

Superseded by sig 10-BD-74 Sep. 47

SIGNAL SUPPLY CATALOG

Fixed Plant Maintenance List

Fire Control Switchboard BD-74J

(Seacoast Defense)

TECHNICAL REFERENCE: WAR DEPT. CIR. 5-12

Manufacturer: KELLOGG SWITCHBOARD AND SUPPLY 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 MEAS- URE	QUAN- TITY PER UNIT	ALLOWANCES	
						1-3 EQUIP. (REF. SIG 10-2)	
						Station Stock	Regional or Field Stock
BD-74J	(K2)	4C9974J1	FIRE CONTROL SWITCHBOARD, battery feed and patching circuit, combination J.				
			<i>Fuse Alarm Circuit</i>				
			<i>Ckt. #9</i>				
7F	(W5)	4Z1107F	BELL, 24 volt, DC 6S2 ohms.....	ea	1	0	0
9A	(K2)	4C2009A	CAP, lamp, red.....	ea	1	*	*
35A	(W5)	3Z2135A	FUSE, alarm type, 1 1/3 amp.....	ea	1	*	*
C2	(W5)	4C9995/L1	LAMP, pilot, 36 V x .032-.044 amp.....	ea	1	0	2
2102-S-HG	(K2)	4C9974/R2	RELAY, single, 3.5 ohms.....	ea	1	0	0
39	(K2)	4C9733.9	SOCKET, lamp single.....	ea	1	*	*
			<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>Ckt. #1</i>				
154A	(K2)	4C2154-A	CAP, lamp, red.....	ea	24	0	2
154	(K2)	4C2154	CAP, lamp, white.....	ea	32	0	3
154W	(K2)	4C2154-W	CAP, lamp, green.....	ea	24	0	2
Spec. 71-682	(K2)	3C111	COIL, C-111 repeating.....	ea	80	0	0
35A	(W5)	3Z2135A	FUSE, alarm type 1 1/3 amp.....	ea	27	12	50
363	(K2)	4C9995.2/J2	JACK, spring, single.....	ea	240	0	2
362	(K2)	4C4436.2	JACK, spring, single.....	ea	80	0	2

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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	
C2 2100-S-IH	(W5) (K2)	Ckt. #1 Ckt. #1	4C5492-C 4C9974/R1	LAMP, switchboard, 36 V x .032-.044 amp. RELAY, two windings, primary 16.4 ohms, secondary 22 ohms	ea ea	80 80	2 0	4 1
39	(K2)	Ckt. #1	4C9733.9	SOCKET, lamp	ea	80	0	2
Night Alarm Circuit								
4C 35A 2102-S-HG	(W5) (W5) (K2)	Ckt. #11 Ckt. #11 Ckt. #11	4C1704C 3Z2135A 4C9974/R2	BUZZER, W.E.Co. D42833, 1200 ohms FUSE, alarm type, 1½ amp RELAY, single, 3.5 ohms	ea ea ea	1 1 1	0 * **	0 * **
Operator Jack and Key Circuit								
362 ES3041	(K2) (K2)	Ckt. #12 Ckt. #12	4C4436.2 4C5003.041	JACK, spring, single KEY, push button type	ea ea	3 1	* 0	* 1
Ring Down Signal Circuit								
154 D164957	(K2) (W5)	Ckt. #10 Ckt. #10	4C2154 3DB2.39A-1	CAP, lamp, white CAPACITOR, paper, single 2 mfd. min., 2.50 mfd. max., 200 V.DC.W	ea ea	16 16	* 0	* 1
35A 362 366 C2 J54	(W5) (K2) (K2) (W5) (W5)	Ckt. #10 Ckt. #10 Ckt. #10 Ckt. #10 Ckt. #10	3Z2135A 4C4436.2 4C4436.6 4C5492C 4C8854	FUSE, alarm type, 1½ amp JACK, spring, single JACK, spring, single LAMP, switchboard, 36 V x .032-.044 amp. RELAY, two windings, primary, DC, 240 ohms, secondary, AC, 3120 ohms	ea ea ea ea ea	4 16 16 16 16	* * * * *	* * * * *
39	(K2)	Ckt. #10	4C9733.9	SOCKET, lamp, single	ea	16	0	1
Single Line, Jack Circuit								
363	(K2)	Ckt. #4 Ckt. #4	4C9995.2/J2	JACK, spring, single	ea	76	*	*
Miscellaneous Equipment								
P2A	(W5)		3E66.3	CORD, black, 18 in. 2 conductor, telephone jack panel patching, cotton braid cover- ing, moisture proofed. PL-47 plugs 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	10	0	2
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.								

* 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 10-713, 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.

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