

**35** Each of Kirchhoff's laws is linked to the conservation of a physical quantity.

Which conserved physical quantities are used in the derivation of Kirchhoff's first law and of Kirchhoff's second law?

	Kirchhoff's first law	Kirchhoff's second law
<b>A</b>	energy	charge
<b>B</b>	energy	momentum
<b>C</b>	charge	energy
<b>D</b>	momentum	energy