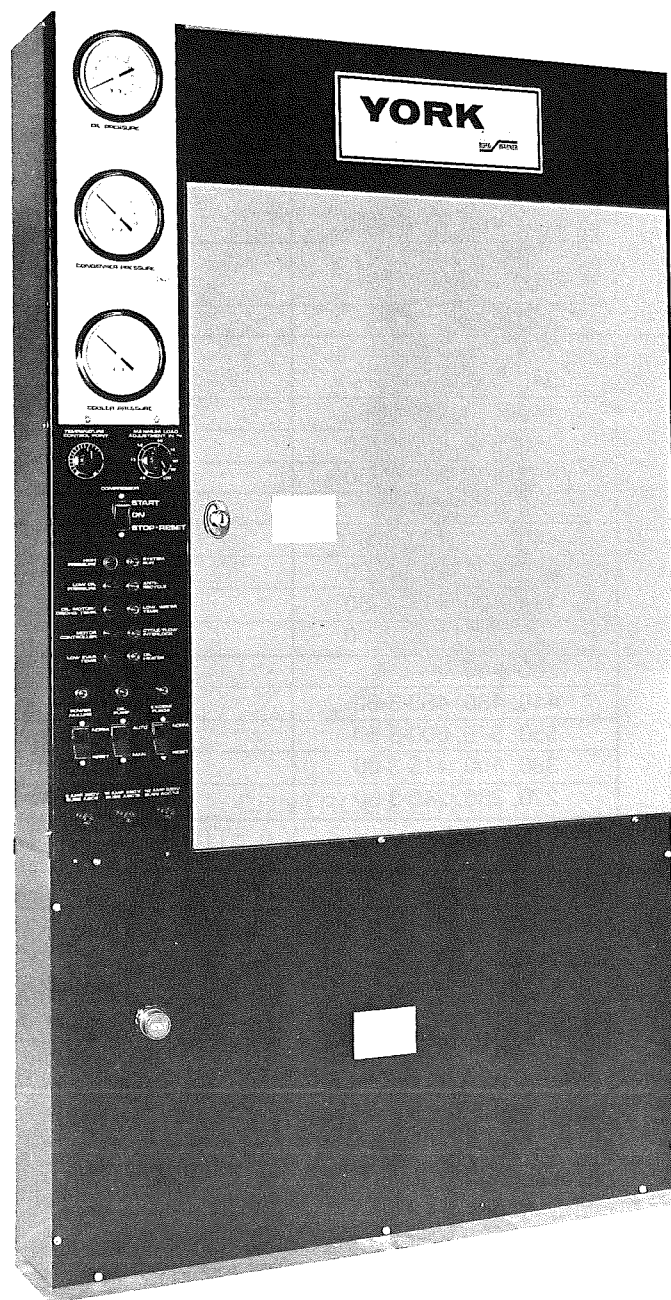
CodePak CENTRIFUGAL LIQUID CHILLERS

RENEWAL PARTS

Supersedes: 160.44-RP1 (Sect. 3) Coded 280

683 Form 160.44-RP1 (Sect. 3)

ELECTRONIC CONTROL CENTER MODEL HT/OT/YT A1 A1 B1 THRU HT/OT/YT L3 X3 E3 PART NO. 366-82177 (SEE PAGE 2) HERMETIC AND OPEN TURBOPAK 150 THRU 400 TONS



