2 What is the unit of resistance when expressed in SI base units?

A $kg^{-1}m^{-2}sA^2$

B $kg^{-1}m^{-2}s^3A^2$

C $kg\,m^2s^{-1}A^{-2}$

D $kg\,m^2s^{-3}A^{-2}$