

Nonmetallic, non-corrosive
Fiberglass & Polycarbonate
Enclosure Solutions engineered for

AUTOMATION Technologies



Programmable Controllers Drives
Circuit Protection (AC & DC)
Motion Control Monitoring
(Remote, Real Time & Control)

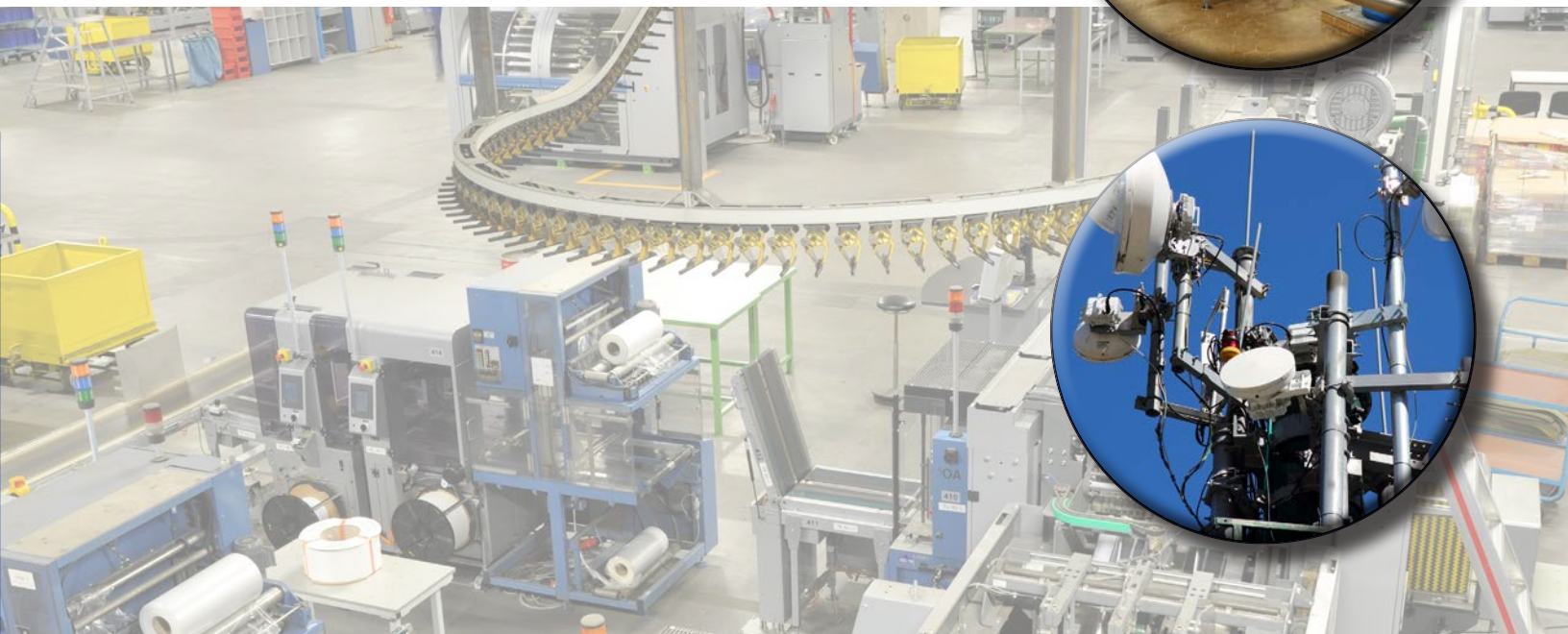


Power Transmission Field I/O
Valves (controllers) Communications
Switches/Indicators Pushbuttons



Pump Systems Sensors/
Encoders Relays / Timers
Enclosures Motor Controls

Process Control & Measurement Motion
Operator Interfaces Soft Control
Touch Panels Starters Pneumatics



Industrial process control applications – including automotive assembly, food processing, oil refining and many more – require solutions to the growing demand for feature-rich, high performance, reliable control panels. It is imperative to protect the system controls for asset management, building control, measurement, and programmable automation.



AM Pushbutton Series

Just as important as the controls to these systems are the enclosures protecting them. Without a reliable electrical enclosure, panels would not be able to withstand harsh environmental conditions.

Allied Moulded fiberglass and polycarbonate enclosures deliver high performance compared to other nonmetallic enclosures. Our fiberglass enclosures provide superior protection properties against chemicals such as strong alkalis, organic acids, and ultraviolet rays. Allied Moulded’s fiberglass enclosures resist extremes in temperature and are flame retardant resulting in a very capable product for indoor or outdoor applications. Fiberglass reinforced polyester also exhibits excellent rigid/stiffness characteristics allowing the enclosures to be well suited for conduit installation through their walls.

Allied Moulded offers a full line of corrosion and UV resistant NEMA Type 4X nonmetallic (fiberglass and polycarbonate) enclosures for indoor or outdoor industrial applications. The full product line includes small push-button-type enclosures up to freestanding cabinets, with sizes ranging from 6x6x4 inches up to 72x49x25 inches, plus premium accessories!