CONTROL CENTER VARIATIONS AND PART NUMBERS

CONTROL CENTER VARIATION	MODEL TURBOPAK	OIL PUMP VOLTS-PHASE-HERTZ	CONTROL CENTER PART NUMBER			
			MANUAL RESTART		AUTOMATIC RESTART	
For use with electro mechanical starter low voltage (208V-600V) motors	HT/OT YT	208, 220, 230 240-3-60	366-82177-047		366-82177-052	
		440, 460 480-3-60		-048		-053
		550, 575, 600-3-60		-049		-054
		380, 416-3-60 380, 400, 415-3-50		-050		-055
		220-3-50		-043		-045
		346-3-50		-051		-056
		440-3-50		-044		-046
High voltage (2300V- 4160V) For use with electro mechanical starter	HT	208, 220 230, 240-3-60		-011		-016
		440, 460, 480-3-60		-012		-017
		550, 575, 600-3-60		-013		-018
		380, 416-3-60 380, 400, 415-3-60		-014		-019
		220-3-50		-009		-021
		346-3-50		-015		-020
		440-3-50		-010		-022
For use with Solid State Starter (low voltage 206V-600V motors)	HT/OT	208, 220, 230, 240-3-60		-029		-033
		440, 460, 480-3-60		-030		-034
		550, 575, 600-3-60		-031		-035
		380, 400, 415-3-50		-032		-036
For use with Solid State Starter with transformer (low voltage 208V-600V motors)	HT/OT	208-3-60		-057		-061
		440, 460, 480-3-60		-058		-062
		550, 575, 600-3-60		-059		-063
		380, 400, 415-3-60		-060		-064
		220, 230, 240-3-60		-065		-066
For use with Solid State Starter with transformer	HY/YT	208-3-60		-177	Separate Automatic Restart Kit Part No. 366-89592A	
		440, 460, 480-3-60		-178		
		550, 575, 600-3-60		-179		
		380, 400, 415-3-60		-180		
		220, 230, 240-3-60		-181		

