

ARMY SERVICE FORCES CATALOG

Superseded file
SIG 10-714

Superseded by Sig 10-BD-74

SIGNAL SUPPLY CATALOG

Fixed Plant Maintenance List

Fire Control Switchboard BD-74J

(Seacoast Defense)

TECHNICAL REFERENCE: WAR DEPT. CIR. 5-12

Manufacturer: WESTERN ELECTRIC CO.

Mfr's Model No. BD-74J

Headquarters, Army Service Forces — 15 July 1944



MFR'S PART NO. & MFR'S CODE NO. (REF SIG 10-2)	REFERENCE U.S. Army Spec. 71-681-B	SIG. C. STOCK NUMBER	NOMENCLATURE	UNIT OF MEASURE	QUANTITY PER UNIT	ALLOWANCES	
						1-3 EQUIP. (REF. SIG 10-2)	Regional or Field Stock
BD-74J	(W5)	4C9974J1	FIRE CONTROL SWITCHBOARD, battery feed and patching circuit, combination J.				
			<i>Fuse Alarm Circuit</i>				
			<i>Fuse Alarm Circuit</i>				
7F	(W5)	Ckt. #9 4Z1107F	BELL, DC 24 volt, 682 ohms.....	ea	1	0	0
4D	(W5)	Ckt. #9 4C2504D	CAP, lamp, red.....	ea	1	0	1
35A	(W5)	Ckt. #9 3Z2135A	FUSE, alarm type 1½ amp.....	ea	1	*	*
C2	(W5)	Ckt. #9 4C5492-C	LAMP, pilot, 36 V x .032-.044 amp.....	ea	1	0	.2
B10	(W5)	Ckt. #9 4C8719.10	RELAY, one winding 1.7 ohms.....	ea	1	0	0
34	(W5)	Ckt. #9 4C9783.4	SOCKET, lamp, single.....	ea	1	0	0
			<i>Heating Unit</i>				
EB	(W3)	2Z5016-1	WARD LEONARD, 60 watt, 250 ohms.....	ea	1	0	2
			<i>Line Circuit for Common Battery Telephones</i>				
			<i>Line Circuit for Common Battery Telephones</i>				
2AY	(W5)	Ckt. #1 4C2502AY	CAP, lamp, white.....	ea	32	0	3
2I	(W5)	Ckt. #1 4C2502H	CAP, lamp, red.....	ea	24	0	2
2L	(W5)	Ckt. #1 4C2502L	CAP, lamp, green.....	ea	24	0	2
Spec. 71-682	(W5)	Ckt. #1 3C111	COIL, C-111 repeating.....	ea	80	0	0
35A	(W5)	Ckt. #1 3Z2135A	FUSE, alarm type 1½ amp.....	ea	27	12	50
220A	(W5)	Ckt. #1 4C4820A	JACK, spring, single.....	ea	240	0	2
223A	(W5)	Ckt. #1 4C4823A	JACK, spring, single.....	ea	80	0	2
C2	(W5)	Ckt. #1 4C5492C	LAMP, switchboard, 36 V x .032-.044 amp.	ea	80	2	4

