

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.

Please visit kb.egauge.net for the most up-to-date documentation.