

INSPECTION REQUIREMENTS
RELAYS
AK TYPE(S)
GENERAL EQUIPMENT REQUIREMENTS
COMMON SYSTEMS

TABLE 800-668-192

Lot Range		A	B	C	D	E	F	G	H	I	J	K
Lot Size {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	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- fects	Allowable Defect Numbers										
		AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
1. Functional, Numerical, and Group Designations on Relays	Relay	Record all defects found. See Note 3.										
2. Relay Mounting	"	-	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	"	-	1	1	2	2	4	4	5	6	7	7
5. Armature Back Tension	"	-	1	1	2	2	4	4	5	6	7	7
6. Movable Twin Contact Spring Position	"	-	1	1	2	2	4	4	5	6	7	7
7. Balancing Spring Tension	"	-	1	1	2	2	4	4	5	6	7	7
8. Contact Sequence	"	-	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	"	-	1	1	2	2	4	4	5	6	7	7
(c) Gauged shall not make or break	"	-	1	1	2	2	4	4	5	6	7	7
10. Electrical Requirements	"	-	2	3	4	5	6	7	9	10	11	12

AN = Allowable Number of Defects in Sample.

SPOTTINESS TABLE

Size of Sub- sample	3	26	71	126	176	201	251	301	351	401	451	501	551	601	651	701	751	801	851	901	951
	25	70	125	175	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	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.