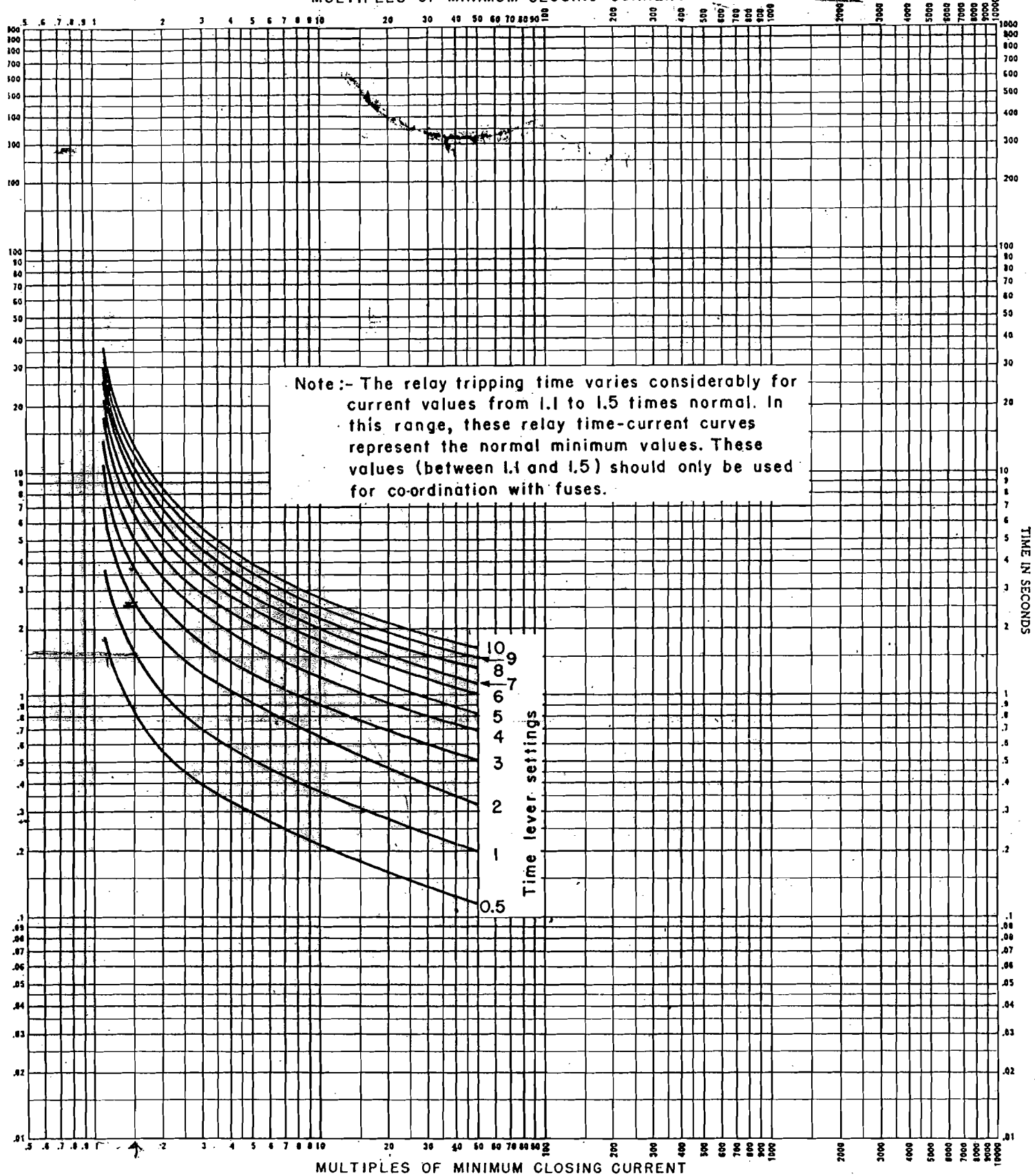


CALIBRATION TEST POINTS FOR IAC RELAYS
MODEL NUMBERS 12IAC11,12,19, OR 25
INVERSE

TIME LEVER SETTING	TIME IN SECONDS FOR EACH MULTIPLE OF TAP SETTING		
	2 X TAP	4 X TAP	6 X TAP
1/2	0.55	0.33	0.27
1	0.9	0.58	0.46
2	1.7	1.1	0.83
3	2.5	1.4	1.1
4	3.4	1.9	1.5
5	4.2	2.4	1.8
6	5.0	2.8	2.2
7	5.9	3.2	2.5
8	6.7	3.6	2.8
9	7.5	4.1	3.2
10	8.4	4.6	3.5

* INTERPOLATED FROM CURVE GET-1802 (General Electric) *

