

Our first thermostat housings were used to protect rod thermostats mounted in boilers.

This new 2012 range is the result of more than 60 years of technical and regulation evolution, and of communication with electro-thermal product users. While designing it, recognizing the growing importance in the cost of labor for assembly and installation, we gave priority to simplifying installation, reducing the customer stock, and to the maximum time reduction of mounting and installation. This new range has been designed to exactly meet demand applications, including single or small series, in electric heating, emphasizing ease of use, durability and compliance with safety rules, and ensuring mounting and installation minimized times. Common problems encountered during assembly and installation were identified and solved during the design. Despite the many possible versions, the stock of components required to meet all applications is kept to a minimum.

The same control box can be used in all applications, without the need for electrical modification or drilling. A simple screwdriver is necessary to assemble hundreds of possible versions.



Integrated manufacturing

All of these housings and cabinets is done in our factories, from carefully selected and controlled technical raw materials. Thermoplastic molding, elastomer and silicone thermosetting or molding, molding of metal parts, cutting, stamping, laser and TIG welding, a.s.o., everything is integrated...and controlled. ISO9001-2008 and ISO14001-2004 certified manufacturing.

Standards

Manufacturing standards applicable to these components were taken into account and our specifications often exceed the normative values. These components are intended to be incorporated into equipment and machineries. The final standards for such components mounted in these machineries and equipment are to be determined by the integrators. Under the European directive (2006/42/EC) applicable to Machinery, a machine can be put into service only if it has been brought into line with European Standards.

Main European Standards for Machinery are Standards EN61508, EN13849-1, EN62061.

In addition to Standards for Machinery, may be subjected to Standards for Household Appliances (EN60335-xx), according to their applications.

EMC (European Directive CEM89/336/CEE): components and devices of this catalog which may be affected by this Directive have been tested. However, the conformity of a component does not necessarily determine the compliance of all in which it is mounted.

Electrical voltage: value and tolerances

Since 1983, to unify the voltages 220V and 240V which coexisted in different countries, the European Standard IEC 38 (sixth edition) has standardized the voltages in Europe as follows: 3x230V/400V, 50 Hz. It also defined a + / -10% tolerance over this voltage from 2003. Except in special cases, the below listed products are designed to operate within these ranges.

Cable glands

The cable glands used in this range comply with EN 50262 standard, applicable since March 2001, with metric threads.