

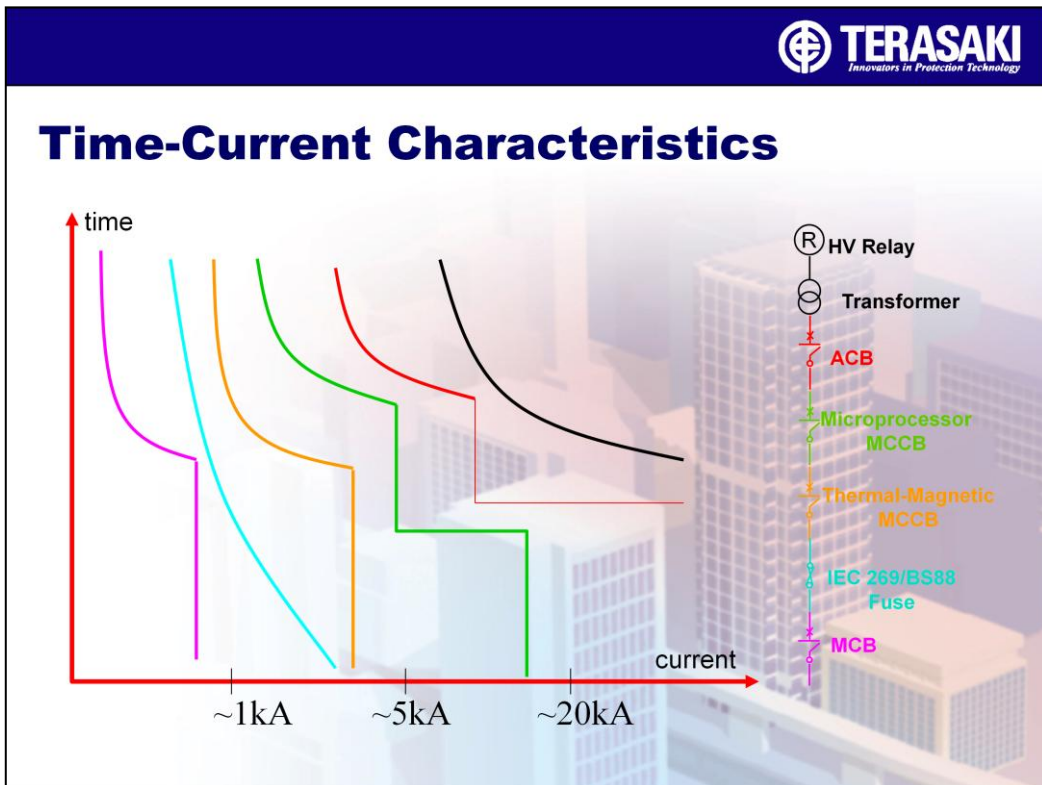
 **TERASAKI**  
*Innovators in Protection Technology*

## Discrimination



- The feeder carrying the fault trips
- Incomer always remains closed
- Supply is maintained to most of the load

Maintain supply to healthy circuits after an overcurrent (overload, ground fault or short-circuit)



HV relay, black - settings often fixed by Electricity supplier. Remember that characteristics must be reflected (multiplied by the transformer turns ratio) to show the curve on the same base as the others

ACB, red - electronic, with INST switched off, to guarantee short-circuit discrimination with all MCCBs. This is possible if the ACB has a withstand rating greater than or equal to the fault level

MCCB, green - electronic. INST cannot be switched off as withstand is low

MCCB, orange - thermal magnetic.

Fuse, blue - no adjustability

MCB, purple - B, C and D characteristics can provide some flexibility