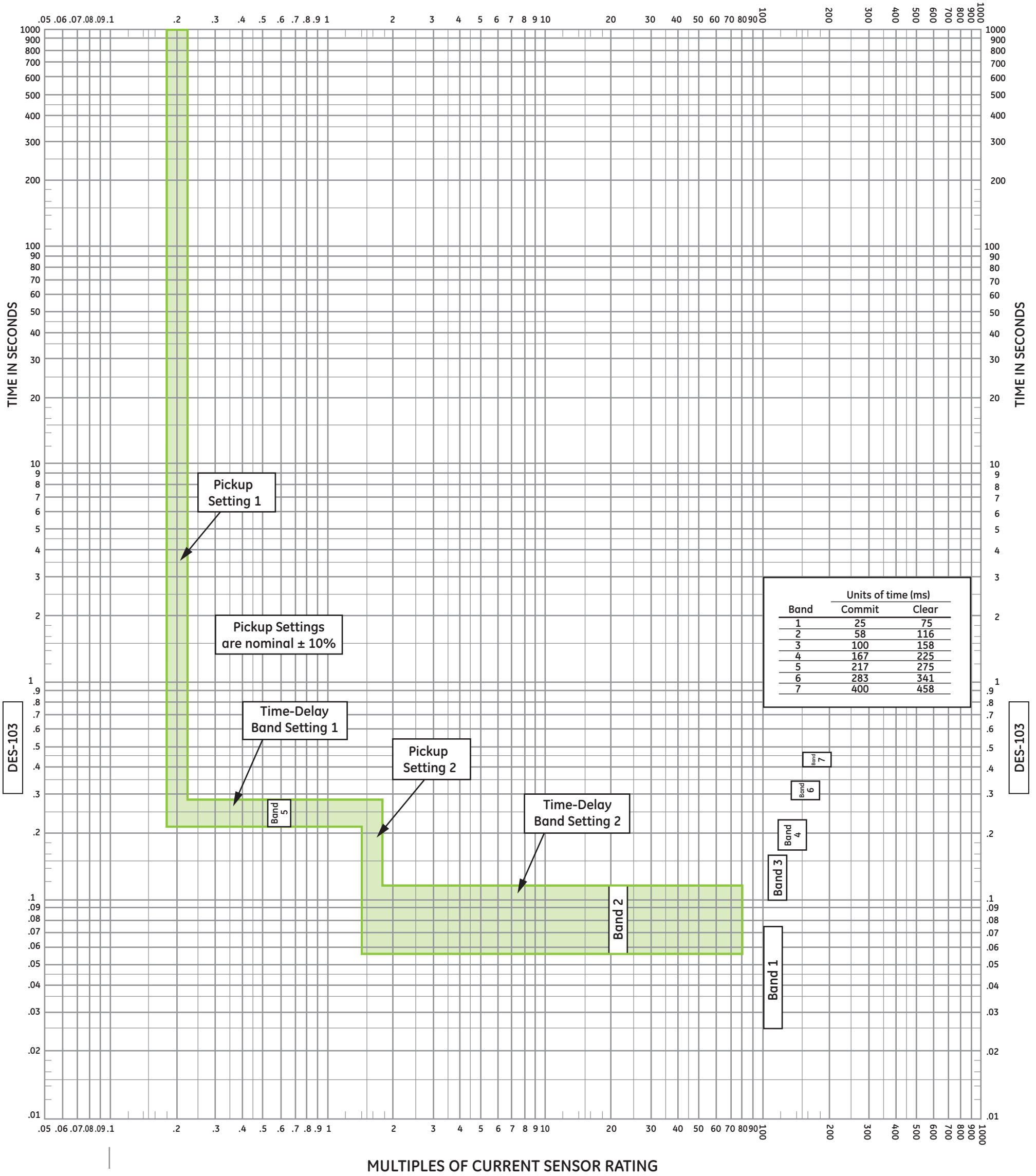


MULTIPLES OF CURRENT SENSOR RATING



Entellisys™ Low-Voltage Switchgear with EntelliGuard™ E Low-Voltage Power Circuit Breakers

Bus-Differential Protection Applied to Zones
Pickup 1, Time Delay, Pickup 2, Time Delay 2

DES-103

Adjustment Notes:

1. Pickup 2, if used, must be > pickup 1; time delay 2 must be \geq time delay 1.
2. The bus-differential pickup adjustment range is from a minimum of 0.2 times the largest sensor in the zone to a maximum of 22,000 A.
3. The bus-differential function will pick up when the calculated fault current exceeds the pickup threshold for the zone, as long as the current in any one circuit breaker in the zone does not exceed 10 times the sensor rating for that breaker.
4. It is recommended that bus-differential be used in conjunction with zone-selective interlocking for full fault range zone-based protection.
5. Bus-differential pickups are continuously adjustable and calibrated in amperes.