INSPECTION REQUIREMENTS

RELAYS

AK TYPE(S)

GENERAL EQUIPMENT REQUIREMENTS

COMMON SYSTEMS

TABLE 800-668-192

Lot Range		Α	В	С	D	E	F	G	Н	I	J	K			
Lot Size (Number of Relays)			201 3 00	301 600	601 900			1501 2000	2001 3000	3001 5000	5001 7000	7001 10,000			
Sample Size (Relays)		All	180	260	300	340	370	400	440	500	560	700			
Inspection Item (See Note 2.) (For requirements, refer to Section A461.016 and Sections of Division 800.)	Basis for Count- ing De-	Allowable Defect Numbers													
or profit doc.	fects	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN			
1. Functional, Numerical, and Group Designations on Relays	Relay	y Record all defects found. See Note 3.													
2. Relay Mounting	t'	-	1	1	2	2	4	4	5	6	7	7			
3. Vertical Clearance	††	-	1	1	2	2	4	4	5	6	7	7			
4. Contact Cover Tightness	ti	-	1	1	2	2	4	4	5	6	7	7			
5. Armature Back Tension	11	-	1	1	2	2	4	4	5	6	7	7			
6. Movable Twin Contact Spring Position	11	-	1	1	2	2	4	4	5	6	7	7			
7. Balancing Spring Tension	ff	-	1	1	2	2	4	4	5	6	7	7			
8. Contact Sequence	g f	-	1	1	2	2	4	4	5	6	7	7			
9. Contact Make and Break															
(a) Normal and operated position	**	-	1	1	2	2	4	4	5	6	7	7			
(b) Gauged shall make or break	*11	-	1	1	2	2	4	4	5	6	7	7			
(c) Gauged shall not make or break	11	-	1	1	2	2	4	4	5	6	7	7			
10. Electrical Requirements	11	-	2	3	4	5	6	7	9	10	11	12			

AN = Allowable Number of Defects in Sample.

SPOTTINESS TABLE

Size of Sub- sample	_	26 70		126 175	176 200	201 250	251 300	301 350	351 400	401 450	451 500	501 550	551 600	601 650	651 700			801 850		901 950	951 1000
SN	2	3	4	6	7	8	10	11	12	13	14	16	17	19	20	22	23	24	25	26	28

SN = Spottiness Number (Applying to Subsample).

Note 1: Verification of this type of relay is not required except when testing results or other evidence indicates an unsatisfactory condition of adjustment.

Note 2: The selection and distribution of the sample shall be on the basis of the relay. In the inspection of the relays for Lot Ranges B to K, inclusive, however, only one half the relay shall be checked and the selection shall be such that an

approximately equal number of top and bottom halves of the relay are included in the sample.

Note 3: For each type of defect recorded, sufficient additional inspection shall be made to insure the elimination of the irregularity in the equipment involved.

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