MULTIPLES OF MINIMUM CLOSING CURRENT



TIME-CURRENT CHARACTERISTIC CURVES

For Induction Overcurrent Relay Type IAC-Inverse
Model Numbers 12IAC11, 12, 19, or 25

CURVE 9

Additional copies of this curve may be obtained from the nearest G-E sales office or from General Electric, Schenectady, N. Y.

Ask for GET-1802

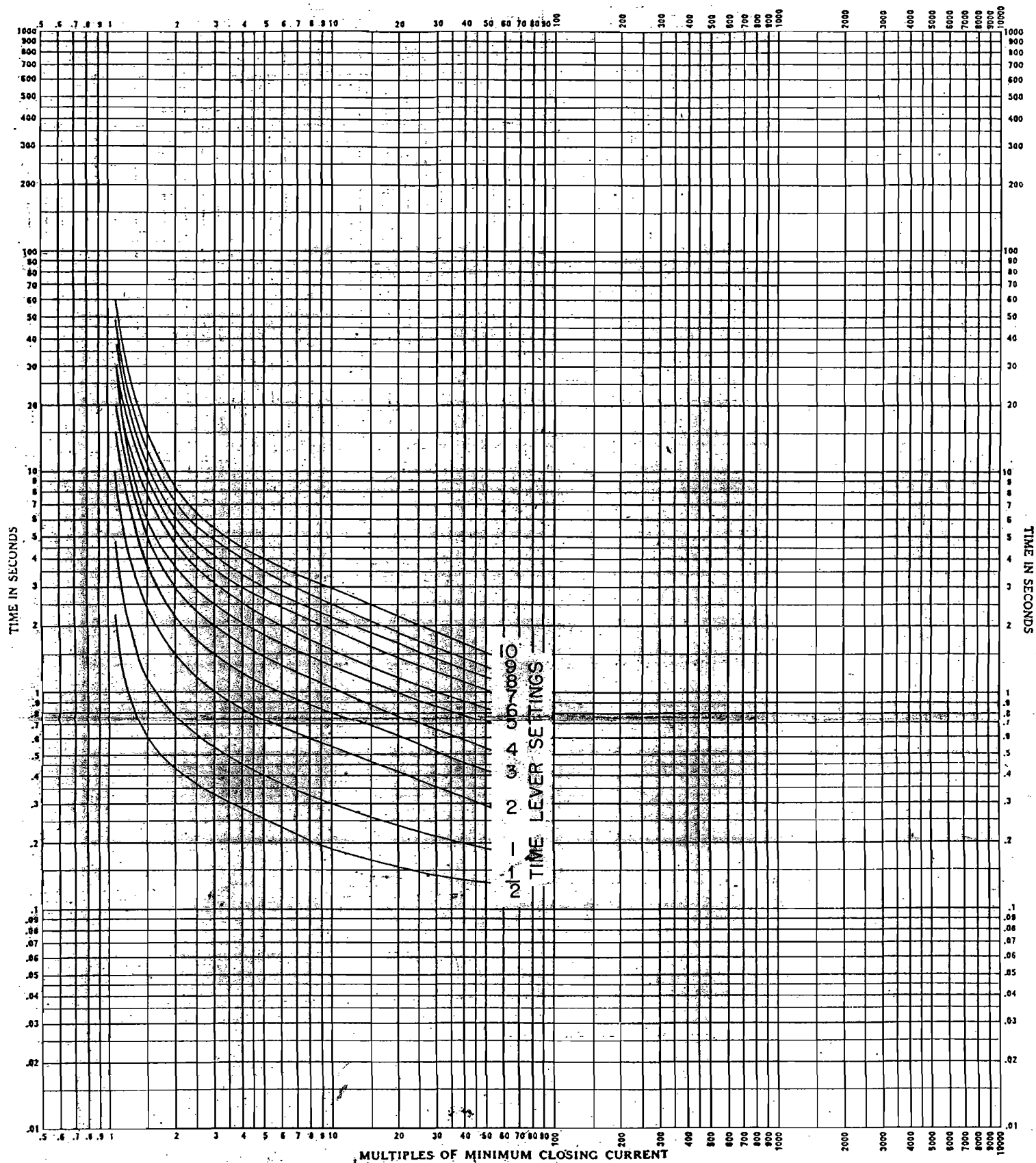
CALIBRATION TEST POINTS FOR IAC RELAYS
MODEL NUMBERS 12IAC51,52,60, OR 61
INVERSE

