



BUSINESS PLAN

CENELEC/TC or SC TC 72	Secretariat United Kingdom	Date January 2019
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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

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