Low Voltage Power Circuit Breaker
Type AK

Power Sensor™
Solid-State Overcurrent Trip Device
Types PS-1, PS-1A

Long-time Delay, Short-time Delay, and Instantaneous Time Current Curves

Multiples of Transformer Tap

GE Consumer & Industrial - Electrical Distribution

Transformer Tap (Amperes)
- AK-25: 45, 70, 90, 125, 175, 225
- AK-50: 200, 300, 400, 500, 600
- AK-75: 600, 800, 1200, 1600
- AK-100: 1500, 2000, 2500, 3000

Curves apply at 60 Hertz and from -20°C to 55°C breaker ambient

GES-6021A

Adjustments
Long-time Delay Unit: Pickup current settings are 80%, 90%, 100%, 110%, 120% and 130% of transformer tap setting. (Settings higher than 100% of frame size rating do not increase the continuous current rating.)

Time-delay bands are Max., Int., & Min.

Short-time Delay Unit: Pickup current settings are 2x — 5x or 4x — 10x of transformer tap setting.

Time-delay adjustment settings are Max., Int., & Min.

Instantaneous Unit: Pickup current settings are 4x, 5x, 6x, 8x, 10x and 12x of transformer tap setting.