



## BUSINESS PLAN

CENELEC/TC or SC <b>TC 72</b>	Secretariat <b>United Kingdom</b>	Date <b>January 2019</b>
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**TC title: (Automatic electrical controls)**

### A Background

IEC/TC 72 was established to fill the needs for international safety standards for automatic controls for use in household appliances and similar equipment. CLC/TC 72 shadows IEC/TC 72 and adopts the EN 60730 series either identically or with Common Modifications.

CLC/TC 72 has proceeded with an effective program which has published IEC 60730-1, Part 1: General requirements, which is now in Edition 5(2013). In addition, TC 72 has published -fifteen Part 2 standards.

### B Business Environment

#### B.1 General

Following are several aspects of the business environment which influence the work of TC 72:

- the changeover to alternative refrigerants (external influence);
- electrical, EMC, functional safety and mechanical aspects;
- push for low cost, simple international standards;
- the shorter life cycle of products.

#### B.2 Market demand

Market forces impacting TC72's work include:

- the changeover to alternative refrigerants (external influence);
- electrical, electromagnetic compatibility, functional safety and mechanical aspects;
- push for low cost, simple International Standards;
- the shorter life cycle of products;
- Smart Grid (connecting the customer applications).

#### B.3 Trends in technology

Market forces impacting TC72's work include:

- the changeover to alternative refrigerants (external influence);
- electrical, electromagnetic compatibility, functional safety and mechanical aspects;
- push for low cost, simple International Standards;
- the shorter life cycle of products;
- Smart Grid (connecting the customer applications).

#### B.4 Market trends

There is a push by the marketplace/industry to get "world-wide" accepted standards. The customers for the standards developed by TC 72 are the control and system manufacturers, the test houses, and original equipment manufacturers (OEMs).

#### B.5 Ecological environment

IEC/TC 72 is considering potential toxicity concerns for the ecological environment.

**B.6 Involvement of societal stakeholders**

TC 72 representation is principally from manufacturers and test and certification bodies.

**B.7 Involvement of SMEs**

SMEs are represented through trade associations' members of NCs.

**C System approach aspects (mirrors IEC/TC 72)**

Component committees (CLC/TC 72 as customer)	CLC/SR 23J	Switches for appliances
	CLC/SR 32C	Miniature fuses
Other system Committees (CLC/TC 72 as supplier)	CLC/TC 61	Safety of household and similar electrical appliances
	CLC/SR 61C	Household appliances for refrigeration
	IEC/TC 61/MT23	Functional safety related aspects of electronic circuits, remote control of household appliances and insulation co-ordination
	CLC/SR 116	Safety of hand-held motor-operated electric tools
	CLC/TC 205	Home and Building Electronics Systems (HBES)
Other committees	CLC/SR 65A	Industrial-process measurement, control and automation: System aspects
	CEN/TC 58	Control and protective devices for gas and oil burners and gas and oil burning appliances

**D Objectives and strategies (3 to 5 years)**

- Timely EN adoptions of IEC/TC 72 publications.
- Ensure continual review of actual implementations of ENs.
- Feedback of European requirements to IEC/TC 72 taking into account EU directives.
- Encouraging active participation of CENELEC members.

**E Action plan**

All in D are ongoing.

**F Useful links to CENELEC web site**

TC home page giving access to Membership, TC/SC Officers, Scope, Publications, Work programme [password-protected area].

[https://www.cenelec.eu/dyn/www/f?p=104:7:169327077029101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1257165,25](https://www.cenelec.eu/dyn/www/f?p=104:7:169327077029101:::FSP_ORG_ID,FSP_LANG_ID:1257165,25)

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