



Saves Your Energy

Enclosing solutions for the building automation industry

We are professionals in providing customer-specific enclosing solutions targeted at demanding environments. We have created a range of applications for the building automation industry. We are familiar with your segment and able to offer you technical solutions meeting your needs.

We work closely with standardizing and testing bodies, with certifying products according to customer needs. Our solutions typically have a high degree of protection. ATEX and EMC shielded solutions are available on request.

Standard enclosures

Our standard product offering includes a wide range of poly-carbonate, polyester, aluminium and steel enclosures and cabinets. These are supported by a broad selection of innovative accessories suitable for applications requiring a high degree of protection.

Our thermoplastic enclosures have a modular tooling structure, enabling cost efficient mould modifications of any side of the enclosure. The polycarbonate used has excellent impact, fire and UV radiation resistance and it is self-extinguishing and halogen free. The material also has the UL Plastic Recognition Yellow Card.

Our steel enclosures, in turn, are available with customer-specific dimensioning also in small volumes at competitive prices.

In addition to the enclosing solutions, we design and manufacture electrical terminals and load break switches used by global clientele.

Some reasons for choosing us as your supplier

- Experienced design department
- Innovative personnel with technical expertise
- Specialists in injection moulded customer specific solutions
- A modular tooling structure for our standard thermoplastic enclosures, enabling cost-efficient mould modifications
- A large selection of high-quality components such as terminals
- Integration services
- Sourcing of third party components
- Reliable and flexible deliveries also possible in special packages

Ensto Cubo P panel building system, IP 65



The Ensto Cubo P base part is totally open in four directions, enabling fast and efficient mounting. All conductors, busbars etc. are installed without any threading side wards, plates and locking device are fitted at the final sta-

ge. The system is easy to modify and extend into larger assemblies. It also has a wide range of available accessories. All parts are reusable. Further information available in our Panel building system brochure.



Customised Ensto Cubo C enclosure furnished with our cable entry, terminals and load break switches.



Our standard offering includes also enclosed switches.

Customer-specific encasing solutions

Customised solutions
based on standard enclosures

Tailor-made solutions
based on customer's product projects

Customising services:

- Machining such as cutting, drilling and threading
- Printing e.g. company logos, operating instructions and symbols
- Manufacturing plastic enclosures from coloured plastic raw material
- Painting enclosures
- Assembling enclosures with components such as cable glands, connectors and keypads
- Quick prototyping
- Sourcing of third party components.

Tailor-making services:

- Project coordination
- Design and product development by technical experts
- Feasibility studies
- Rapid modelling and prototyping
- 3D modelling and technical documentation
- Injection mould sourcing and mould maintenance
- Production and delivery ramp-up
- Assembly and related testing and certification
- Quality documentation and coordinating audits.

Our service offering

Our service offering includes the customisation of standard enclosures and the tailor-making of totally new enclosure solutions on the basis of customers' needs. We also offer assembly services as well as the sourcing of third party components.

We are experts in product design and development and offer totally tailor-made solutions, including smooth technical documentation, 3D modelling and quick prototyping.

Our capabilities

We have sound knowledge of a wide range of materials and their chemical resistance. Material selections are always made together with our customers to optimize the manufacturability and technical performance.

We have modern production facilities with the latest robot technology in Estonia and Finland.

Reference cases of customer-specific encasing solutions



Pemco uses both our customized painted mild steel enclosures and customized Ensto Cubo D polycarbonate enclosures in their PMCS water coolers. These next-generation cooling systems have been designed for the cooling needs of industrial processes and air conditioning.



Our Ensto Cubo G junction box was originally developed to meet the needs of our customer Autronica Fire and Security (AFS) who uses these boxes in fire alarm and control systems mainly targeted at maritime and oil and gas industries, in different parts of the world.



A customer-specific steel enclosure solution made for the battery manufacturer, Finnish Electric Vehicle Technologies. The new generation lithium ion battery solution is used in demanding hospital environments.



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