



**GENERAL ELECTRIC**

**LOW-VOLTAGE POWER CIRCUIT BREAKERS  
TYPE AKR  
INSULATED-CASE CIRCUIT BREAKERS  
TYPE TPV, THV  
MOLDED-CASE CIRCUIT BREAKERS  
TYPES TJ9V, THJ9V, TK9V, THK9V  
All with Micro-VersaTrip®**

**GES-6199**

**X= Current Sensor Tap Setting or Rating**

Current Sensor Taps (Amperes) LVPCB	Current Sensor Taps (Amperes) ICCB
AKR-30 100/150/225/300 or 300/400/600/800	800 Envelope 400/200,600/300,800/400 1600 Envelope 800/400,1000/500,
AKR-50 300,400/600/800 or 600/800/1200/1600	1200/600,1600/1000 2000 Envelope 2000/1200
AKRT-50 800/1200/1600/2000	2500 Envelope 600/300,800/400,1000/500,
AKR-75 1200/1600/2000/3200	1200/600,1600/1000
AKR-100 1600/2000/3000/4000	2000 1200/2500/1800

  

Fixed Current Sensor Ratings (Amperes) LVPCB	Fixed Current Sensor Ratings (Amperes) ICCB and MCCB
AKR-30 100,150,225,300,400,600,800	3000 Envelope 3000/2400 4000 Envelope 4000/3000
AKR-50 300,400,600,800,1200,1600	
AKRT-50 800,1200,1600,2000	
AKR-75 1200,1600,2000,3200	
AKR-100 1600,2000,3000,4000	

Voltage Rating: 600 Volts, ac, 50/60 Hertz

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

**Programmer Adjustments**  
Long Time Delay Unit Current Settings (C): 0.50, 0.60, 0.70, 0.80, 0.85, 0.90 and 1.00 multiples of current sensor tap setting or rating (X). Pickup: 0.8, 0.9, 1.0, 1.1 multiples of the Current Setting (C). Delay Bands: 1, 2, 3 and 4.  
Short Time Delay Unit Pickup Settings: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 7.0, and 9.0 multiples of current setting (C).  
Delay Bands: MIN, INT, MAX; I²t = Constant.  
Instantaneous Adjustments: See Curves above.

(Curves apply at 50/60 Hertz and from  
-20C to +55C breaker ambient  
or -20C to +70C programmer ambient)