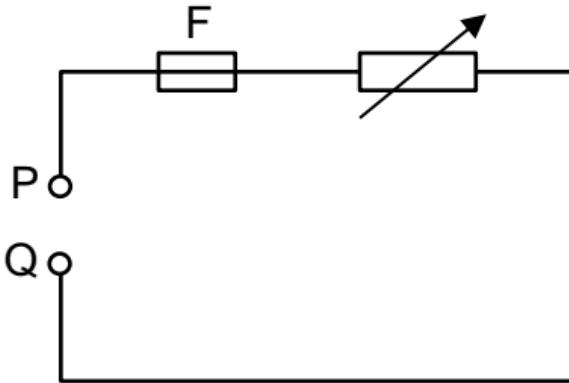


- 26** When a direct current supply of 120 V is connected to the terminals PQ in the circuit shown below, the fuse F breaks the circuit if the current just exceeds 12 A.



When the direct current supply is replaced with a 240 V r.m.s. alternating current source, an identical fuse breaks the circuit if the r.m.s. current just exceeds

**A** 6 A

**B** 12 A

**C**  $12\sqrt{2}$  A

**D** 24 A