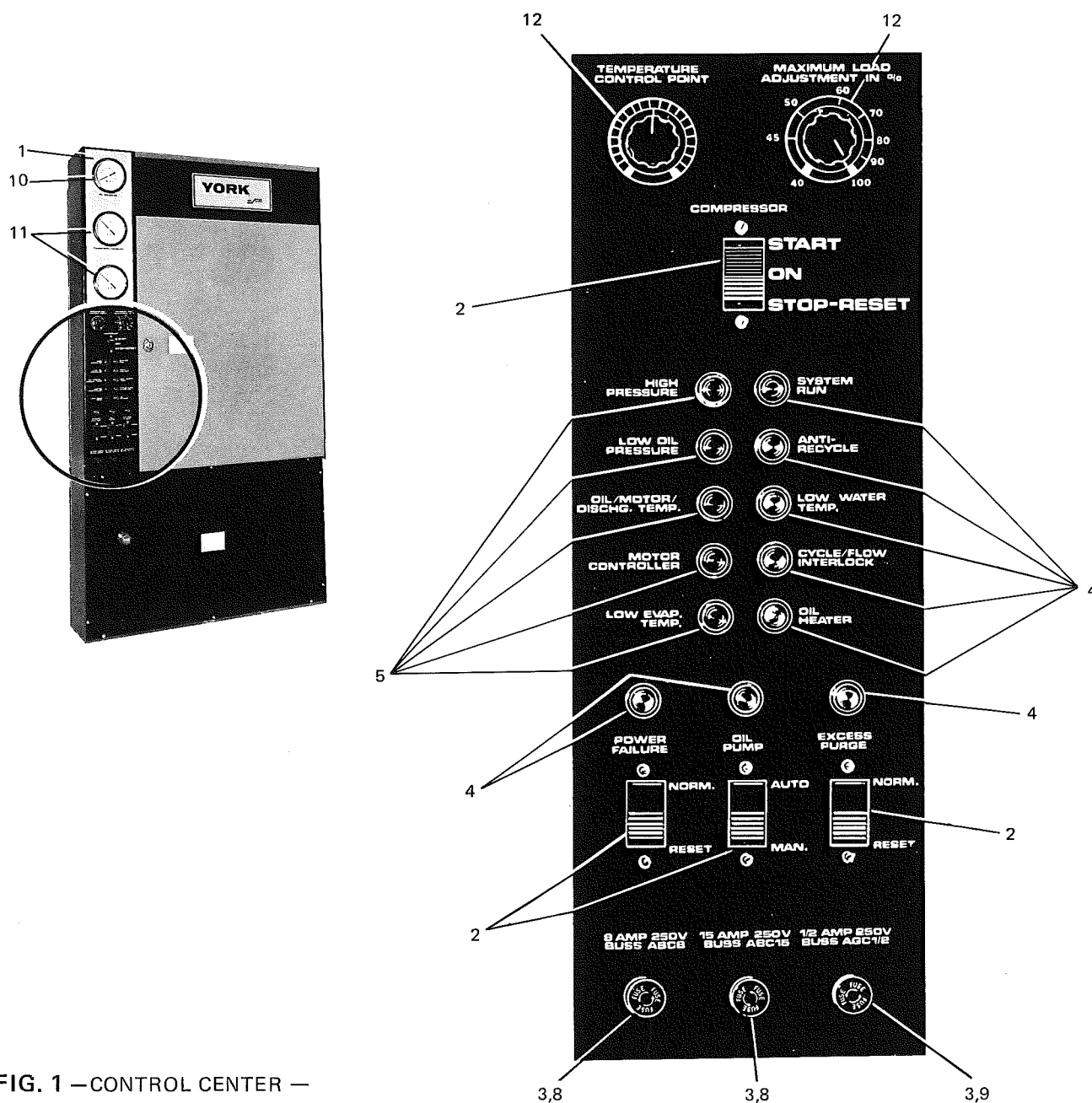


FIG. 1 — CONTROL CENTER —
GAUGES, LIGHTS, SWITCHES

CONTROL CENTER
GAUGES, LIGHTS AND SWITCHES (REFER TO FIG. 1)

ITEM	DESCRIPTION	PART NO.	QUAN.
1	Panel, Gauge (Silk Screened)	066-81366	1
2	Switch	024-16590	3
3	Switch	024-20087	1
4	Light, Pilot (Amber)	025-14025	8
5	Light, Pilot (Red)	025-13551	5
6	Fuse, Holder	025-13991	3
7	Fuse (8 Amp)	025-16690	1
8	Fuse (15 Amp)	025-14384	1
9	Fuse (1/2 Amp)	025-14383	1
10	Gauge (OP)	026-14572-007	1
11	Gauge (Condenser & Cooler Press.)	026-14572-002	2
12	Knobs	025-15889	2

