

# Relevance of EMC directive 2004/108/EC to control panels

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- Association with EN 61439-1 for control panels



## Area of application

### Basic information on the EMC directive

- The EMCD covers how *devices have to function together in a particular environment*
- The EMCD *does not cover safety and hazards* (e.g. with regard to people)
- The EMCD only covers equipment and *not fields and their consequences*; e.g. for people

**Note: The EMC directive as an individual directive is not safety-related.**

## Area of application

### The EMC directive in relation to control panels

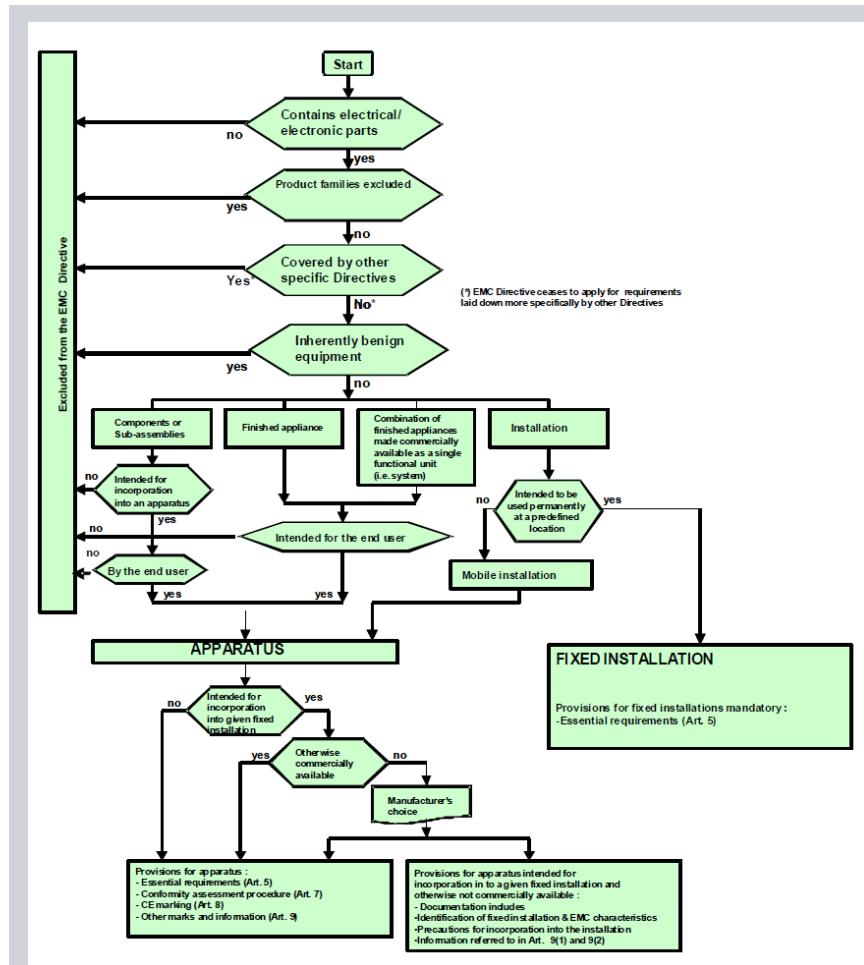
**Fixed installations:** are a combination of devices and additional apparatus. These are connected or installed to be permanently operated in a particular location

#### Note: for fixed installations:

- no CE marking and no EC Declaration of Conformity are necessary (if commercially requested then it becomes a customer request)
- the appointing of a "responsible party" is necessary

- The ***control panel is a component for a fixed installation***
- Formalism does not have to be observed
- CE marking and EC Declaration of Conformity are not required
- The ***requirements of the EMC directive however are relevant – and thus so are the standards***

# Flow chart for selection as per the EMC directive



Fixed installations: ***no separate***

- CE marking
- EC Declaration of Conformity in the sense of the EMCD ***are necessary!***

**Source:** Guide to EMC directive 2004/108/EC

Relationship to the fundamental requirements of EC directive 2004/108/EC [\[EMC directive\]](#)

This European standard was created under a mandate issued by the European Commission and the European Free Trade Association to CENELEC. ***This European standard covers all the relevant basic requirements within its area of application that are contained within article 1 of the annex of EC directive 2004/108/EC [\[the EMC directive\]](#).***

***Compliance with this standard is an opportunity to declare conformity with the defined basic requirements of the EC directive(s) concerned.***

**WARNING:**

Additional requirements and further EC directives may apply to products that fall under this standard's area of application.

## Any questions?



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