

MAY 29, 1981

NO. 222 TYPE RELAYS

(Card No. 3)

SEE RATINGS
BELOW

For illustration and general information, see Card No. 1. For spring combinations and winding arrangements, see Card No. 2.

| Code No. | (e) No. 2 Metal Contacts at | Spring Comb. Fig. | Winding Arrangement Fig. | Windings | Rated Resistance (Ohms) | (z) Soak Current (Ampere) | (z) Operate (Ampere) | (z) Non-Operate (Ampere) | Horizontal Mounting Centers (Inches) | Rating |
|-------------|-----------------------------|-------------------|--------------------------|----------|-------------------------|---------------------------|----------------------|--------------------------|--------------------------------------|--|
| (a)222A | (1,2,3) | 1 | A | Single | (r) 800 | — | (u) | 0.0073 | 1-3/4 | A.T.&T.Co.Std.(ML) |
| (ab)222B | — | 2 | A | Single | 1300 | — | 0.0245 | (j)(1)0.022 | 2-3/8 | " " " |
| (a)222C | — | 3 | A | Single | 1300 | — | 0.0096 | 0.0087 | 2 | Mfr. Disc. |
| (a)222D | — | 4 | A | Single | (r) 4.37 | — | (k) | 0.095 | 1-3/4 | { A.&M. Only (ML); No. 222CK recom. |
| (b)222E | — | 5 | B | Primary | (r) 200 | (1)0.075 | (1)0.025 | (1)0.0235 | 2-3/8 | Mfr. Disc. |
| | | | Secondary | 1300 | — | 0.027 | 0.0255 | | | |
| (b)(aa)222F | — | 5 | B | Primary | (r) 200 | — | 0.0276 | (w) | 2-3/8 | " " |
| | | | Secondary | 1300 | — | 0.0295 | 0.0275 | | | |
| (b)222G | — | 5 | B | Primary | (r) 200 | — | (1)0.043 | (1)0.040 | 2-3/8 | " " |
| | | | Secondary | 1300 | — | 0.0295 | 0.0275 | | | |
| (b)222H | — | 6 | B | Primary | (r) 200 | — | (1)0.0205 | (1)0.019 | 2-3/8 | A.T.&T.Co.Std. |
| | | | Secondary | 1300 | — | 0.027 | 0.021 | | | |
| (b)222J | — | 7 | B | Primary | (r) 200 | (1)0.075 | (1)0.0225 | (1)0.021 | 2-1/4 | " " |
| | | | Secondary | 1300 | — | 0.027 | 0.021 | | | |
| (b)222K | — | 7 | B | Primary | (r) 200 | — | (w) | (w) | 2-1/4 | Mfr. Disc. |
| | | | Secondary | 1300 | — | 0.0295 | 0.0275 | | | |

- (a) Slow acting relay having copper slug on rear end.
 (b) Slow acting relay having copper slug on front end and copper sleeve over core.
 (e) Numbers in this column refer to contacts on spring combinations.
 (j) No contacts will break on 0.0127 ampere dc.
 (k) Release on open circuit in min. 0.125, max. 0.175 sec. after operation on 0.500 ampere dc for a min. time of 0.200 sec.

- (r) Plus or minus 10%.
 (u) Releases on open circuit in min. 0.300, max. 0.500 sec. after operation on 0.050 ampere dc for a min. time of 0.200 sec.
 (w) On 77 ± 3 volts ac at $19\text{-}1/6 \pm 1\%$ cycles superimposed on 44 ± 1 volt dc with $970 \pm 1\%$ or $1120 \pm 1\%$ ohms non-inductive resistance in series with the primary, contacts at (1) operate or non-operate, respectively.
 (z) Numbers in parentheses in this column refer to contacts on spring comb. which will function on the value given.
 (aa) Replaces No. 222G.
 (ab) Replaces No. 222CC & CJ.