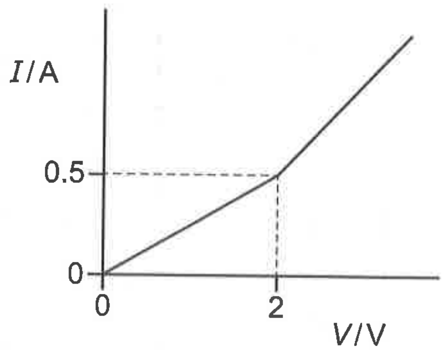
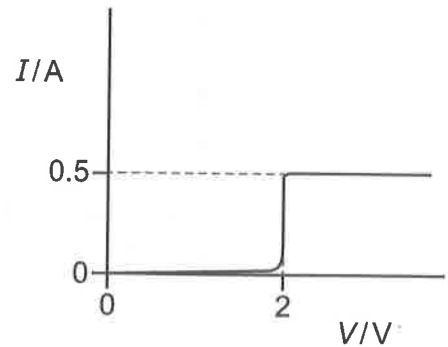
24 An electronic component conducts a constant current when the potential difference (p.d.) across it is at least 2.0 V. Below 2.0 V, the component is non-conducting. This component is connected in parallel with a resistor of resistance 4.0 Ω.

Which graph shows how the total current I varies with p.d. V across the parallel arrangement?

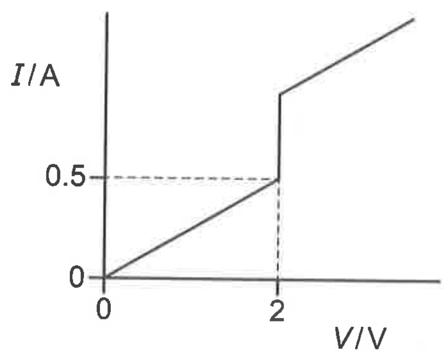
A



B



C



D