



GENERAL ELECTRIC

AK/AKR LOW-VOLTAGE POWER CIRCUIT BREAKERS

SST™ SOLID-STATE OVERCURRENT TRIP DEVICE

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

Curves apply at 30/50 Hertz
From -20C to +70C Programmer Ambient

GES-6033B

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.

X = Current Sensor Taps (Amperes)

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|-------------|--|
| 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 |