TIME LEVER SETTING	TIME IN SECONDS FOR EACH MULTIPLE OF TAP SETTING		
	2 X TAP	4 X TAP	6 X TAP
1/2	0.44	0.27	0.23
1	0.75	0.45	0.36
2	1.5	0.83	0.67
3	2.2	1.2	0.98
4	2.9	1.6	1.3
5	3.8	2.1	1.7
6	4.7	2.5	2.0
7	5.6	3.0	2.4
8	6.7	3.4	2.7
9	7.8	4.0	3.2
10	9.0	4.5	3.6

* INTERPOLATED FROM CURVE GET-1773A (General Electric)

$$6\frac{1}{2} = 2.75 @ 4X$$

$$7\frac{1}{2} = 3.2 @ 4X$$



TIME-CURRENT CHARACTERISTIC CURVES

Type IAC Relays—INVERSE

Model Numbers 12IAC51, 52, 60, or 61

CURVE 9.1

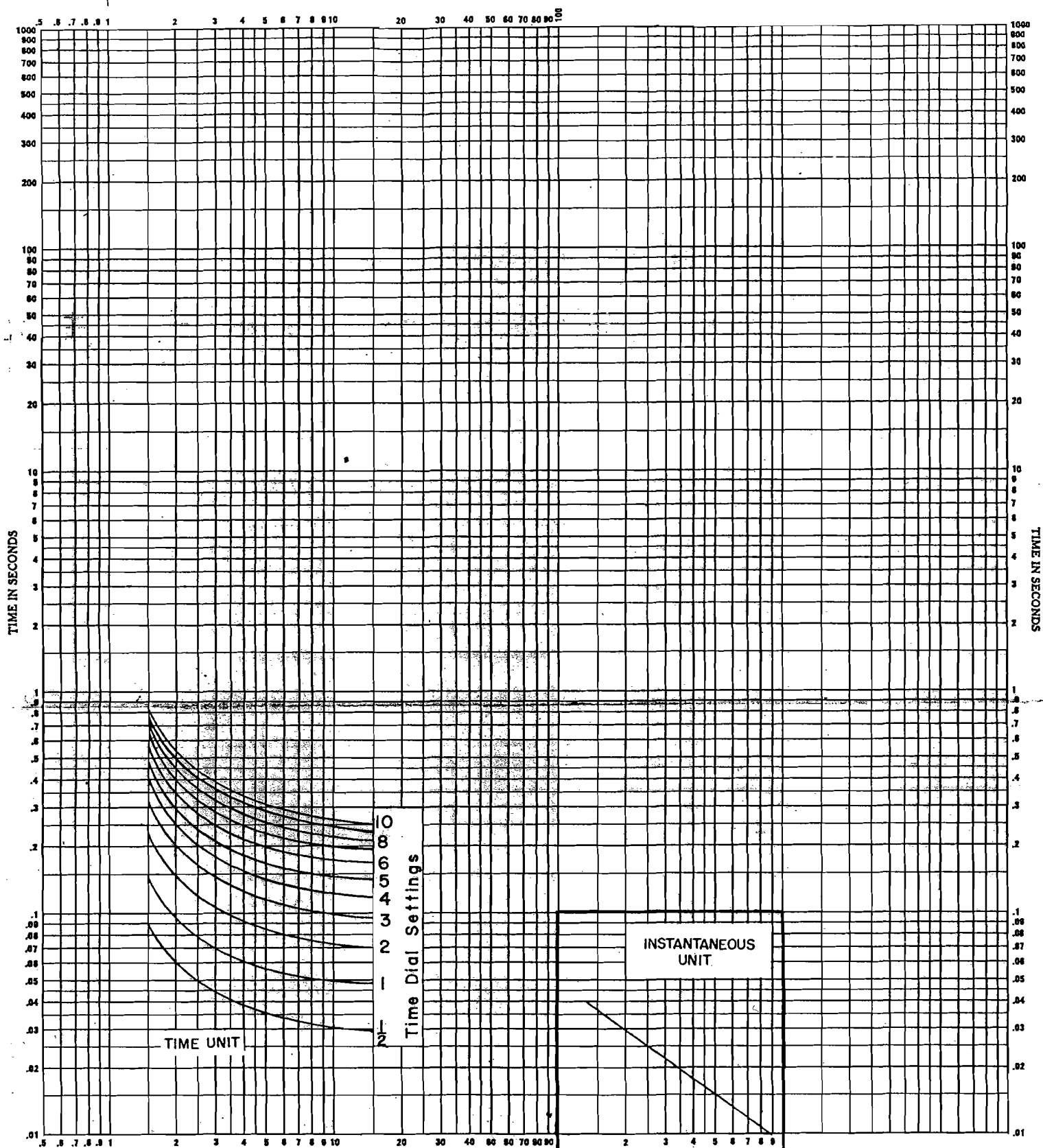
Additional copies of this curve may be obtained from the nearest G-E office or from General Electric, Schenectady 5, N. Y.

Ask for GET-1773A

CALIBRATION TEST POINTS FOR IAC RELAYS
MODEL NUMBERS 12IAC55, OR 56
INVERSE SHORT TIME

TIME LEVER SETTING	TIME IN SECONDS FOR EACH MULTIPLE OF TAP SETTING		
	2 X TAP	4 X TAP	6 X TAP
1/2	0.06	0.038	0.034
1	0.095	0.06	0.054
2	0.15	0.09	0.08
3	0.2	0.13	0.12
4	0.25	0.16	0.14
5	0.3	0.18	0.16
6	0.35	0.22	0.18
7	0.4	0.25	0.22
8	0.45	0.28	0.24
9	0.5	0.31	0.27
10	0.55	0.33	0.29

