

Notes:
For 50 Hertz operation of the following breakers equipped with Ground Trip element, the instantaneous pickup settings should not exceed the following maximums to avoid ground error signals possible due to sensor saturation.

Breaker Type	Sensor Tap Setting (Amperes)	Max. Pickup Setting (Amperes)
AK, AKR-50	1200	14,000
	1600	18,000
AKT, AKRT-50	1600	16,000
	2000	20,000

GES-6194

GES-6194

MULTIPLES OF CURRENT SETTING, C



GE Consumer & Industrial - Electrical Distribution

- X = Current Sensor Taps (Amperes)**
- AKR-30 100, 150, 225, 300 or 300, 400, 600, 800
 - AKR-50 300, 400, 600, 800 or 600, 800, 1200, 1600
 - AKRT-50 800, 1200, 1600, 2000
 - AKR-75 1200, 1600, 2000, 3200
 - AKR-100 1600, 2000, 3000, 4000

Power Break and Molded Case Circuit Breakers
150, 200, 300, 400, 500, 600, 800, 1000, 1200, 1600, 2000, 2500, 3000 and 4000 Amperes
Voltage Ratings: 600 Vac

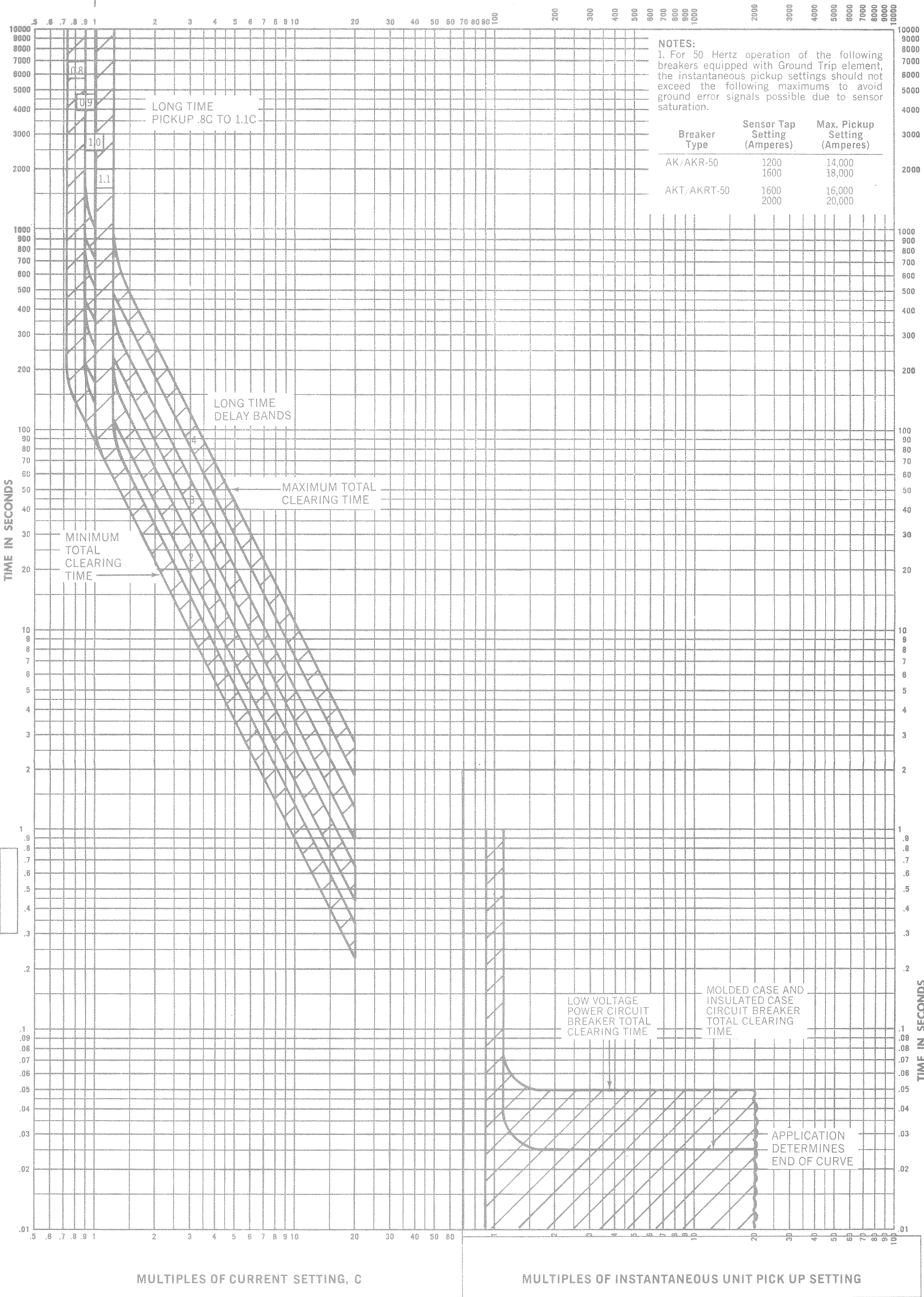
Low-Voltage Power Circuit Breakers Insulated Case and Molded Case Circuit Breakers with MicroVersaTrip® Solid-State Overcurrent Trip Device