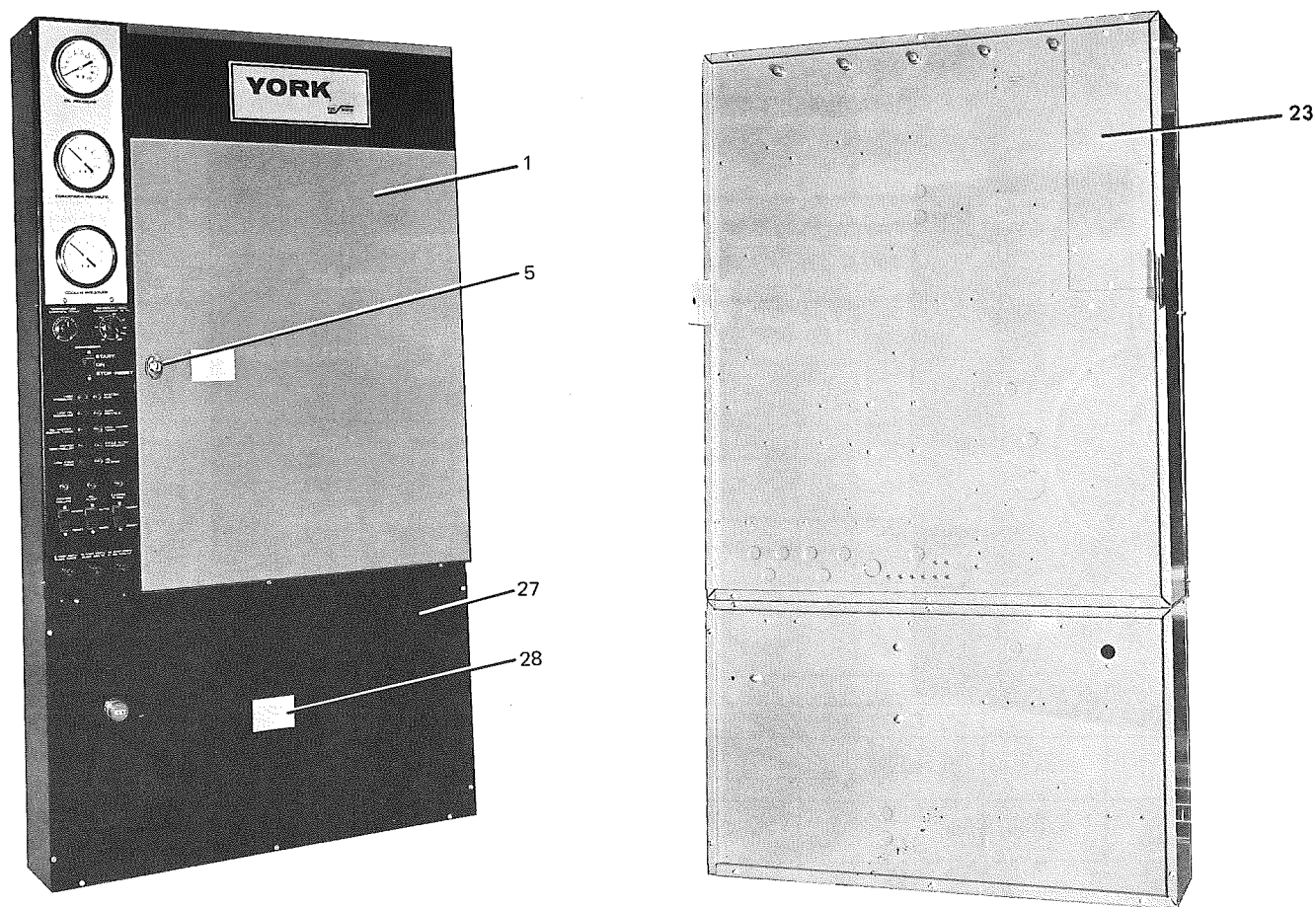


FIG. 2 —CONTROL CENTER — FRONT & REAR

MAIN CONTROL COMPARTMENT (BASIC PARTS) (REFER TO FIG. 2)

ITEM	DESCRIPTION	PART NO.	QUAN.	SEE FIG.
1	Door & Hinge Assembly	366-81443	1	1
2	Relay Mounting Panel	366-81518	1	3
3	Recepticle, Relay	025-19688	14	3
4	Retainer Relay	024-19056	14	3
5	Fastner Pawl (Lock & Keys)	021-13025	1	2
6	Insulation Terminal Block	066-81517	1	3
7	Relay, Control (13R)	024-20090	1	3
8	Relay, Control (1R, 2R, 6R, 7R, 8R, 9R, 10R, 11R, 12R)	024-18784	9	3
9	Relay, Control (3R, 4R, 5R)	024-20089	3	3
10	Timer Repeat Cycle (1TR)	025-20790	1	3
11	Timer (2TR)	025-17172	1	3
12	Connector, Electrical (12 Pin)	025-20787	1	3
13	Connector Electrical (15 Pin)	025-20788	1	3
14	Control, Pressure (OP)	225-14386-003	1	3
15	Control, Pressure (HP)	025-14385	1	3
16	Control, Pressure (PHP)	025-17676	1	3
17	Bushing (For Press. Controls- Items 14, 15, 16)	025-10147	3	3
18	Control, Purge Cycle Counter (PPC)	025-17687	1	3
19	Terminal, Block	025-20945	23	3
20	Terminal, Block	025-20944	21	3
21	Strip, Marker	025-20793	1	3
22	Strip, Marker	025-20794	1	3
23	Cover, Access Panel	066-81510	1	2
24	Connector, Electrical	025-21159	1	
25	Block, Terminal End	025-20946	2	2
26	Temperature Control Module (TM)	031-00080	1	2

