

Ratings, certifications, etc

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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.

Certification Documents

The EG4xxx declares the following certifications. Conformity documents are provided, individual's names and signatures have been redacted for privacy.

IEC/UL 61010-1 Ed. 3.0 B:2010
UL Category FTRZ

The UL file number for eGauge is E495717. This certification can be found via the live UL website. At the time of writing this is located at iq.ulprospector.com. A free account is required to perform searches. Search for the UL file number or "eGauge" for the UL certification confirmation.

IEC 61000-6-1 Ed. 3.0 B:2016, IEC 61000-6-3 Ed. 2.1 B:2011

The IEC and CE conformity statement may be downloaded [here](#) or from the sidebar on the left (CE-DoC.pdf).

FCC Title 47 CFR Part 15-Subpart B Class B, ICES-003 Information Technology Equipment Class B

The FCC and ICES verification document may be downloaded [here](#) or from the sidebar on the left (fcc.pdf).

ANSI C12.1, ANSI C12.20 (0.5%)

The ANSI Accuracy results document may be downloaded [here](#) or from the sidebar on the left (EG4xxx-ANSI-cert.pdf)

LEED Credits for Submetering

See [attached document](#) for information LEED v4 credits that are applicable to the eGauge and metering.