

**GE Consumer & Industrial -  
Electrical Distribution**

**X-Current Sensor Taps (Amperes)**

AKR-30	100, 150, 225, 300, 400, 600, 800
AKR-50	300, 400, 600, 800, 1200, 1600
AKRT-50	800, 1200, 1600, 2000
AK-75	1200, 1600, 2000, 3000
AK-100	1600, 2000, 3000, 4000

**Low-Voltage Power Circuit Breakers**

Type AK/AKR  
ECS™ 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-6032**

**Programmer Set Points**

**Pickup**

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

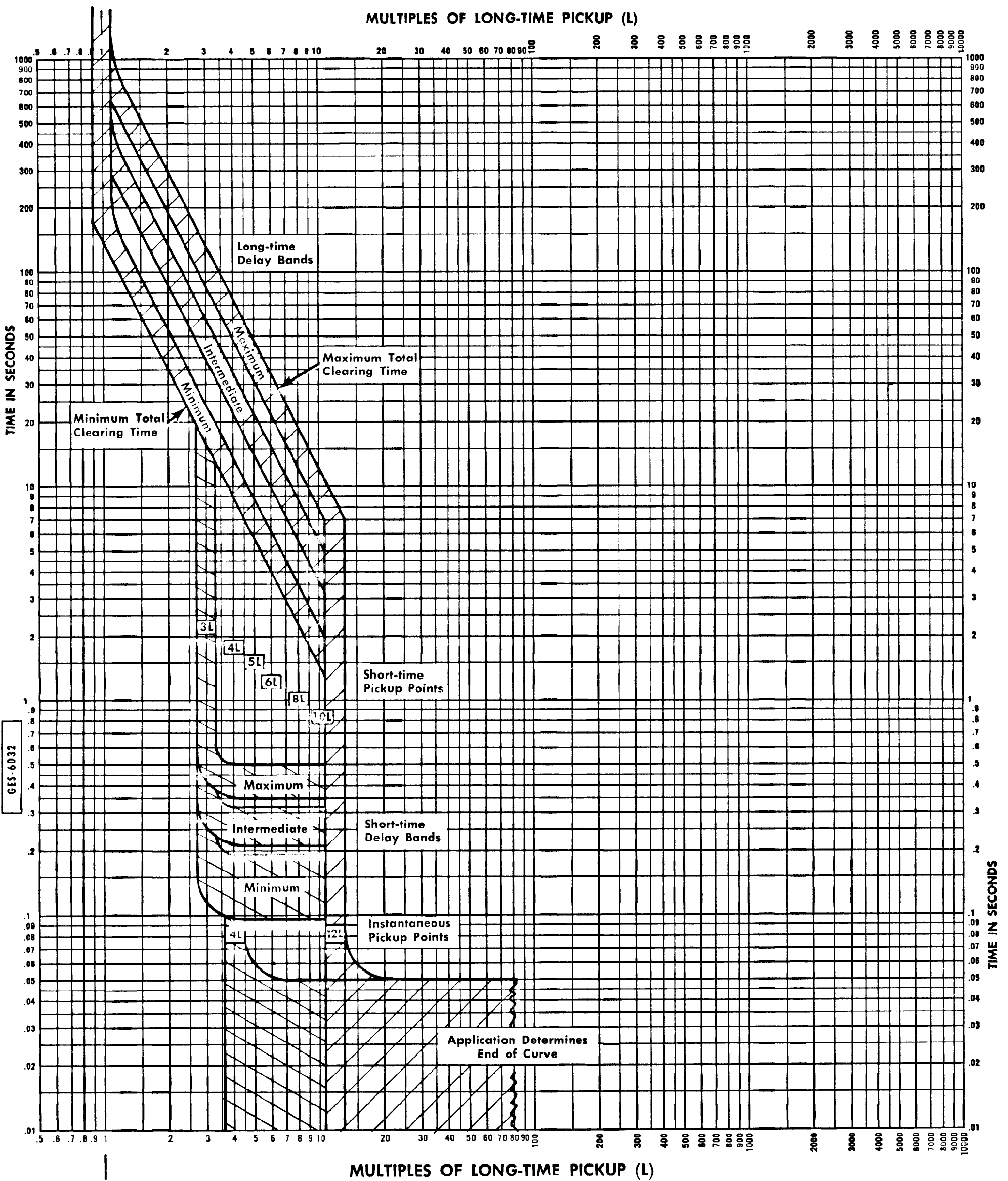
**Short Time:** 3, 4, 5, 6, 8 & 10 multiples of Long-time pickup setting (L).

**Instantaneous:** 4, 5, 6, 8, 10 & 12 multiples of Long-time pickup setting (L).

**Time Delay Bands:**

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

MULTIPLES OF LONG-TIME PICKUP (L)



GES-6032

TIME IN SECONDS

MULTIPLES OF LONG-TIME PICKUP (L)

NOTE: Short-time delay is optional. Instantaneous can be omitted.

	<b>AK/AKR LOW-VOLTAGE POWER CIRCUIT BREAKERS</b> <b>ECS™ SOLID-STATE OVERCURRENT-TRIP DEVICE</b>	<b>GES-6032</b>
<b>X = Current Sensor Rating (Amperes)</b>	<b>Long-time-delay, Short-time-delay and Instantaneous Time-current Curves</b>	<b>Programmer Set Points</b>
AKR-30      100, 150, 225, 300 400, 600, 800 AKR-50      300, 400, 600, 800 1200, 1600 AKRT-50     800, 1200, 1600, 2000 AK-75        1200, 1600, 2000, 3000 AK-100      1600, 2000, 3000, 4000	Curves apply at 50/60 Hertz From - 20C to + 70C Programmer Ambient	<b>PICKUP</b> Long-time: .6, .7, .8, .9, 1.0 & 1.1 multiples of current sensor rating (X). (Settings higher than 100% of the frame size do not increase the continuous current rating.) Short-time: 3, 4, 5, 6, 8 & 10 multiples of Long-time pickup setting (L). Instantaneous: 4, 5, 6, 8, 10 & 12 multiples of Long-time pickup setting (L). <b>TIME DELAY BANDS</b> Long-time and Short-time: Max., Int. & Min.