* INTERPOLATED FROM CURVE GES-7003 (General Electric) *



MULTIPLES OF PICK-UP SETTING

GENERAL ELECTRIC

TIME OVERCURRENT RELAY IAC 55 RELAY

GES - 7003

RATINGS (AMPERES)	
TIME UNIT	INSTANTANEOUS UNIT
0.5 - 2	2 - 8
1.5 - 6	4 - 16
4.0 - 16	10 - 40
	20 - 80
	40 - 160

INVERSE SHORT TIME
TIME - CURRENT CURVES

OTHER RELAYS WITH DUPLICATE
TIME DELAY CHARACTERISTICS

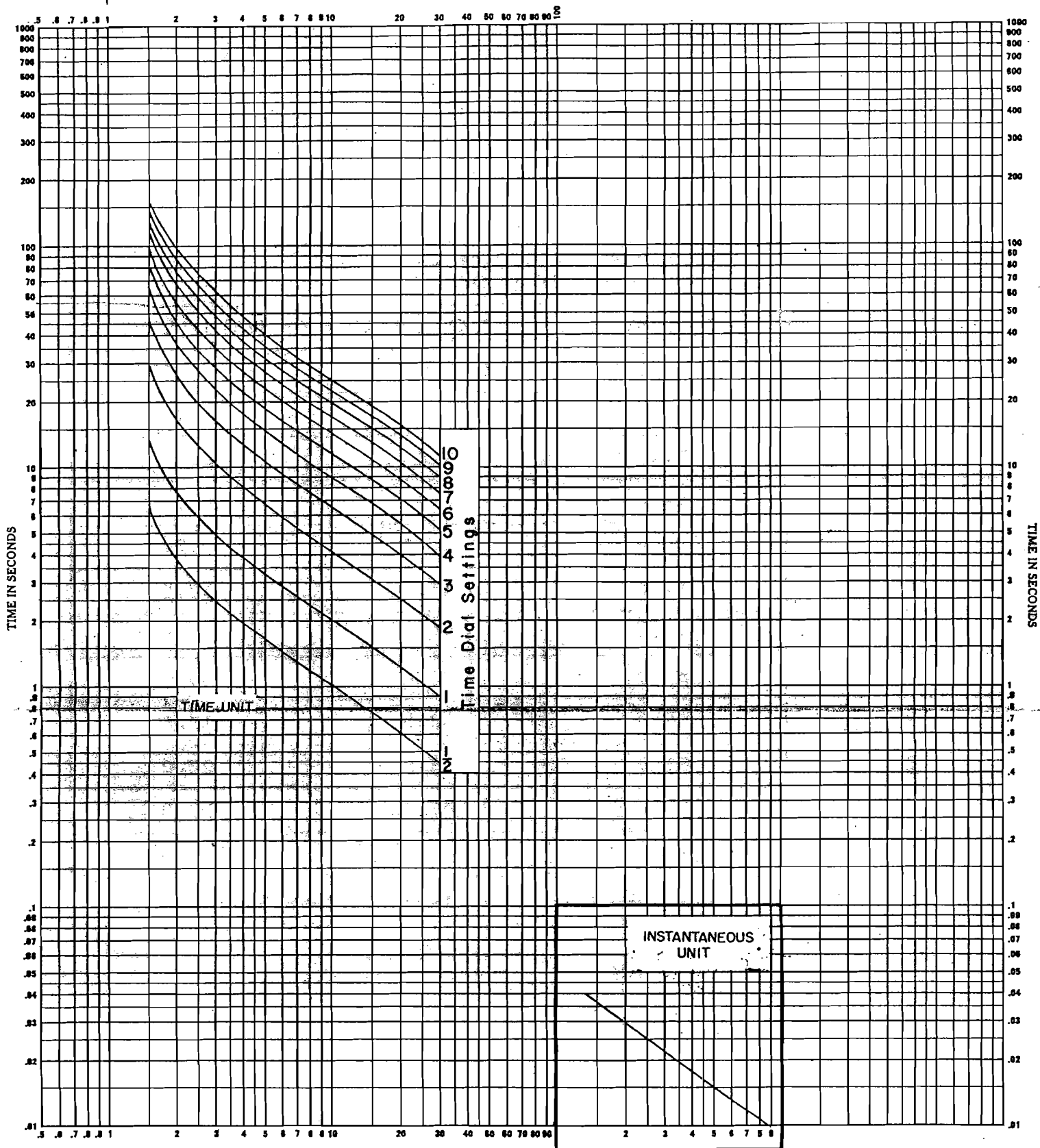
IAC 56

SETTINGS	
TIME UNIT (TAPS)	INST. UNIT
0.5, 0.6, 0.8, 1.0, 1.2, 1.5, 2.0	CONTINUOUSLY ADJUSTABLE
1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0	
4.0, 5.0, 6.0, 8.0, 10.0, 12.0, 16.0	

