

INSPECTION REQUIREMENTS

RELAYS

208 AND 214 TYPE(S)

(COUNTING RELAYS)

GENERAL EQUIPMENT REQUIREMENTS

COMMON SYSTEMS

TABLE 800-668-188

Lot Range		A	B	C	D	E	F	G	H	I	J
Lot Size (number of relays in lot)		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 (see note 1) (For requirements, refer to Section 040-230-701.)	Basis For Counting Defects	Allowable Defect Number									
		AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
1. Mounting: Secure	Relay	0	2	3	3	4	4	4	5	6	7
2. Contact Alignment	"	0	2	3	3	4	4	4	5	6	7
3. Armature Movement	"	0	3	5	5	6	7	8	9	10	11
4. Unoperated Armature Air Gap	SI	0	2	3	3	4	4	4	5	6	7
5. Contact Separation	SI	0	2	3	3	4	4	4	5	6	7
6. Operated Armature Air Gap	SI	0	2	3	3	4	4	4	5	6	7
7. Electrical Requirements	SI	0	2	3	3	4	4	4	5	6	7
8. Frame Retractable Spring Lug	"	0	3	5	5	6	7	8	9	10	11
9. Relay Insulated from Mounting Plate	"	0	2	3	3	4	4	4	5	6	7

AN = Allowable Number of defects in sample.

SPOTTINESS TABLE

Size of Subsample	3	26	71	126	176	201	251	301	351	401	451
SN	2	3	4	6	7	8	10	11	12	13	14

SN = Spottiness Number (applying to subsample).

*Note 1:* Except for relays mounted and wired during installation, inspection for this type of relay may be limited to the items designated by SI (Selected Item). Extension of inspection to the remaining items for lots in lot range A shall be made when more than one defect is found in at least two selected items. Extension of inspection to the remaining items in ranges B through J shall be made when the AN is exceeded in at least two selected items.

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

**REASONS FOR REISSUE**

To apply the Selected Item procedure (PEL5193) to these relays and to designate the selected items for installer inspection.