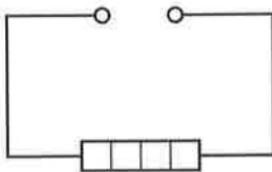


- 22 Two 12V power supplies P and Q are connected to two heaters of the same constant resistance.

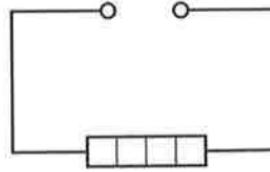
The output powers of the heaters are shown.

P



output power
24.0 W

Q



output power
13.5 W

P has no internal resistance.

What is the internal resistance of Q?

A 1.0Ω

B 2.0Ω

C 3.0Ω

D 4.0Ω

