

EQUIPMENT TEST LIST

CIRCUIT BREAKERS AND CONTACTORS

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1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.

1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

9.0 CKT BRKR & CONTR

9.1 CKT BRKR & CONTR; CIRCUIT BREAKERS

SELECT ONLY ONE CATEGORY

UX, J, EL, W & LL-TYPE ITE CIRCUIT BREAKERS

026-306-701 (2/0)	2.01	CHECK OPRG TEMPERATURE	MW 12M	-----
	2.02	CHECK OPRG SEQUENCE	MW 12M	-----
	2.03	CHECK TRIGGER OPRN	MW 12M	-----
	2.04	CHECK CONTACT VOLTAGE DROP	MW 12M	-----
	2.05	CHECK OVERLOAD FEATURE OPRN	MW 12M	-----
	2.06	CHECK REVERSE CURRENT FEATURE OPRN	MW 12M	-----
	2.07	CHECK BELL RINGING ATTACHMENT OPRN	MW 12M	-----
	2.08	CHECK SOLENOID OPERATION	MW 12M	-----
	2.09	CHECK AUTOMATIC SOLENOID SWITCH OPRN	MW 12M	-----

KS-15636 CIRCUIT BREAKER

026-310-701 (3/1)	2.01	LUBRICATE BEARING POINTS & LATCH SURFACES	MW 12M	-----
	2.02	CHECK CKT BRKR MOUNTING	MW 12M	-----
	2.04	CLEAN CONTACT SURFACES	MW 12M	-----
	2.05	CHECK CONTACT PRESSURE	MW 12M	-----
	2.06	CHECK CONTACT FOLLOW	MW 12M	-----
	2.07	CHECK ARC QUENCHERS	MW 12M	-----
	2.09	CHECK SOLDERLESS CONNECTORS	MW 12M	-----
	2.11	CHECK CLOSING SOLENOID & CONTROL OPRN	MW 12M	-----
	2.12	CHECK SHUNT TRIP DEVICE	MW 12M	-----
	2.14	CHECK SERIES OVERCURRENT TRIPPING DEVICES OPRN	MW 12M	-----

KS-15910 CIRCUIT BREAKER

026-315-701 (1/1)	2.01	CHECK OPERATION OF BREAKERS	MW 12M	-----
	2.02	LUBRICATE BEARING POINTS & SLIDING SURFACES	MW 12M	-----
	2.03	CHECK CKT BRKR MOUNTING & TERMINALS	MW 12M	-----
	2.04	CHECK MECHANICAL INTERLOCK OPRN	MW 12M	-----
	2.05	CHECK ARC QUENCHERS	MW 12M	-----
	2.06	CHECK MAIN CONTACTS	MW 12M	-----
	2.07	CHECK CONTACT SURFACES	MW 12M	-----
	2.08	CHECK CONTACT FOLLOW	MW 12M	-----
	2.09	CHECK CONTACT PRESSURE	MW 12M	-----
	2.11	CHECK OPRN OF SERIES OVERCURRENT TRIP DEVICES	MW 12M	-----
	2.12	CHECK CLOSING SOLENOID AND CONTROL OPRN	MW 12M	-----
	2.13	CHECK SHUNT TRIPPING DEVICE OPRN	MW 12M	-----

