

RELAY, TIMER, & CONTACTOR SCHEDULE

	NAME OR FUNCTION	NO. OF RELAYS	MFR	SPECIFICATIONS	LOCATION
A	HOLDING RELAY FOR B CONTACTOR	1	WEMCO	TYPE "D" COIL 115 V. 60 CYCLE 230V. 5PH. 60 CYCLE MAG. COIL 250V. 60 CY 230V.	PANEL NO. 5 CONTACTOR RELAY CAB. SEPARATE BOX
B	ENIAC HEATERS CONTACTOR	1	DUNCO	IXBX 115 V. 60 CYCLE COIL	PANEL NO. 5
C	THERMOSTAT RELAY	1	TRUMBULL	SIZE NO. 2 AMP. 45.7 CM 25 CLASS 5-2 CAT. NO. 2345 300LE 230V. 60 CYCLE SIZE NO. 3 1/2 AMP. 45.7 CM 50 CAT. NO. 3245 300LE 230V. 60 CYCLE	SEPARATE BOX
D	FANS CONTACTOR	1	SANGAMO	NO. 21A 230V. 60 CYCLE 15PST. NO. CONTACT 230V. 3PH. 60 CYCLE MAG. COIL 230V. 60 270A PHC 7 PIX 34A	PANEL NO. 5 SEPARATE BOX
E	60 SECOND (TUB HEATING) TIMER	1	WEMCO	IXBX 230 V. 60 CYCLE COIL NO. 21A 230V. 60 CYCLE 15PST. NO. CONTACT	PANEL NO. 5
F	POWER SUPPLY CONTACTOR	1	DUNCO	NO. 21A 230V. 60 CYCLE 15PST. NO. CONTACT	SEPARATE BOX
G	INITIAL CLEAR RELAY	1	SANGAMO	TYPE "D" COIL 115 V. 60 CYCLE 230V. 5PH. 60 CYCLE MAG. COIL 250V. 60 CY 230V.	PANEL NO. 5
H	10 SECOND (INITIAL CLEAR) TIMER	1	WEMCO	IXBX 115 V. 60 CYCLE COIL SEE PX-3-113 FOR CONNECTIONS	CONDENSER CAB. PANEL NO. 5
J	AUXILIARY RELAY FOR INITIAL CLEAR	1	DUNCO	IXCX 15 V. 60 CYCLE COIL CYCLE PROGRESS TIMER NO. 2855 115 V. 60 CYCLE 15 MINUTE DIAL	"
K	POWER SUPPLY CUT-OFF RELAY (DC FAILURE)	1	DUNCO	IXBX 115 V. 60 CYCLE COIL TYPE W. ROTARY SWITCH WITH SPRING RETURN, OVAL MAGNETIC HANDLE, 1/2" ZAP, 3/4" CONTACTS 2NC 1 NO. 6 POLE	"
L	UNDER-VOLTAGE RELEASE PICK-UP RELAYS	14	WEMCO	IXBX 230 V. 60 CYCLE COIL 0.55 - 2.5 MA. 29XAX04Z 10 V. DC.	"
M	DC OFF RELAY	1	WEMCO	IXAX 230V. 60 CYCLE COIL	"
N	DELAY ENIAC-TRIP TIMER	1	WEMCO	IXBX FOR COIL DATA SEE PX-13-113	"
P	POWER SUPPLY FAILURE RELAY (5 HEATERS FUSE FAILURE)	1	WEMCO	TYPE SRN 240V. 60 CYCLE COIL, NO. CONTACT CURRENT COILS FOR 1/2" ZAP, 3/4" 240V. FAN MOTORS	"
Q	START RELAY	1	DUNCO	IXAX, 115 V., 60 CYCLE COIL	"
R	ENIAC HEATERS BRANCH CIRCUIT PHASE FAILURE RELAYS	3	DUNCO	IXCX, 115 V., 60 CYCLE COIL	"
S	START RELAY	1	DUNCO	IXBX, 115 V., 60 CYCLE COIL	"
T	DOOR SWITCH RELAY	1	DUNCO	IXAX, 115 V., 60 CYCLE COIL	"
U	DC FUSE RELAY	2	DUNCO	IXAX, 115 V., 60 CYCLE COIL	"
V	POWER SUPPLIES HEATERS FUSE RELAY	3	DUNCO	IXAX, 115 V., 60 CYCLE COIL	"
W	UNDER-VOLTAGE RELEASE	26	DUNCO	IXAX, 115 V., 60 CYCLE COIL	"
X	FANS PHASE FAILURE RELAY	1	WEMCO	IXAX, 115 V., 60 CYCLE COIL	"
Y	ENIAC HEATERS BRANCH CIRCUIT PHASE FAILURE RELAYS	3	DUNCO	IXCX, 115 V., 60 CYCLE COIL	"
Z	START RELAY	1	DUNCO	IXBX, 115 V., 60 CYCLE COIL	"
AA	DOOR SWITCH RELAY	1	DUNCO	IXAX, 115 V., 60 CYCLE COIL	"
BB	DOOR SWITCH SHUNTING AUX. RELAY	1	DUNCO	IXAX, 115 V., 60 CYCLE COIL	"
CC	DOOR SWITCH SHUNTING RELAY	1	DUNCO	IXBX, 115 V., 60 CYCLE COIL	"
DD	DC-OFF DELAY TIMER	1	WEMCO	CYCLE PROGRESS TIMER NO. 2855 115 V. 60 CYCLE 15 MINUTE DIAL	"
EE	DC-OFF DELAY ALARM TIMER	1	SANGAMO	NO. 21B 115 V. 60 CYCLE 15PST. N.C. CONTACT	"
FF	DAMPERS MOTORS RELAY	1	DUNCO	IXBX, 230 V., 60 CYCLE COIL	"

1 | 1 | Summary 25 Jan 47  
FF RELAY ADDED  
REVISIONS

MOORE SCHOOL OF ELECTRICAL ENGINEERING  
UNIVERSITY OF PENNSYLVANIA

RELAY, TIMER & CONTACTOR SCHEDULE  
for ENIAC POWER CONTROL

SCALE \_\_\_\_\_

DRAWN BY: E.H.C. | CHECKED BY: J.A.C. | APPROVED BY: J.A.C.  
10 OCT 46 | 5 FEB 47

PX-14-107