PROPERTY OF THE TECHNICAL LIBRARY
 DO NOT REMOVE FROM BUILDING 1

RESTRICTED

Copy 1

MFR'S PART NO. & MFR'S CODE NO. (REF SIG 10-2)	REFERENCE U.S. Army Spec. 71-681-B	SIG. C. STOCK NUMBER	NOMENCLATURE	UNIT OF MEAS- URE	QUAN- TITY PER UNIT	ALLOWANCES	
						1-3 EQUIP. (REF. SIG 10-2)	
						Station Stock	Regional or Field Stock
2100-S-III (K2)	Ckt. #1	4C9974/R1	RELAY, two windings, primary 16.4 ohms, secondary 22 ohms.....	ea	80	0	1
50A (W5)	Ckt. #1	4C9785.0A1	SOCKETS, lamp, single.....	ea	80	0	2
Night Alarm Circuit							
4C (W5)	Ckt. #11	4C1704C	BUZZER, W.E.Co. D42833, 1200 ohms	ea	1	0	0
35A (W5)	Ckt. #11	3Z2135A	FUSE, alarm type 1½ amp.....	ea	1	*	*
B10 (W5)	Ckt. #11	4C8719.10.1	RELAY, one winding, 1.7 ohms.....	ea	1	**	**
Operator Jack and Key Circuit							
223A (W5)	Ckt. #12	4C4823A	JACK, spring, single.....	ea	3	*	*
ES3041 (K2)	Ckt. #12	4C5003.041	KEY, push button type.....	ea	1	0	1
Ring Down Signal Circuit							
2AY (W5)	Ckt. #10	4C2502AY	CAP, lamp, white.....	ea	16	*	*
D164957 (W5)	Ckt. #10	3DB2.39A-1	CAPACITOR, paper, single, 2 mfd. min. 2.50 mfd., max. 200 volts, DC.....	ea	16	0	1
35A (W5)	Ckt. #10	3Z2135A	FUSE, alarm type 1½ amp.....	ea	4	*	*
223A (W5)	Ckt. #10	4C4823A	JACK, spring, single.....	ea	16	*	*
237 (W5)	Ckt. #10	4C4837A.1	JACK, spring, single.....	ea	16	0	1
C2 (W5)	Ckt. #10	4C5492C	LAMP, switchboard, 36 V x .032-.044 amp..	ea	16	*	*
J54 (W5)	Ckt. #10	4C8854	RELAY, two windings, primary, DC, 240 ohms, secondary, AC, 3120 ohms.....	ea	16	0	1
50A (W5)	Ckt. #10	4C9785.0A.1	SOCKET, lamp, single.....	ea	16	*	*
Single Line, Jack Circuit							
220A (W5)	Ckt. #4	4C4820A	JACK, spring, single.....	ea	76	*	*
Miscellaneous Equipment							
P2A (W5)		3E66.3	Cord, black, 18 in., 2 conductor, tele- phone jack panel patching, cotton braid covering, moisture proofed. Cord ends and terminals to be arranged for PL-47 plug but plugs not to be included.....	ea	10	0	2
P2A (W5)		3E66.4	Cord, same as 3E66.3, except green.....	ea	10	0	2
P2A (W5)		3E66.5	Cord, same as 3E66.3, except red.....	ea	10	0	2
P2A (W5)		3E67.3	Cord, same as 3E66.3, except that cord is 3 ft. long.....	ea	10	0	2
P2A (W5)		3E67.4	Cord, same as 3E67.3 except green.....	ea	10	0	2
P2A (W5)		3E67.5	Cord, same as 3E67.3 except red.....	ea	10	0	2
P2A (W5)		3E68.3	Cord, same as 3E66.3 except that cord is 6 ft. long.....	ea	5	0	1
P2A (W5)		3E68.4	Cord, same as 3E68.3, except green.....	ea	5	0	1
P2A (W5)		3E68.5	Cord, same as 3E68.3 except red.....	ea	5	0	1
P2A (W5)		3E69.3	Cord, same as 3E66.3 except that cord is 8 ft. long.....	ea	5	0	1
Note: Switchboards are equipped with 10 18-in. cords, 10 3-ft. cords and 5 6-ft. cords. When ordering replacements, color of cords is optional.							
47B (W5)		2Z7147	PLUG, PL-47, 2 conductor.....	ea	50	0	2

* Stocked under line circuit
** Stocked under fuse alarm circuit

Expendability of individual items will be in accordance with Supply Bulletins 11-1, 22 January 1944, and 11-2, 10 March 1944, except that spare parts not shown in SB 11-1 and SB 11-2 will be considered expendable.

HEADQUARTERS, ARMY SERVICE FORCES

WASHINGTON 25, D. C., 15 July 1944

Army Service Forces Signal Supply Catalog, SIG 10-714, Fixed Plant Maintenance List for FIRE CONTROL SWITCHBOARD BD-74J (SEACOAST DEFENSE) has been prepared under the supervision of the Chief Signal Officer and is published for the information and guidance of all concerned.

[SPX 400.152 (10 Nov. 43)]

By Command of Lieutenant General SOMERVELL:

W. D. STYER,
Major General, General Staff Corps,
Chief of Staff.

OFFICIAL:

J. A. ULIO,
Major General,
Adjutant General.

DISTRIBUTION: X