REVERSE CURRENT BRKR A.E. INC. D-7064, D-7065, D-7066 & D-7099

026-320-701 (3/0)	2.01	CHECK OPERATING TEST	MW 12M	-----
	2.02	CHECK NONOPERATING TEST	MW 12M	-----

026-320-701 (3/0)	2.03	CHECK REVERSE CURRENT TEST	MW 12M	-----
	2.04	CHECK CKT BRKR MOUNTING	MW 12M	-----
	2.06	CHECK CONTACT SURFACES	MW 12M	-----
	2.07	CHECK PLUNGER STROKE	MW 12M	-----
	2.08	CHECK BRUSHES	MW 12M	-----
	2.09	CHECK LOCKNUTS	MW 12M	-----
KS-21413 PROTECTOR				
026-316-701 (1/0)	3.02	CHECK MECHANICAL OPERATION	MW 12M	-----
SMALL CKT BREAKERS				
026-307-701 (10/0)	2.01	CHECK SWITCH MOUNTING	MW 12M	-----
	2.02	CHECK MECHANICAL OPRN	MW 12M	-----
TROUBLE TESTS				
KS-15636 CKT BRKR				
026-310-701 (3/1)	2.08	LATCH ADJUSTMENT	TT	-----
	2.10	CLOSING SWITCH	TT	-----
	2.13	MECHANICAL INTERLOCK	TT	-----
	2.15	TEMPERATURE	TT	-----
KS-15910 CKT BRKR				
026-315-701 (1/1)	2.10	LATCH ENLARGEMENT	TT	-----
	2.14	TEMPERATURE	TT	-----
D-7064, D-7065, D-7066 & D-7099				
026-320-701 (3/0)	2.05	PLUNGER & PLUNGER PIN BINDING	TT	-----
KS-21413 PROTECTOR				
026-316-701 (1/0)	4.02	ELECTRICAL OPERATION	TT	-----
SMALL CIRCUIT BREAKERS				
026-307-701 (10/0)	2.03	ELECTRICAL REQTS	TT	-----
9.2 CKT BRKR & CONTR; G.E. CO				
FOR ALL UNITS				
026-347-701 (1/1)	2.01	CHECK MOUNTING	MW 12M	-----
	2.02	CLEAN CONTACTS & REMOVE CONTACT BUILDUPS	MW 12M	-----
	2.03	CHECK CONTACT ALIGNMENT	MW 12M	-----
	2.04	CHECK CONTACT SEQUENCE	MW 12M	-----
	2.05	CHECK CONTACT SEPARATION	MW 12M	-----
	2.06	CHECK CONTACT PRESSURE	MW 12M	-----
	2.07	CHECK FREEDOM OF OPERATION	MW 12M	-----
	2.08	CHECK ELECTRICAL REQUIREMENTS	MW 12M	-----
OPTIONAL FEATURES				
CONTACTORS IN KS-5030, KS-5290, KS-5429, KS-5422, & CR2800				
026-347-701 (1/1)	2.10	(C - G) CHECK CONTACT PRESSURE	MW 12M	-----
CONTACTORS IN KS-5150 FIELD CONTROL PANEL				
026-347-701 (1/1)	2.11	CHECK CONTACT PRESSURE	MW 12M	-----