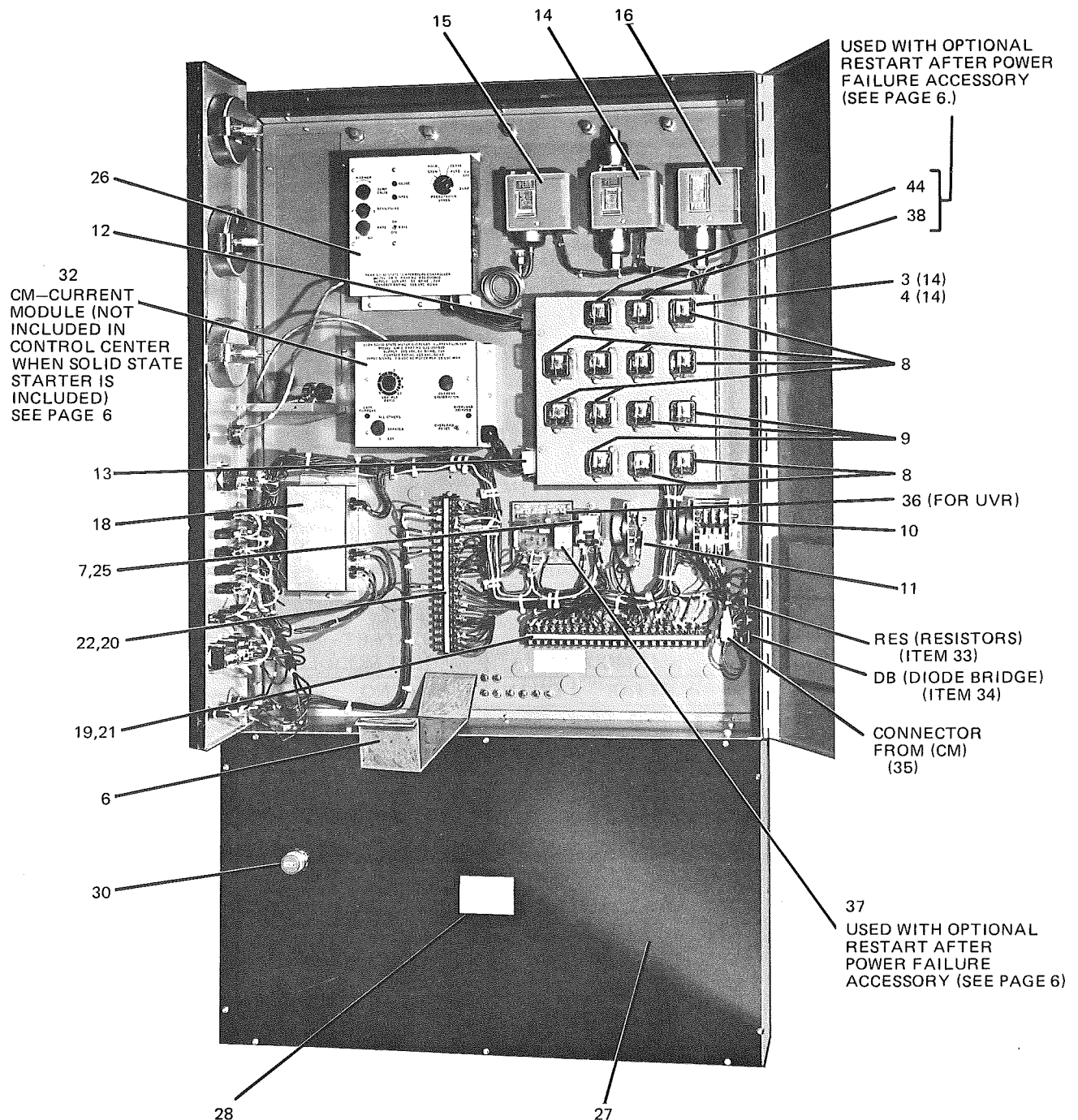


FIG. 3 —CONTROL CENTER — UPPER COMPARTMENT

AUXILIARY CONTROL COMPARTMENT (BASIC PARTS) (REFER TO FIGS. 2 & 3)

ITEM	DESCRIPTION	PART NO.	QUAN.	SEE FIG.
27	Cover, Auxiliary Box	066-81441	1	2
28	Label, Oil Pump	035-03950	1	2
29	Starter - Oil Pump	024-19119-002	1	3
30	Operator, Starter Overload	024-20293	1	2

