

Technical Paper

The CE Mark and Enclosures



What is the CE Mark?

The **CE Mark** is a requirement for products sold to the European Market. The **CE Mark** identifies a product as complying with the health and safety requirements spelled out in the European legislation (Directives) and is mandatory for equipment operating in the European Union (EU). Once the **CE Mark** is properly affixed on your product, it can circulate freely throughout the European Union countries.

The **CE Mark** does not reflect any level of quality or any particular forms of testing or certification. It should not be confused with third-party certification marks like CSA, UL, or IPxx. The appearance of the **CE Mark** on a product simply enables the product to be placed on the market within the EU. And it gives confidence to the member national administrations that essential requirements of relevant directives have been met.

Empty Enclosures are not Affected:

There are no Directives relating to the empty enclosure. Thus, Steeline Enclosures cannot CE Mark or label an empty enclosure. However, when electrical products or other electronic components are added to be used as a complete system (defined as a "Machine" in the new Approach Directives), CE Mark and labeling of the complete system may be required. The most common directives are most likely to apply:

- Machinery Directive
- Low-voltage Directive
- EMC Directive

Each contains its own specific requirements generally concerning design, manufacturing, intended use, test reports, technical documentation, along with supporting schematics and diagrams.

Summary:

Electrical related products that cannot function independently do not need to be labeled. However, upon request, Steeline can support and supply documentation in reference to product that are to be used and labeled with a CE Mark.