

# AIC or short-circuit rating

AIC (ampere interrupting capacity) is the maximum short-circuit current that a circuit breaker can safely interrupt. The eGauge is not a circuit so it does not have an AIC rating.

Socket-meters (or any type of in-line meter) will have a maximum current that they can safely carry and such meters usually have a short-circuit current rating. For safe operation, the short-circuit current rating has to be higher than the maximum short-circuit current that could occur at a given installation location.

eGauge EG3xxx and EG4xxx meters are not inline-meters and as such do not have a short-circuit current rating. Instead, the CT sensors of the eGauge meters clamp around existing wires, so as long as those wire have suitable current rating, the installation will be safe.

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Please visit [kb.egauge.net](http://kb.egauge.net) for the most up-to-date documentation.