Features that Make a Difference

Allied Moulded’s nonmetallic enclosures serve hundreds of industrial applications all over the world. We offer a wide range of styles, sizes and factory modifications to meet all your critical requirements, from pump control to instrumentation applications. Allied Moulded’s enclosures provide the equipment protection and environmental resistance (UV radiation, chemical, water, caustic, and so many more) you demand!

- Non-corrosive
- Non-conductive
- Temperature resistant
- Fire resistant
- Lightweight
- Many mounting configurations
- 316 stainless steel hardware
- Continuous hinge
- Dependable gasket sealing systems
- Clear covers (polycarbonate)
- Viewing windows
- UL Listed
- CSA Certified
- Compliant with RoHS directive



Hinged Front Panel & Back Panel Installed in an Enclosure



Pole Mount Kits



ULTRAPLUG® Hole Plug Assemblies



AM-R Raised Cover JIC Series



Enclosure Modifications

If you need a custom modification for an enclosure, Allied Moulded will work with you every step of the way to get it just the way you want it. From engineering consultation to protective packaging to post-sale service, Allied Moulded is your Enclosure & Modification Specialist!



Custom Holes & Cutouts

With our custom cutout capabilities, we can modify and deliver product ready to fit your application needs. We can accommodate custom holes or cutouts in any quantity, size or shape, even at an angle. Our experienced engineers, trained staff and computer-controlled CNC manufacturing equipment will ensure that every customization is precision cut and finished to your specifications.

Silk Screening or Color Matching

Silkscreening is a practical, long-lasting solution for all kinds of enclosure identification needs. Use custom color-matching to make enclosures blend into an environment for better aesthetics, to stand out for improved safety or differentiate between systems, or to reflect your company colors.



EMI/RFI Shielding

Allied Moulded enclosures keep the elements at bay and protect against everything from dust to unauthorized users. However, sensitive or operation-critical controls can require extra protection. EMI/RFI shielding provides high-level protection against electromagnetic and radio frequency interference without affecting the appearance or operation of the enclosure.

Premium Accessories

Allied Moulded offers a variety of the most-often-requested enclosure accessory products. We take pride in the quality of each nonmetallic enclosure we manufacture and are committed to providing our panel builder customers additional accessories required to complete their innovative integrated systems. Accessories include:

- Back panels
- Hinged front panels
- Ventilator Kits
- Pull-type handles
- Pole mount kits
- Exhaust Filter Kits
- Keylock kits
- Print pockets
- Cord grips
- ULTRAPLUG® hole plug assemblies
- HMI (Human Machine Interface) window — **coming soon!**



*HMI Window
Coming Soon!*



AM-R Control Series



The Allied Moulded Advantage.

Allied Moulded Products, Inc. is the Contractor's Choice of nonmetallic electrical boxes and enclosures in today's residential, commercial and industrial markets. Leveraging more than half-a-century of experience, Allied has grown to become the benchmark of quality within the electrical industry. Our full-service molding operation includes expertise in compression and injection molding, using thermoset and thermoplastic materials, as well as our unique resin transfer molding process. Utilizing a modern, automated assembly process, we are pleased to provide our customers with a superior product at a competitive price. Our unrelenting focus on service, delivery, value, innovation and technology in everything we make and do, has made us who we are today.

Allied Moulded offers a full range of residential and manufactured housing products, including: fiberglassBOX™, SLIDERBOX®, flexBOX®, ceiling boxes, fan-rated boxes, vapor seal boxes, range/dryer receptacle boxes, floor boxes, lampholders, luminaires, and other products. Designed with both the electrical professional and the do-it-yourself home owner in mind, our products have earned a reputation for strength, rigidity and innovation.

Allied Moulded's industrial enclosures can be found all over the world in many different control applications such as industrial & manufacturing plants, waste water treatment, wind turbines, security, SCADA, solar, marinas, data & telecommunications, mining, and more. Allied's extensive line of NEMA type 4X/IP66 fiberglass reinforced polyester (FRP) enclosures, made with our proprietary ULTRAGUARD® resin formulation, outperform our competitors in the areas of: yellowing, gloss retention, discoloration and change in texture.

With a wide range of sizes, accessories and customizations available, Allied offers a complete solution to your industrial enclosure needs. In addition to fiberglass, Allied also offers our POLYLINE® series, a line of polycarbonate, injection-molded enclosures.

Allied Moulded's products are marketed in the U.S. primarily through an extensive network of professional manufacturer's reps, all specialists and experts in electrical boxes and enclosures. In addition, our residential line is available through leading home improvement and hardware retail chains. Allied has expanded our global reach, with the addition of Allied Moulded Enclosure Products (India) Pvt Ltd. This new 40,000-square-foot manufacturing facility produces our Industrial line J.I.C. (Joint Industrial Council) and Empire enclosures, for the India and Middle East markets.

Allied Moulded partners with PTI Inc. in Point Pleasant, WV, a custom molder of thermoplastic and thermoset products as well as Fountain City Machining Inc. in Bryan, OH, a manufacturer of molds and stamped metal products.



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