CALIBRATION TEST POINTS FOR IAC RELAYS
MODEL NUMBERS 12IAC66 OR 70
INVERSE LONG TIME

TIME LEVER SETTING	TIME IN SECONDS FOR EACH MULTIPLE OF TAP SETTING		
	2 X TAP	4 X TAP	6 X TAP
1/2	3.8	1.9	1.4
1	7.7	3.8	2.9
2	17.0	8.0	5.9
3	27.0	13.0	9.2
4	37.0	17.0	13.0
5	45.0	22.0	16.0
6	55.0	27.0	20.0
7	68.0	33.0	24.0
8	77.0	38.0	27.0
9	87.0	43.0	32.0
10	99.0	48.0	35.0

* INTERPOLATED FROM CURVE GES-7004 (General Electric) *



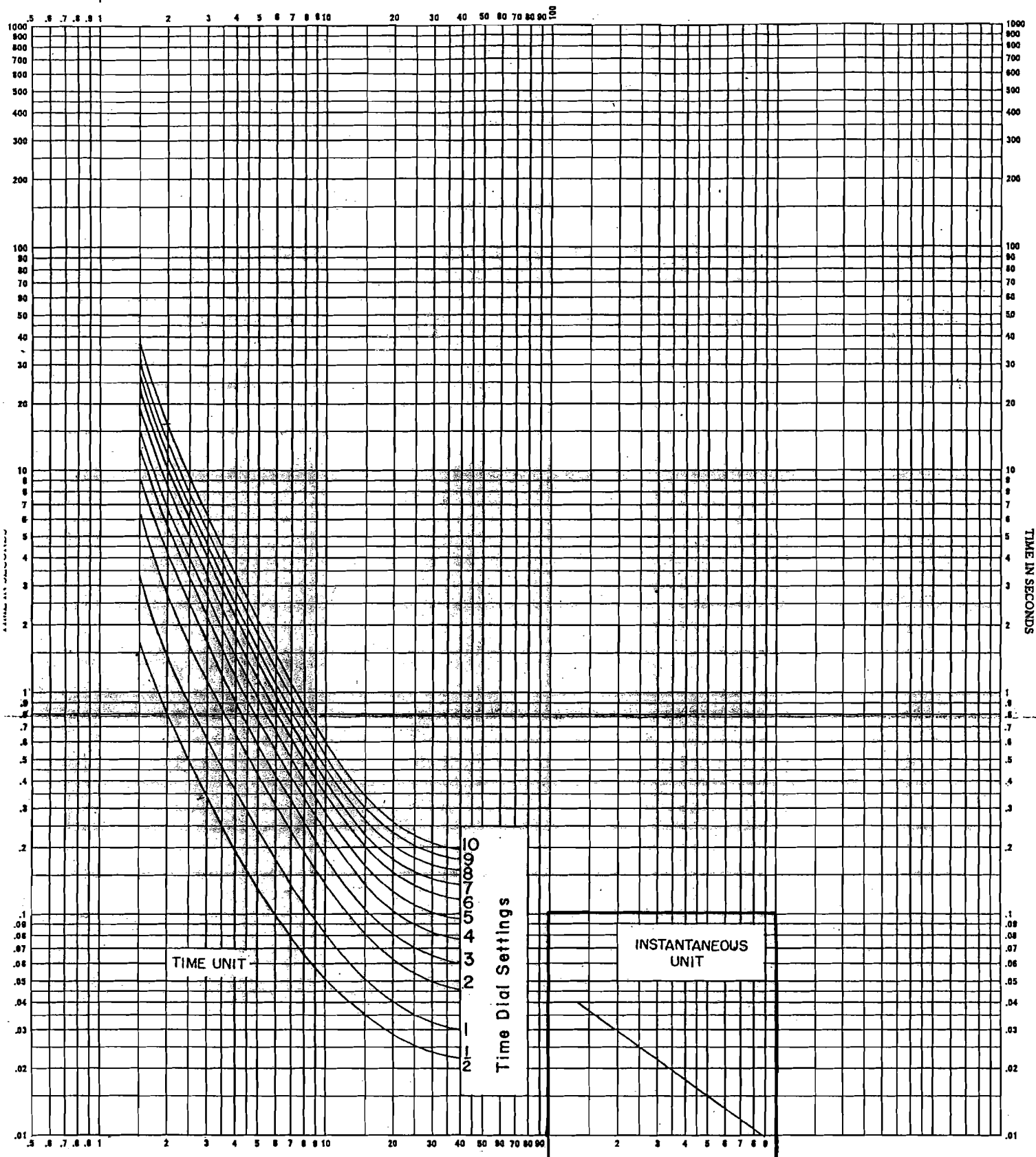
MULTIPLES OF PICK-UP SETTING

GENERAL ELECTRIC		TIME OVERCURRENT RELAY IAC 66 RELAY		GES - 7004	
RATINGS (AMPERES)		INVERSE LONG TIME TIME - CURRENT CURVES		SETTINGS	