Type AKR
Long-time-delay and Instantaneous Time-Current Curves

Curves apply at 50/60 Hertz and from -20°C to 70°C Programmer Ambient. For 50 Hz operation see note above.

GES-6194

Programmer Set Points:
Long-Time Current Setting: 50, 60, 70, 80, 85, 95 and 100% multiples of current sensor tap setting or rating (X).
Long-Time Pickup: 0.8, 0.9, 1.0, 1.1 multiples of the current setting, C.
Instantaneous: 1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0, & 10.0X for 150A through 3000A ratings and 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 7.0, & 9.0X for 4000A rating multiples of current setting (X).



NOTES:
 1. For 50 Hertz operation of the following breakers equipped with Ground Trip element, the instantaneous pickup settings should not exceed the following maximums to avoid ground error signals possible due to sensor saturation.

Breaker Type	Sensor Tap Setting (Amperes)	Max. Pickup Setting (Amperes)
AK/AKR-50	1200	14,000
	1600	18,000
AKT/AKRT-50	1600	16,000
	2000	20,000

GENERAL ELECTRIC

**AKR LOW-VOLTAGE POWER CIRCUIT BREAKERS
 INSULATED CASE AND MOLDED CASE CIRCUIT BREAKERS
 MICROVERSATRIP SOLID-STATE OVERCURRENT TRIP DEVICE**

GES 6194

X = Current Sensor Taps (Amperes)
 AKR-30 100, 150, 225, 300 or 300, 400, 600, 800
 AKR-50 300, 400, 600, 800, or 600, 800, 1200, 1600
 AKRT-50 800, 1200, 1600, 2000
 AKR-75 1200, 1600, 2000, 3200
 AKR-100 1600, 2000, 3000, 4000

Power Break and Molded Case Circuit Breakers
 150, 200, 300, 400, 500, 600, 800, 1000, 1200, 1600, 2000,
 2500, 3000 & 4000 AMPERES

**Long-time-delay and Instantaneous
 Time-current Curves**

Curves apply at 50/60 Hertz
 From -20 to +70C Programmer Ambient
 For 50 Hz operation see note above.

Programmer Set Points
 Long Time Current Settings: 50, 60, 70, 80, 85,
 95 & 100% multiples of current sensor tap setting or rating (X).
 Long Time Pickup: 0.8, 0.9, 1.0 & 1.1 multiples
 of Current Setting, C.
 Instantaneous: 1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0 &
 10.0X for 150A through 3000A ratings and 1.5,
 2.0, 2.5, 3.0, 4.0, 5.0, 7.0, & 9.0X for 4000A rating
 multiples of sensor current setting (X).