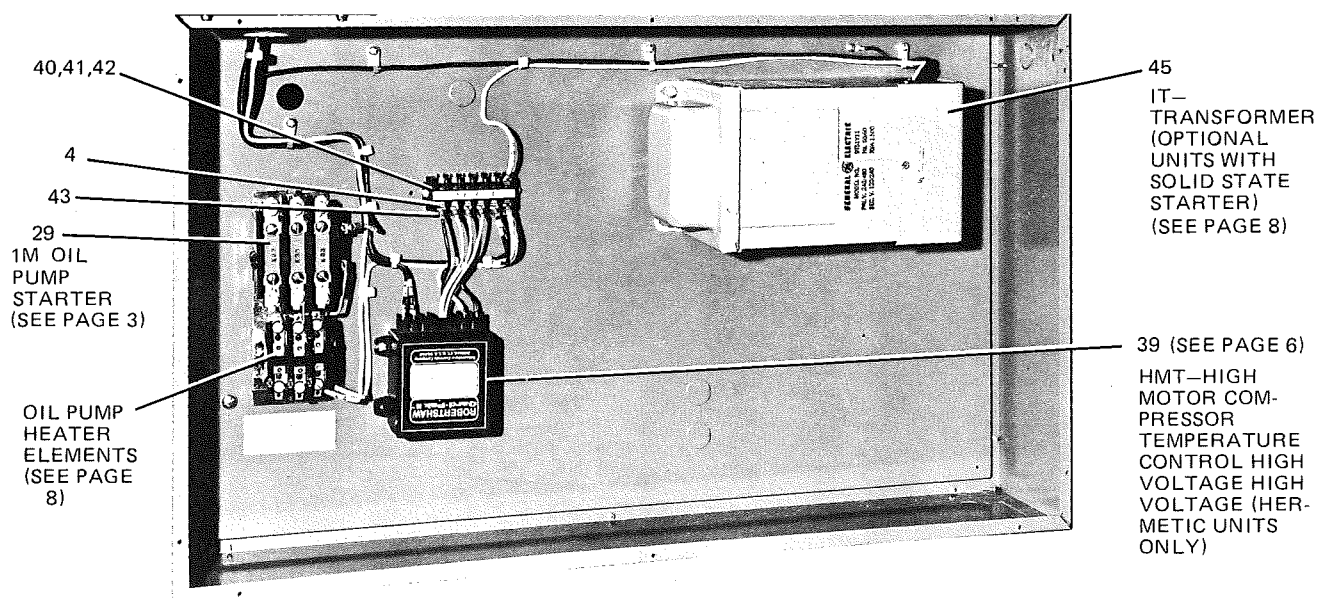


FIG. 4 - AUXILIARY CONTROL COMPARTMENT - PANEL REMOVED

VARIABLE PARTS

ITEM	DESCRIPTION	MODEL HT-MANUAL RESTART - with HMT MODULE		MODEL HT-AUTO. RESTART - with HMT MODULE		MODEL HT, OT or YT with SOLID STATE STARTER MANUAL RESTART		SEE FIG.
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.	
31	Plug, Electrical (2-Pin)	025-19672	1	025-19672	1	-	-	4
32	Control, Current Module (CM)	031-00081	1	031-00081	1	-	-	3
33	Resistor	025-20789	2	025-20739	1	-	-	3 & 6
34	Diode, Bridge	031-00210	1	031-00210	1	-	-	3 & 6
35	Connector	025-14461	3	-	-	025-14461	3	3 & 6
36	Nut, Expansion	-	-	021-13017	4	-	-	3
37	Control (Under Voltage Relay)	-	-	031-00082	1	-	-	3 & 6
38	Relay - (14R)	-	-	024-20089	1	-	-	3 & 5
39	Module - (HMT)	025-20791-003	1	025-20791-003	1	-	-	4
40	Block Terminal (3TB)	025-18867	6	025-18867	6	025-18867	2	4
41	Block Terminal End (3TB)	025-13981	1	025-13981	1	025-13981	1	4
42	Strip, Marker (3TB)	025-20904	1	025-20904	1	025-20981	1	4
43	Terminal	025-06642	4	025-06642	4	-	-	4
44	Relay - (15R)	-	-	024-18474	1	-	-	3 & 5