SECTION 026-001-015

KS-5152,KS-5791,KS-15537 MANUAL STARTERS

026-347-701 (1/1) 2.12 CHECK GENERAL REQUIREMENTS MW 12M -----

KS-5153, KS-5236, KS-5345-01, KS-5432, & KS-5414

026-347-701 (1/1) 2.13 CHECK MAIN CONTACTOR, OVERLOAD RELAY & CONTROL RELAY REQUIREMENTS MW 12M -----

KS-5486 & KS-15540 AUTOMATIC STARTERS

026-347-701 (1/1) 2.14 CHECK GENERAL REQUIREMENTS MW 12M -----

CIRCUIT BREAKERS IN KS-5550 & KS-5550-01 CIRCUITS

026-347-701 (1/1) 2.16 (A&C) CHECK TRIP TEST MW 12M -----

2.16 CLEAN & REFILL DASHPOT MW 36M -----

CR2810 TYPE CONTACTORS

026-347-701 (1/1) 2.17 CHECK CONTACT PRESSURE MW 12M -----

CR2820-1051 TIME DELAY RELAYS

026-347-701 (1/1) 2.20 CHECK TIME-DELAY RELAY OPRN & ADJMT MW 12M -----

TROUBLE TESTS

026-347-701 (1/1) 2.09 TEMPERATURE TT -----

2.10 CEMF CONTACTOR OPRN TT -----

2.10 CONTACTORS FIELD CONTACTS & ARMATURE CONTACTS OPRN TT -----

2.14 OVERLOAD RELAYS OPRN TT -----

2.15 KS-5487 STARTER TT -----

2.18 HG101 CONTROL RELAYS CONTACTS TT -----

2.19 CR2824-TC221C & CR2824-TC121C ADJ OVERLOAD RELAYS OPRN TT -----

2.21 CR2820-1099 TIME-DELAY RELAY TT -----

9.3 CKT BRKR & CONTR; NON G.E. CO TYPE

SELECT ONLY ONE CATEGORY

CONTACTORS KS-5323, KS-5321-01, KS-5694 & KS-15572

026-350-701 (6/0) 2.02 CLEAN & LUBRICATE CONTACT SURFACES MW 6M -----

2.03 CHECK CONTACT PRESSURE MW 12M -----

2.04 CHECK CONTACT LENGTH MW 12M -----

2.05 CHECK ARMATURE GAP MW 12M -----

2.06 CHECK TEMPERATURE MW 6M -----

2.07 CHECK ELECTRICAL REQUIREMENTS MW 12M -----

CONTACTOR KS-5626 SQUARE D CO.

026-352-701 (2/0) 2.02 CLEAN & CHECK CONTACT SURFACES MW 12M -----

2.03 CHECK CONTACT PRESSURE MW 12M -----

2.04 (A) CONTACT SEQUENCE MW 12M -----

2.05 CHECK ELECTRICAL REQUIREMENTS MW 12M -----

CONTACTOR KS-5642 WESTINGHOUSE

026-354-701 (2/0) 2.02 CHECK CONTACT SURFACES MW 12M -----

2.03 CHECK CONTACT PRESSURE & GAP MW 12M -----

026-354-701 (2/0)	2.04 (A) ELECTRICAL REQUIREMENTS	MW 12M	-----
DC CONTACTOR PLUNGER TYPE KS-5722			
026-355-701 (2/0)	2.01 CHECK MOUNTING	MW 12M	-----
	2.02 CHECK CONTACT SURFACES	MW 12M	-----
	2.03 CHECK CONTACT PRESSURE	MW 12M	-----
	2.05 CHECK ELECTRICAL REQUIREMENTS	MW 12M	-----
CONTACTORS KS-15514 & KS-15934			
026-360-701 (4/0)	2.01 CHECK MOUNTING	MW 12M	-----
	2.02 CLEAN CONTACTS & REMOVE CONTACT BUILDUP	MW 12M	-----
	2.03 CHECK CONTACT ALIGNMENT	MW 12M	-----
	2.04 CHECK CONTACT SEQUENCE	MW 12M	-----
	2.05 CHECK PLUNGER & AUXILIARY CONTACT SETTING	MW 12M	-----
	2.06 CHECK CONTACT PRESSURE & FOLLOW	MW 12M	-----
	2.07 CHECK FREEDOM OF OPERATION	MW 12M	-----
	2.08 CHECK CONTACTOR ELECTRICAL REQUIREMENTS	MW 12M	-----
CONTACTORS KS-5757,KS-15072,KS-15674,KS-19598 & CONTACTORS W/O KS NO.			
026-365-701 (5/0)	2.01 CHECK MOUNTING	MW 12M	-----
	2.02 CLEAN CONTACTS & REMOVE CONTACT BUILDUP	MW 12M	-----
	2.03 CHECK CONTACT ALIGNMENT	MW 12M	-----
	2.04 CHECK CONTACT SEQUENCE	MW 12M	-----
	2.05 CHECK CONTACT PRESSURE & FOLLOW	MW 12M	-----
	2.06 CHECK FREEDOM OF OPERATION	MW 12M	-----
	2.07 CHECK CONTACTOR ELECTRICAL REQUIREMENTS	MW 12M	-----
TROUBLE TESTS			
KS-5323, KS-5323-01, KS-5694 & KS-15572			
026-350-701 (6/0)	2.01 MOUNTING	TT	-----
KS-5626			
026-352-701 (2/0)	2.01 MOUNTING	TT	-----
	2.06 TEMPERATURE	TT	-----
KS-5642			
026-354-701 (2/0)	2.01 MOUNTING	TT	-----
	2.05 TEMPERATURE	TT	-----
KS-5722			
026-355-701 (2/0)	2.06 TEMPERATURE	TT	-----
KS-1514 & KS-15934			
026-360-701 (4/0)	2.09 TEMPERATURE	TT	-----
KS-5757, KS-15072, KS-15674, KS-19598, BULTN 202, BULTN 702, 2045M & 2085M			
026-365-701 (5/0)	2.08 TEMPERATURE	TT	-----