TIME UNIT	INSTANTANEOUS UNIT	OTHER RELAYS WITH DUPLICATE TIME DELAY CHARACTERISTICS		TIME UNIT (TAPS)	INST. UNIT
2.5 - 5	2 - 8	IAC70		2.5, 2.8, 3.1, 3.5, 4.0, 4.5, 5.0	CONTINUOUSLY ADJUSTABLE
4.0 - 8	4 - 16 10 - 40 20 - 80 40 - 160			4.0, 4.5, 5.0, 5.6, 6.3, 7.1, 8.0	

CALIBRATION TEST POINTS FOR IAC RELAYS
 MODEL NUMBERS 12IAC77 OR 90
 (ALSO IBC77-78, IBCG77-78, IBCV77-78, JBC77-78, JBCG77-78, JBCV77-78)
 EXTREMELY INVERSE STANDARD TIME

TIME LEVER SETTING	TIME IN SECONDS FOR EACH MULTIPLE OF TAP SETTING		
	2 X TAP	4 X TAP	6 X TAP
1/2	0.8	0.19	0.1
1	1.4	0.36	0.17
2	2.7	0.64	0.3
3	4.0	0.9	0.41
4	5.5	1.2	0.55
5	6.8	1.4	0.67
6	8.2	1.7	0.8
7	10.0	2.2	0.95
8	12.0	2.5	1.1
9	14.0	2.8	1.3
10	16.0	3.3	1.5