ITEM	DESCRIPTION	MODEL HT, OT or YT with SOLID STATE STARTER AUTO. RESTART		MODEL HT, OT or YT with MANUAL RESTART		MODEL HT or OT with AUTO. RESTART		SEE FIG.
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.	
31	Plug, Electrical (2-Pin)	-	-	025-19672	1	025-19672	1	4
32	Control, Current Module (CM)	-	-	031-00081	1	031-00081	1	3
33	Resistor	-	-	025-20789	2	025-20789	2	3 & 6
34	Diode, Bridge	-	-	031-00210	1	031-00210	1	3 & 6
35	Connector	-	-	025-14461	3	-	-	3 & 6
36	Nut, Expansion	021-13017	4	-	-	-	-	3
37	Control (Under Voltage Relay)	031-00082	1	-	-	031-00082	1	3 & 6
38	Relay - (14R)	024-20089	1	-	-	024-20089	1	3 & 5
39	Module - (HMT)	-	-	-	-	-	-	4
40	Block Terminal	025-18867	2	025-18867	2	025-18867	2	4
41	Block Terminal End	025-13981	1	025-13891	1	025-13891	1	4
42	Strip, Marker	025-20981	1	025-20981	1	025-20981	1	4
43	Terminal	-	-	-	-	-	-	4
44	Relay - (15R)	024-18784	1	-	-	024-18784	-	3 & 5

