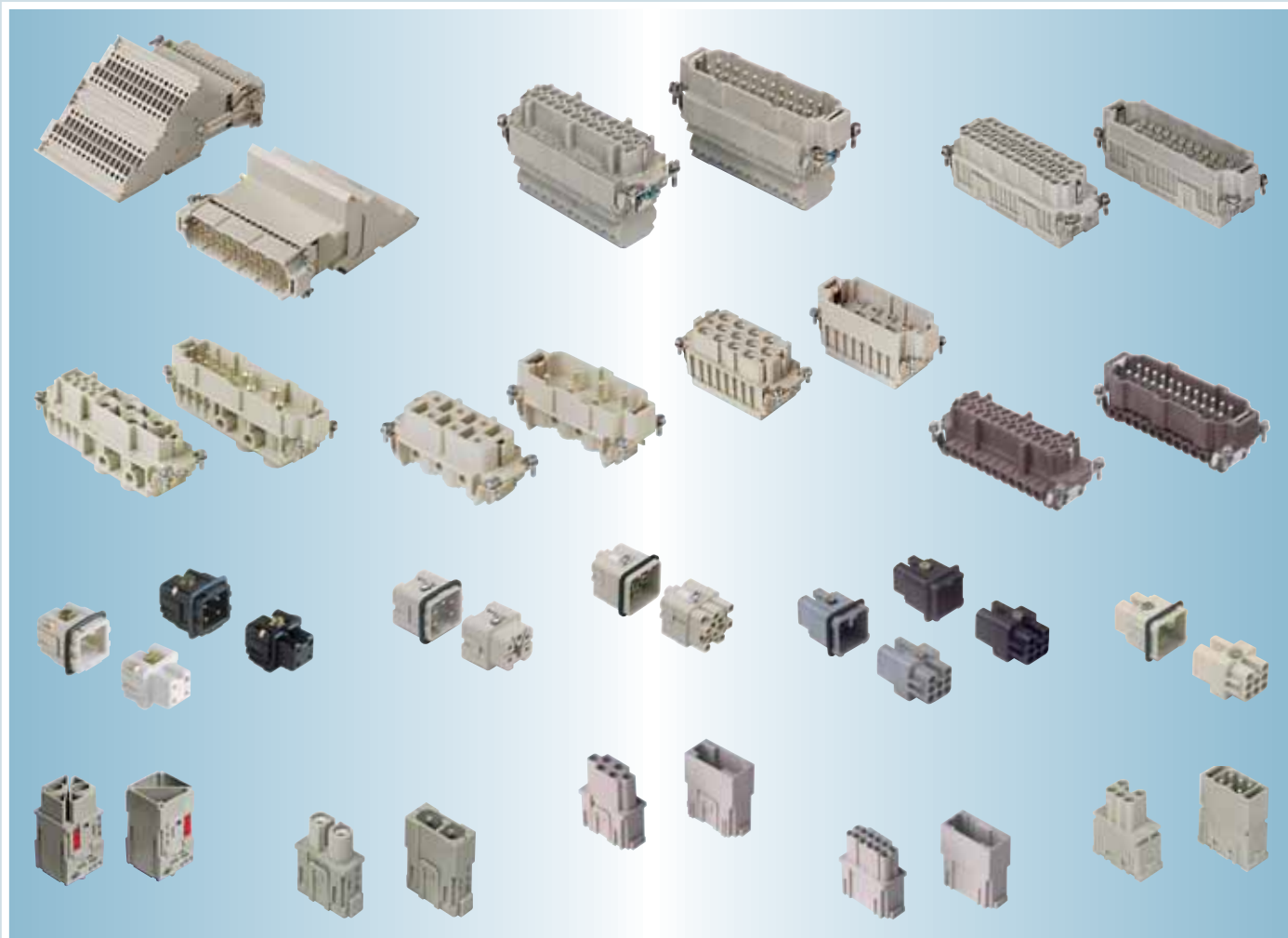


Inserts

The inserts are made of self-extinguishing thermoplastic resin UL 94 V0, normally used for applications in a maximum ambience temperature of 125 °C. The special versions for use with a maximum ambience temperature of 180 °C are made of PPS. Different conductor connection techniques are available: screw connections, crimp connections, or flexible spring connections. The contacts are in silver or gold plated brass. The inserts are numbered on both sides by laser printing or moulded.

There is a large number of versions of inserts selected on the basis of the rated voltage (from 50V to 5000V), the rated current (from 10A to 100A max), the number of poles, the different load combinations required (power and signal poles within the same insert).

The inserts are approved in conformance with the major conformity marks including .



The RoHS (2002/95/EC) and RAEE (2002/96/EC) Directives

- The **RoHS 2002/95/EC** Directive bans the use of some harmful substances used in new electrical and electronic equipment commercially available from the 1st of July 2006 (the exceptions for some applications are enclosed in the Directive Enclosure and in some later decisions made by the EU Commission 1)). The banned and/or restricted substances are: **Lead, Mercury, Cadmium, Hexavalent Chromium, Poly-Brominated By-Phenyls and Poly-Brominated Dy-Phenyl Ethers (PBB and PBDE** respectively, fire retardant substances for thermoplastic materials).

- The **RAEE 2002/96/EC** Directive (with its later amendment 2003/108/EC) aims to recycle and reduce the waste produced by electrical and electronic equipment. It also promotes recycling and reusing such technological waste and establishes ambitious recovery rate targets, which vary according to the types of products involved. The manufacturers or their agents in the EU must ensure that the equipment sold after the 13th of August 2005 listed in the Enclosure I A and illustrated in the Enclosure I B of this Directive is collected, treated and recycled (the deadline varies from country to country. In Italy, the deadline has been postponed to 31/12/2007, awaiting for approval by the required executive Ministerial Decrees).

As a manufacturer of electrical equipment and components for industrial use, I.L.M.E. acknowledges the regulations introduced by these Directives. The above mentioned Directives are already effective in almost all EU countries. For the products described in this Catalogue, although the usage restriction of the above mentioned hazardous substances is not legally applicable (none of our product does in fact belong to any of the categories described and illustrated in the RoHS and RAEE Directives), the **“RoHS compliance”** may become important and many of our customers may require its compliance. We have therefore carried out the corrective actions, which have led to the **“RoHS compliance”** of all our products, wherever required. **I.L.M.E. products sold after the 1st of July 2006 do not contain any of the restricted substances in higher concentration than those allowed by the RoHS directive and by the later associated Decisions taken by the EU Commission.**

1) At the time of publication of this Catalogue, the following EU Commission Decisions were available: 2005/618/EC, of 18 August 2005, 2005/717/EC, of 13 October 2005, 2005/747/EC, of 21 October 2005, 2006/310/EC, of 21 April 2006, 2006/690/EC, 2006/691/EC, 2006/692/EC, of 12 October 2006.

The heavy duty multipole connectors for industrial purposes are used in electric and electronic machinery, control units, electric panels, control equipment and wherever connections are required for power and signalling circuits. (N.B. the connectors must not be handled live).

The connectors are in conformance with the standard DIN VDE 0627 (European standard IEC 61984) and where applicable, to the standard DIN 43652 (European standard EN 175301-801 developed by CENELEC TC48B).