

INSPECTION REQUIREMENTS

RELAYS

AF, AG, AND AJ TYPE(S)

GENERAL EQUIPMENT REQUIREMENTS

COMMON SYSTEMS

Lot Range	A	B	C	D	E	F	G	H	I	J
Lot Size (Total Number of Relays in Lot) (See Note 1)	1 200	201 300	301 600	601 900	901 1200	1201 1500	1501 2000	2001 3000	3001 5000	5001 7000
Sample Size (Relays)	All	180	260	300	340	370	400	440	500	560
Inspection Item (For requirements refer to BSP Section A461.014 and Sections of Division 800.)	Basis For Counting Defects	Allowable Defect Numbers								
		AN	AN	AN	AN	AN	AN	AN	AN	AN
1. Functional, Numerical and Group Designations (On Relays)	Relay	Record all defects found. See Note 2								
2. Relay Mounting	"	2	3	3	4	4	4	5	6	7
3. Vertical Clearance	"	2	3	3	4	4	4	5	6	7
4. Contact Cover Tightness	"	2	3	3	4	4	4	5	6	7
5. Crosstalk Shield Tightness	"	2	3	3	4	4	4	5	6	7
6. Armature Position	"	2	3	3	4	4	4	5	6	7
7. Balancing Spring Tension	"	2	3	3	4	4	4	5	6	7
8. Armature Back Tension	"	2	3	3	4	4	4	5	6	7
9. Movable Twin Spring Position	"	2	3	3	4	4	4	5	6	7
10. Contact Make and Break (a) Normal and Operated	"	2	3	3	4	4	4	5	6	7
11. (b) Shall Not Make or Break	"	2	3	3	4	4	4	5	6	7
12. (c) Shall Make or Break	"	2	3	3	4	4	4	5	6	7
13. Contact Sequence	"	2	3	3	4	4	4	5	6	7
14. Buffer Spring Position	"	2	3	3	4	4	4	5	6	7
15. Buffer Spring Tension	"	2	3	3	4	4	4	5	6	7
16. Electrical Requirements	"	3	5	5	6	7	8	9	10	11
17. Pulse Repeating Requirements	"	See Note 3								
18. Relay Insulated From Mounting Plate	"	2	3	3	4	4	4	5	6	7

AN = Allowable Number of defects in Sample

Note 1: Verification of these types of relays is not required except when testing results or other evidence indicates an unsatisfactory condition of adjustment.

Note 2: For each type of defect recorded sufficient additional inspection shall be made to insure the elimination of the irregularity in the equipment involved.

Note 3: Where pulse repeating requirements are applied a complete check shall be made in all cases either as a part of the verification or of the Performance Testing procedures.

For detailed explanation and use of tables refer to Section 800-668-180.

Bell Telephone Laboratories, Inc.