

MARCH 30, 1984

# NO. 221 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)	Operate (Ampere)	Non-Operate (Ampere)	Horizontal Mounting Centers (Inches)	Rating
(al)221A	—	1	A	{ Front Rear	{ (ah)200 (ah)200}	(* )0.0148	(* )0.0144	1-3/4	A.T.&T.Co.Std.
(a)221B	—	2	B	Single	(r) 4.37	(k)	0.095	1-3/4	A.&M.Only;No.221CD rec(ML
(a)221D	—	4	B	Single	(r) 4.37	(k)	0.095	1-3/4	" " No.221CK rec." "
(a)221E	—	1	B	Single	(r) 4.37	(k)	0.090	1-3/4	" " No.221CL rec. "
(a)221G	—	5	B	Single	(r) 4.37	0.100	0.090	2	{ A. & M. Only (ML); No. 221CJ recom.
(a)221J	—	7	B	Single	(r) 4.37	0.115	0.095	1-3/4	A.&M.Only;No.221CG rec(ML
(a)221K	—	8	B	Single	(r) 4.37	(k)	0.095	1-3/4	Mfr.Disc.
(a)221L	—	9	B	Single	(r) 4.37	0.115	0.095	1-3/4	" "
(al)221P	(3)	4	A	{ Front Rear	{ (ah)200 (ah)200}	(* )0.0148	(* )0.0144	1-7/8	A.T.&T.Co.Std.
(al)221R	—	4	A	{ Front Rear	{ (ah)200 (ah)200}	(* )0.0148	(* )0.0144	1-7/8	A.T.&T.Co.Std. (ML)

- (\*) Through both windings in series aiding.
- (a) Slow acting relay having copper slug on rear end.
- (e) Figures in this column refer to numbers on spring combinations.
- (k) Release on open circuit in minimum 0.125, maximum 0.175 second after operation on 0.500 ampere dc for a minimum time of 0.200 second.

- (r) Plus or minus 10%.
- (ah) Plus 5%, minus 15%.
- (al) The contact spring nearest the armature lever arm is equipped with a heavy contact of silver which mates with a heavy contact of No. 2 metal on the adjacent contact spring. Negative polarity must be connected to the spring with the silver contact.