

GE Consumer & Industrial - Electrical Distribution

X-Current Sensor Taps (Amperes)

AK-15	70, 100, 150, 225
AK-25	70, 100, 150, 225 or 200, 300, 400, 600
AKR-30	100, 150, 225, 300 or 300, 400, 600, 800
AK AKR-50	300, 400, 600, 800 or 600, 800, 1200, 1600
AKT AKRT-50	800, 1200, 1600, 2000
AK-75	1200, 1600, 2000, 3000
AKR-75	1200, 1600, 2000, 3200
AK AKR-100	1600, 2000, 3000, 4000

Low-Voltage Power Circuit Breaker

Type AK/AKR
SST™ Solid-state Overcurrent Trip Device
Long-time-delay, Short-time-delay
and Instantaneous Time-Current Curves

Curves apply at 50/60 Hertz and
from -20°C to 70°C Programmer Ambient.

GES-6033B

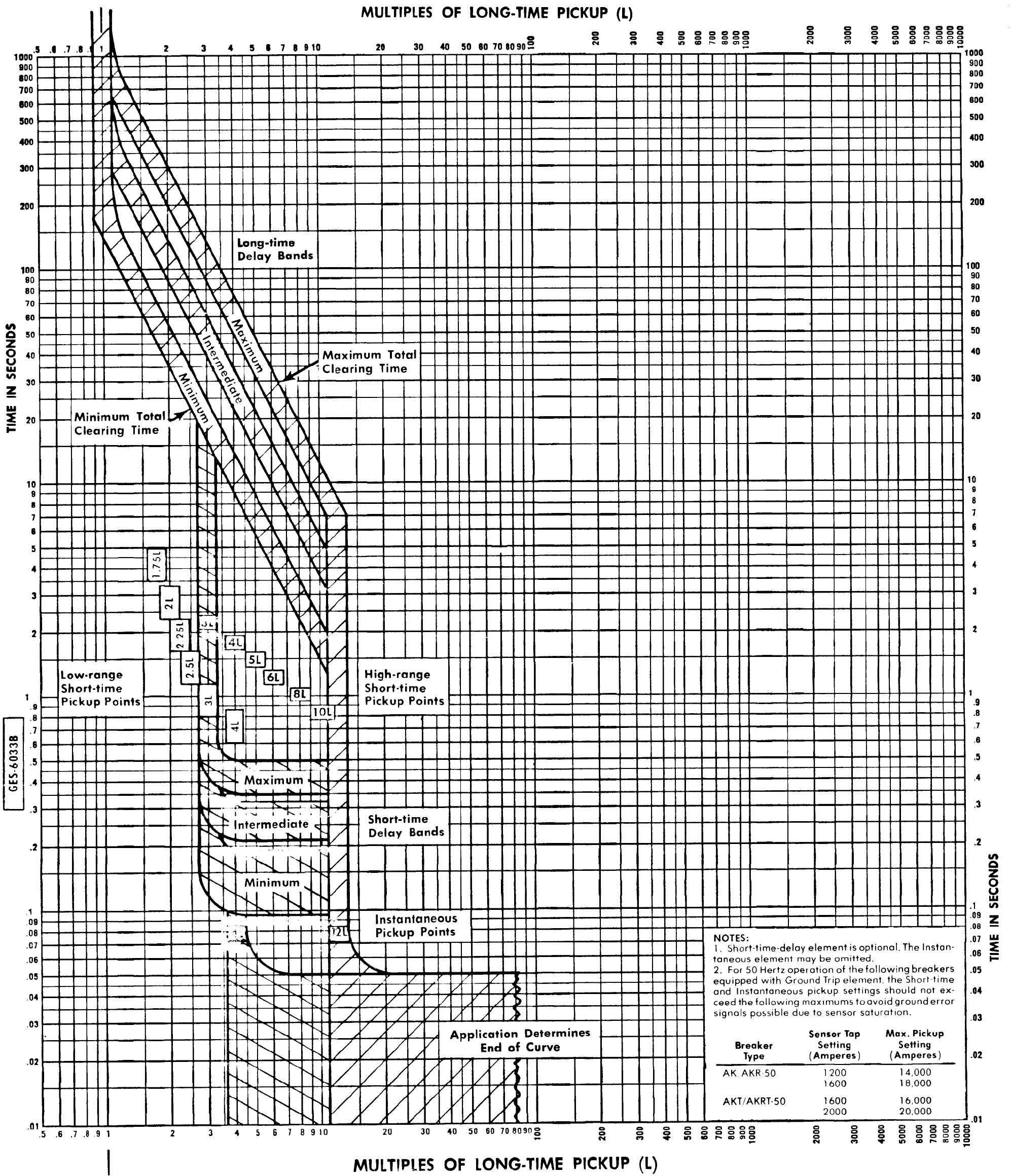
Programmer Set Points

Pickup
Long Time:
0.6, 0.7, 0.8, 0.9, 1.0 and 1.1 multiples of current sensor tap setting (X). (Settings higher than 100% of the frame size do not increase the continuous current rating)

Short Time: 1.75, 2.0, 2.25, 2.5, 3 & 4 or 3, 4, 5, 6, 8 & 10 multiples of Long-time pickup setting (L). For 50 Hz operation, see Note 2.

Instantaneous: 4, 5, 6, 8, 10 & 12 multiples of Long-time pickup setting (L). For 50 Hz operation, see Note 2.

Time Delay Bands:
Long-time and Short-time: Max., Int. & Min.



GENERAL ELECTRIC

AK/AKR LOW-VOLTAGE POWER CIRCUIT BREAKERS

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Long-time-delay, Short-time-delay and Instantaneous Time-current Curves

Curves apply at 50/60 Hertz
 From -20C to +70C Programmer Ambient

Programmer Set Points

PICKUP
 Long-time: .6, .7, .8, .9, 1.0 & 1.1 multiples of current sensor tap setting (X). (Settings higher than 100% of the frame size do not increase the continuous current rating).
 Short-time: 1.75, 2, 2.25, 2.5, 3 & 4 or 3, 4, 5, 6, 8 & 10 multiples of Long-time pickup setting (L). For 50 Hz. operation, see Note 2.
 Instantaneous: 4, 5, 6, 8, 10 & 12 multiples of Long-time pickup setting (L). For 50 Hz. operation, see Note 2.
TIME DELAY BANDS
 Long-time and Short-time: Max., Int. & Min.