



## ENCLOSURE TECHNOLOGY



Partnered with Bopla GmbH, A Phoenix Mecano Company

# ALUMAS

## Desktop and wall enclosure in a grand design

Clear, sophisticated lines characterize this enclosure, which is made of extruded press profiles. It is available in three depths ( 120, 180 and 240 mm ), and the use of aluminium provides good EMC protection. The profile construction ensures that the height and width of the enclosure can be adapted to meet individual needs

Alumas - an effective, high-quality enclosure for electronic equipment in every sector of industry.

Wall brackets, wall angle brackets, a handle and setup feet in four colours are available as accessories.



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## BOCARD

### The new concept for applications in measurement, control and automatic control technology.

The design-orientated BOCARD enclosure system is available in 3 basic sizes. For each size, 2 bases with different heights can be combined with 5 different lid variants. This range of combinations ensures that the enclosure is suitable for an extremely wide range of applications. An additional important feature of BOCARD is the variable terminal compartment, which is an integral part of the design. The terminal compartment can be kept separate from the electronics compartment by means of dividing panels.

The enclosure with a clear hinged lid or membrane lid provides ingress protection IP 65; all other types provide ingress protection IP 40.



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## BOTEGO

BOTEGO, BOPLA's enclosure system, sets new standards in enclosure technology. Thanks to its design, the enclosure, consisting of two plastic half-shells, can be inserted either horizontally or vertically. Extension sets permit optimal adaptation to the relevant space requirements. The snap-lock technology, which considerably reduces the amount of mounting time and work needed, is a new technological development. With BOTEGO, every user can create his or her own individual design



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## BOVISTA



Bovista is the development of a individually adaptable enclosure for use in building automation systems and many other fields of electronics. Three basic sizes, each in white and grey, are available. The enclosure base can be supplied with or without ventilation. In each case, eight different lid types, with different sizes and shapes, can be fitted to the base. In addition to a smooth design, the customer can choose between lids with a membrane keypad area, design front or a hinged lid. To fit the lid, simply snap it onto the base; the constructional design allows for horizontal or vertical fitting. The enclosure can be fitted to the wall by means of the integrated keyholes in the base or by the snap-on wall fitting plate. In addition, as standard this plate has two cut-outs so that the enclosure can be used in combination with flush-mounted sockets. In addition to printed surfaces and mechanical processing, ( e.g. for display cut-outs), BOPLA also offers customerspecific membrane keypads.

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## COMBINORM - COMPACT

A combination of an enclosure shell and an enclosure lid of your choice, this 35 mm rail enclosure made of flame-resistant polyamide UL 94 V0 guarantees optimal PCB utilization because the unit PCB is inserted from the side. The orthogonal shape of the soldering pins makes it possible to mount the terminals with the components in one soldering process!

The enclosure shells are available with/without a terminal trim or air vents, the enclosure lids with/without terminal trim. Thanks to the special snap trim, the latching of the shell and lid can take place on automated machines. The patented rail snap foot on the enclosure shells is in a “parked” position when open; it releases automatically when placed on the rail and locks the enclosure.



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## ELEGANT

This small enclosure series with its many different variations provides optimal protection for your electronic products. With or without ventilation, design covers, front panels made of aluminium or plastic. These range from desktop, hand-held or wall enclosures to console-type models .

### Features :

Easy PCB mounting; easy machining of removable front panels.



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# ELEMENT

## The electronic enclosure

The advantage of using the Element enclosure system for your electronic products is that components can be fitted quickly and easily through the side-opening of the base. This makes it easy to access your electronic components for servicing purposes. Front membranes and membrane keyboards using your special layout are available in the lid surface ( 1 mm recess ) of enclosure. Mounting bosses for self-tapping screws are provided in the base for fitting components, PCBs or mounting plates.



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# ELETEC

## The multi-purpose and inexpensive connector enclosure system.

Eletec - the functional, low-cost plug or socket enclosure system. Eight basic dimensions are available. This enclosure programme comprises six country-specific plugs and four different sockets. Because of their compactness and the integrated cable inlets, some series of enclosures are especially suitable for use as transformer mains power units.



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## EUROMAS ALUMINUM

IP 66 and the exceptionally high stress-resistant qualities of aluminium make this an ideal enclosure line when optimal protection is required. 43 different enclosure dimensions and a series of accessories provide the best-possible solutions for a wide range of applications. On request, the enclosures are available in special colours, or uncoated. If you require extremely high protection, the enclosures can be fitted with special EMC screening, or coated with special sea-water resistant lacquer. When fitted with hinges and locks, the enclosures are suitable for use as small, sturdy cabinets. Different lock and hinge systems are available for this purpose. All Euromas aluminium enclosures are UL-listed.



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## EUROMAS PC ABS

Material shrinkage may result in ABS enclosures being approx. 0,1 - 0,25% larger than the PC enclosures illustrated.



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## UNINORM

### The proven plastic panel mounting enclosure system to DIN 43700, easy assembly

The 36 different designs for this DIN IEC 61554 control panel mounting enclosure mean that the user always has the right size for his electronic components. Spring or screw clamps permit fitting in the control panel or switch cabinet to meet your exact requirements. The clear rubber front covers ( available as accessories ) protect the front elements up to ingress protection category IP 65.

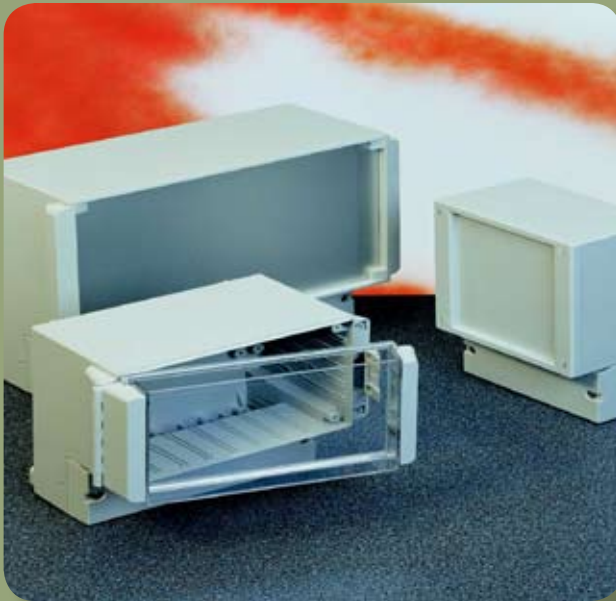
Spring, screw-on or standard holding clasps can be used for enclosure mounting on all four enclosure sides.



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## REGLO CARD

### Universal control enclosure in a trendsetting design



The wide range of items in this wall enclosure system for use in measurement and control applications is available in 8 basic sizes, each with 6 different designs. To permit the insertion of mounting plates and PCBs, all designs have vertical and horizontal grooves which ensure optimal unit assembly. The terminal compartment can be separated from the actual electronics area by means of integrated grooves which separating plates. In addition, extra protection is possible by using lead seals in the standard through holes.

As required, the enclosure can be mounted on the wall (with the terminal compartment upwards or downwards) by means of the integrated three-point wall fitting.

Depending on the design, the enclosures are fitted with PG rated knock outs or metric rated knock outs.

### Features :

Large, sealable terminal compartment. New robust hinge technology, hinge side variable, snap lock can be lead-sealed.

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