MULTIPLES OF AMPERE SETTING (CONTINUOUS)

TIME IN SECONDS

GES-6188

Minimum Total Clearing Time

Maximum Total Clearing Time

Long-time Trip Bands

Maximum

Intermediate

Minimum

FOR 50 HERTZ OPERATION of VersaTrip® breakers equipped with adjustable ground fault: To avoid ground error signals due to sensor saturation, do not utilize the 6.0X Instantaneous Trip Point Setting, or the MIN. Short-time Delay Time Band.

1.5X
2.0X
2.5X
3.0X
4.0X
5.0X

Short-time Trip Points

Max.
Int.
Min.

Short-time Delay Time

2.0X
2.5X
3.0X
4.0X
5.0X
6.0X

Instantaneous Trip Points

Application Determines End of Curve

Max.
Int.
Min.

Instantaneous Over-ride for 4000 Ampere Rating
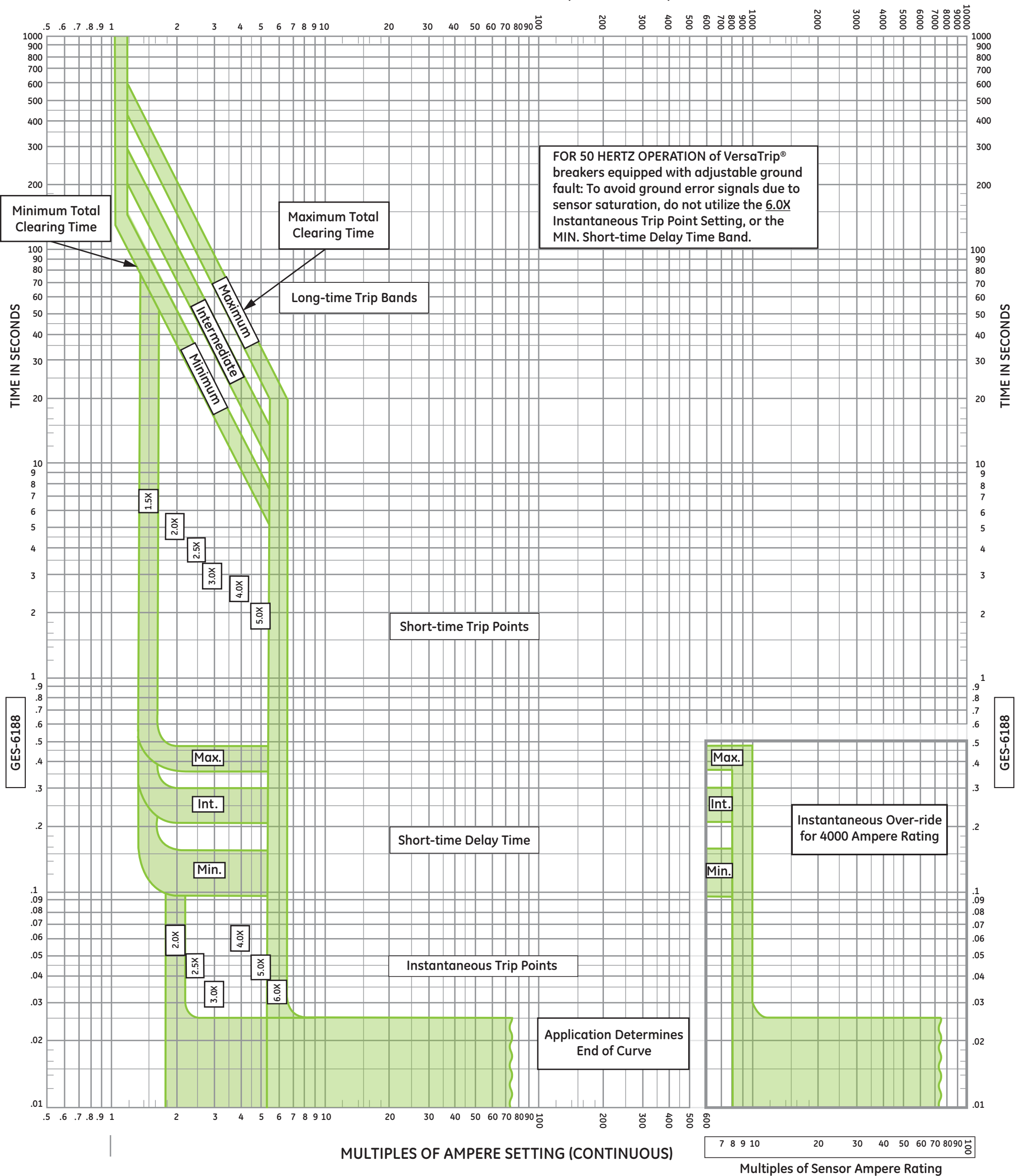
MULTIPLES OF AMPERE SETTING (CONTINUOUS)