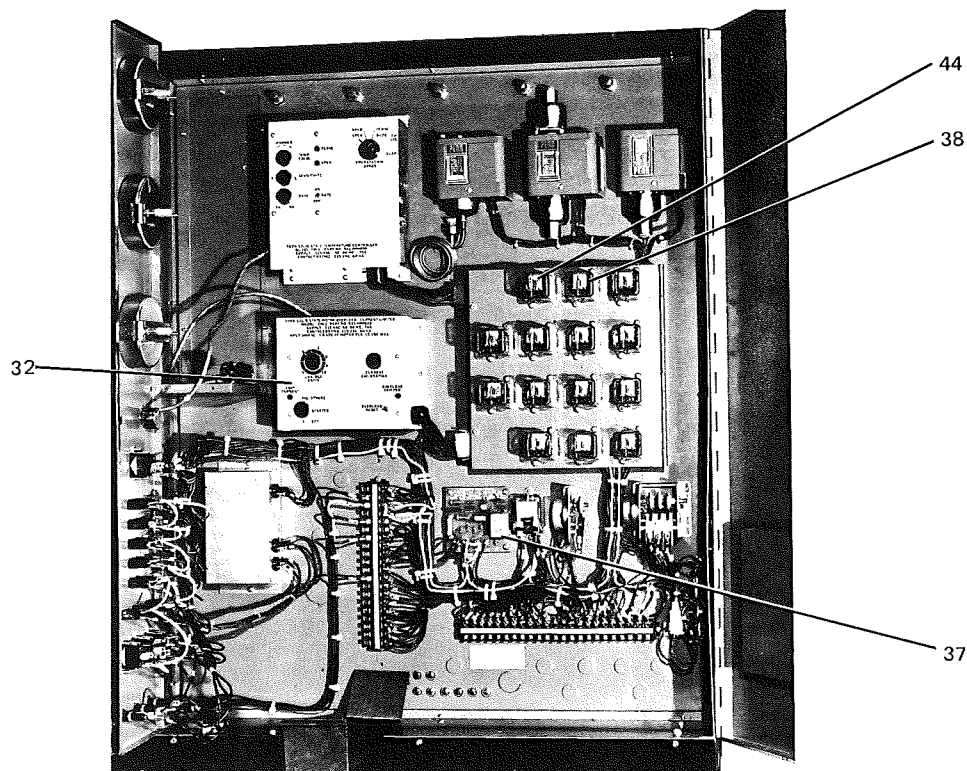


FIG. 5 —CONTROL CENTER — FOR ELECTRO-MECHANICAL START

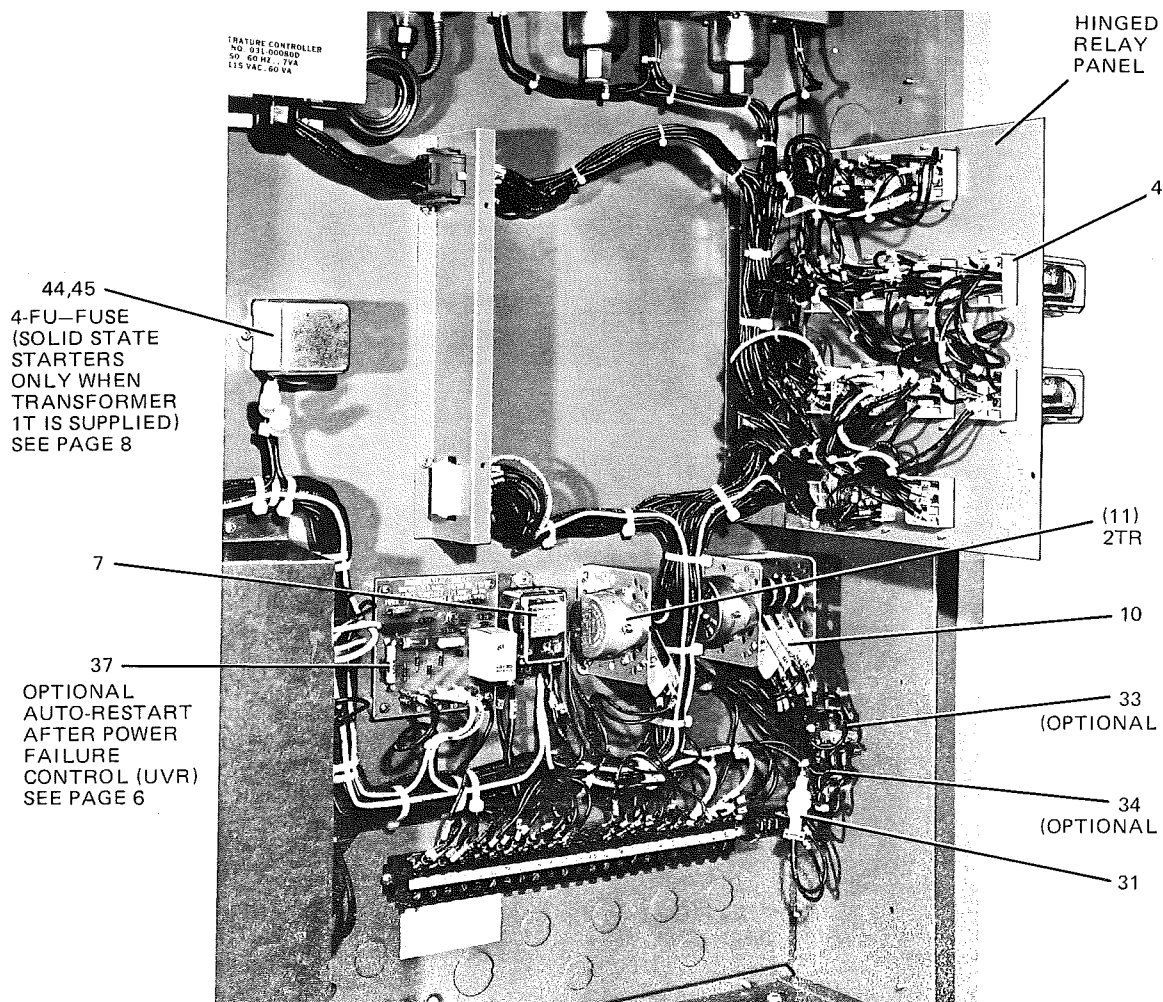


FIG. 6 —CONTROL CENTER — FOR SOLID STATE STARTER

**SOLID STATE STARTER (OPTIONAL)
TRANSFORMER FUSE AND FUSE HOLDER
SEE FIGS. 4 & 6**

ITEM	DESCRIPTION	208V		220V, 230V, 240V, 440V, 460V, 480V		550V, 575V, 600V		400V, 415V, 380V		SEE FIG.
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.	
45	Transformer	025-17770	1	025-17224	1	025-14250	1	025-19498	1	4
46	Fuse	025-20785	1	025-20785	1	025-20785	1	025-20785	1	6
47	Fuse Holder	025-20786	1	025-20786	1	025-20786	1	025-20786	1	6

**OIL PUMP STARTER
HEATER ELEMENTS (REFER TO FIG. 4)**

VOLTS - PHASE - HERTZ	PART NO.	QUAN.
208, 220, 230, 240-3-60	024-19428	3
440, 460, 480-3-60	024-18424	3
550, 575, 600-3-60	024-19444	3
380, 416-3-60	024-20092	3
380, 400, 415-3-50		
220-3-50	024-19424	3
346-3-50	024-19420	3
440-3-50	024-20799	3

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