* INTERPOLATED FROM CURVE GES-7005 (General Electric) *



MULTIPLES OF PICK-UP SETTING

GENERAL ELECTRIC

TIME OVERCURRENT RELAY IAC 77 RELAY

GES - 7005

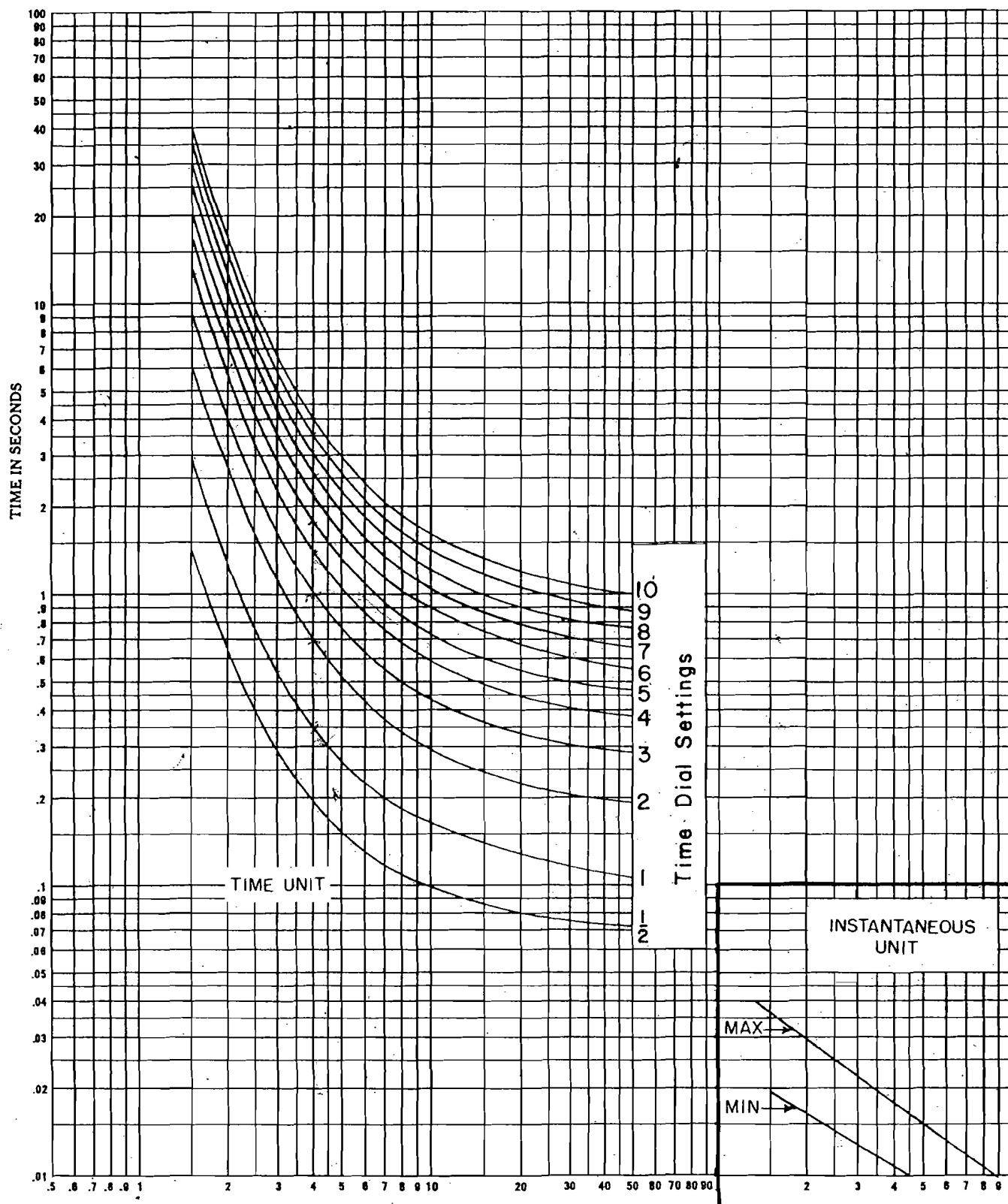
RATINGS (AMPERES)	
TIME UNIT	INSTANTANEOUS UNIT
0.5 - 2	2 - 8
1.5 - 6	4 - 16
4.0 - 16	10 - 40
	20 - 80
	40 - 160

EXTREMELY INVERSE STANDARD TIME
TIME - CURRENT CURVES

OTHER RELAYS WITH DUPLICATE
TIME DELAY CHARACTERISTICS

IAC90, IBC77-78, IBCG77-78, IBCV77-78,
JBC77-78, JBCG77-78, JBCV77-78

SETTINGS	
TIME UNIT (TAPS)	INST. UNIT
0.5, 0.6, 0.8, 1.0, 1.2, 1.5, 2.0	CONTINUOUSLY
1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0	ADJUSTABLE
4.0, 5.0, 6.0, 8.0, 10.0, 12.0, 16.0	



MULTIPLES OF PICK-UP SETTING

Fig. 14. Type IAC relays, Very Inverse Time-characteristic Curve (GES-7002)

IAC (53), (54), (80), (81)

ON BACK