Multiples of Sensor Ampere Rating

GES-6188

GE Consumer & Industrial - Electrical Distribution

Insulated Case Circuit Breaker
PowerBreak® with Solid State
VersaTrip® MOD2

Types TPSS, THSS
Long-time, Short-time and
Instantaneous Time-current Curves

Curves apply at 50/60 Hertz and
from -20ºC to +55ºC breaker ambient.

GES-6188

Sensor Rating
4000 amperes

Voltage Rating
600 Vac

Frequency Rating
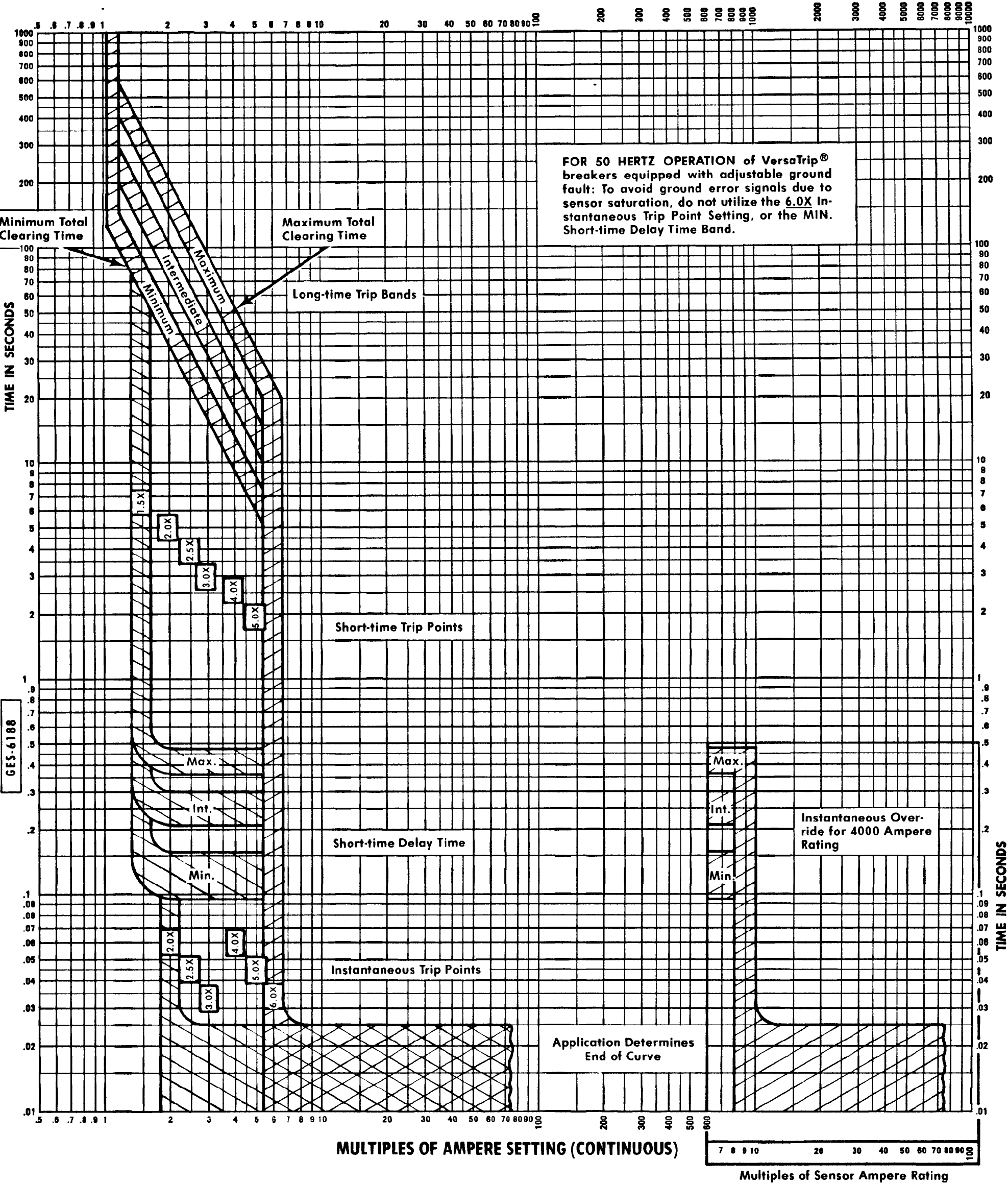50/60 Hertz

Adjustments

Long-time Delay Unit: Continuous current settings are 50, 60, 70, 80, 90 and 100% of sensor rating. Time-delay bands are maximum, intermediate and minimum.

Short-time Delay Unit: Pick-up current settings are 1.5X, 2.0X, 2.5X, 3.0X, 4.0X and 5.0X multiples of long-time unit setting. Time-delay bands are maximum, intermediate and minimum.

Instantaneous Unit: Pick-up current settings are 2X, 2.5X, 3.0X, 4.0X, 5.0X and 6.0X multiples of long-time unit setting.

Instantaneous Over Ride: Set at 9X sensor ampere rating when the adjustable instantaneous unit is omitted.

03.78 3M

MULTIPLES OF AMPERE SETTING (CONTINUOUS)

TIME IN SECONDS

GES-6188

Minimum Total Clearing Time

Maximum Total Clearing Time

Minimum / Intermediate / Maximum

Long-time Trip Bands

FOR 50 HERTZ OPERATION of VersaTrip® breakers equipped with adjustable ground fault: To avoid ground error signals due to sensor saturation, do not utilize the 6.0X Instantaneous Trip Point Setting, or the MIN. Short-time Delay Time Band.

1.5X
2.0X
2.5X
3.0X
4.0X
5.0X

Short-time Trip Points

Max.
Int.
Min.

Short-time Delay Time

Max.
Int.
Min.

Instantaneous Override for 4000 Ampere Rating

2.0X
2.5X
3.0X
4.0X
5.0X
6.0X

Instantaneous Trip Points

Application Determines End of Curve

MULTIPLES OF AMPERE SETTING (CONTINUOUS)

TIME IN SECONDS

Multiples of Sensor Ampere Rating

GENERAL ⊕ ELECTRIC

Sensor Rating
4000 amperes

Voltage Rating
600 volts ac

Frequency Rating
50/60 Hertz

INSULATED CASE CIRCUIT BREAKER
POWER BREAK®
Solid State
With **VersaTrip®**
MOD2
Types TPSS, THSS Long-time, Short-time and Instantaneous Time-current Curves
(Curves apply at 50/60 Hertz and from −20C to +55C breaker ambient)

GES-6188

Adjustments

Long-time Delay Unit: Continuous current settings are 50, 60, 70, 80, 90 and 100% of sensor rating. Time-delay bands are maximum, intermediate and minimum.

Short-time Delay Unit: Pick-up settings are 1.5X, 2.0X, 2.5X, 3.0X, 4.0X and 5.0X multiples of long-time unit setting. Time-delay bands are maximum, intermediate and minimum.

Instantaneous Unit: Pick-up current settings are 2X, 2.5X, 3.0X, 4.0X, 5.0X and 6.0X multiples of long-time unit setting.

Instantaneous Over Ride: Set at 9X sensor ampere rating when the adjustable instantaneous unit is omitted.