HAMMOND MANUFACTURING ™

Industrial & Commercial Electrical Enclosure Overview

Industrial Enclosures
Corrosion Resistant Enclosures
Disconnect Enclosures
Modular Freestanding Enclosures
Operator Interface Enclosures
Wireway & Trough
Commercial Enclosures
Climate Control
Accessories

Broad Product Selection
…Product solutions for virtually any application

Our comprehensive 500 plus page E5 catalog details our extensive offering of standard industrial products - open the flaps of this brochure for an overview by product group.

When a standard enclosure isn't exactly what you need, Hammond offers various modification options.

Here's some of what you can expect:

- Industrial Type 12, 4, and 4x enclosures
- UL and CSA product approvals
- Various construction materials - mild steel, 304 stainless steel, 316 stainless steel, aluminum and polyester
- Sizes ranging from the smallest junction box to the largest multi-door freestanding enclosure
- Modification Services program which includes cutouts, size changes, custom paint finishes, etc.

www.hammfg.com
A library of enclosure specification tools available instantly.

The web provides yet another option in collecting product information. Our website is kept current to ensure you have the most accurate information. Visit **www.hammfg.com** regularly as it's being continually enhanced to add more useful functionality.

Our Website Features Include:
- Our E5 catalog available in PDF format
- CAD drawings are available in DXF Format
- Complete listing of North American distributors
- Online literature download and request forms
- Downloadable competitor cross reference
- Current price lists in both Excel and PDF formats

Industrial Enclosures

Our line of industrial enclosures covers a broad spectrum of design needs - clamped covers, ¼ turn latch covers, window doors, dual access, panel mounting, DIN rail mounting, 19" rack mounting, etc.

From small junction boxes to 5 door freestanding enclosures, we have your size. Most designs are also available in both indoor (NEMA 12) and outdoor (NEMA 4) versions.

Product Highlights

- NEMA 12 and NEMA 4 mild steel
- **Junction Boxes/JIC Enclosures** - over 30 sizes - traditional clamped covers, screw covers.
- **Wallmounts** - over 110 sizes - traditional clamped covers, modern ¼ turn doors, double doors, sloped top enclosures.
- **Floormount** - over 20 sizes - double doors with handles, double doors clamped.
- **Freestanding** - over 30 sizes - 1 to 5 door versions, single and dual access.

1414 NEMA 4 PH Enclosure

Eclipse Single Door Enclosure

1422 Floormount Enclosure

1418 Freestanding Enclosure

*The **Eclipse Junior Series**, features a crisp, modern design. The EJ provides an efficient quarter turn latch system; an easy-ground galvanized back panel and an FTC style lip for superior protection against flowing liquids.*
*The **EJ** is conveniently offered with a combined Type 12 and 4 rating.*

Corrosion Resistant Enclosures

When environments get harsh, enclosures must be even more durable. The Hammond line of NEMA 4X enclosures features numerous construction materials to suit varying corrosion resistance needs. Materials used include stainless steel, aluminum and fiberglass reinforced polyester.

Product Highlights

- NEMA 4X
- 304 Stainless Steel - over 250 SKU's - junction boxes, wallmounts, floormount and freestanding
- 316 Stainless Steel - over 150 SKU's - junction boxes, wallmounts and freestanding
- Fiberglass Reinforced Polyester - over 500 SKU's - Junction Box/instrument cases, JIC boxes, wallmounts
- Aluminum - over 20 SKU's - junction boxes, wallmounts
- Aluminum Die cast - over 70 SKU's - Junction box/instrument cases

1590 Diecast Aluminum Enclosures

1414 NEMA 4X Stainless Steel Enclosure

Eclipse Stainless Steel Enclosure

PJ Raised Lid Polyester Enclosure

Did you know?

Choosing the appropriate construction material is important, as the NEMA 4X rating is not a guarantee to corrosion resistance in all circumstances. Acids, alkalis and solvents react differently to different materials. With our wide and varied offering, Hammond can help guide you to the proper selection.

Disconnect Enclosures

Disconnect enclosures feature cutouts for compatibility with flange mount disconnect switches and circuit breaker operators. Our units are compatible with ABB, Allen-Bradley, C-H Westinghouse, GE, ITE and Square D.

Product Highlights

- NEMA 12, NEMA 4 and NEMA 4X
- **Wallmount** - Allen Bradley 1494V compatible version, multi-vendor version
- **Floormount** - standard and center post cutout in multi vendor versions
- **Freestanding** - 1-5 door heavy duty and modular systems in multi vendor versions

EN4DSC Single Door Disconnect Enclosure

2UD Double Door Disconnect Enclosures

UHD Heavy Duty Disconnect Enclosures

Modular Freestanding Enclosures

The flexibility of our modular freestanding enclosure system permits stand-alone use or multiple applications to be combined in one continuously joined system. Hammond systems come preconfigured for easy ordering and without costly assembly.

Product Highlights

- NEMA 12
- **IME Series** - single door units with 3 heights, 4 widths and 4 depths
- **IMET Series** - double door unit
- **IFMD Series** - flange mount disconnect version
- **IPC Series** - industrial housing for CPU's, monitors, keyboards and peripherals

IME Single Door Enclosure

IMFD Disconnect Enclosure

IPC PC Enclosure

IME Means Value
The Hammond approach to modular freestanding enclosures is value. A fully assembled unit saves labor costs. We've also included value added features at no extra charge - locking handle, integral plinth, and base cover

Operator Interface Enclosures

This product group includes numerous enclosures to house components specifically designed for operator interface. Flexible options permit the design of an ergonomic workstation.

Product Highlights

- **Consoles** - NEMA 12, 4 and 4X - sloped consoles, modular systems, data terminal stations
- **Suspension Systems** - enclosures, light to heavy duty swing arms
- **Pushbutton Enclosures** – mild steel, stainless steel and fiberglass reinforced polyester for both standard and 22mm pushbuttons

Series 2000 Consolet

1437 Pushbutton Enclosure

The TaraPlus suspension system will accommodate enclosures and equipment up to 110 lbs. With numerous fixed, rotating and tilting system components, the ideal configuration can be created for your application.
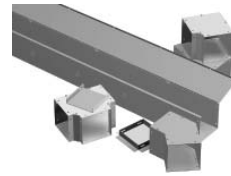
Wireway & Trough

To protect cabling projects like machine building and general plant wiring, Hammond offers a versatile system of sections, elbows, tee fittings and other components.

Product Highlights

- NEMA 1 and NEMA 12
- **Lay In Wireway** - 2.5x2.5", 4x4", 6x6", 8x8" and 12x6"
- **Pull Through Wireway** - 2.5x2.5", 4x4", 6x6" and 8x8"
- **Wiring Trough** - 2.5x2.5", 4x4" and 6x6" in 8 lengths

Type 1 Lay-In

1485 Wiring Trough

Commercial Enclosures

Where protection requirements are less severe, a commercial grade enclosure may be suitable. NEMA 1 are designed for indoor use and protect against incidental contact and a degree of falling dirt. Our full NEMA 3R line is ideal for many outdoor applications.

Product Highlights

- NEMA 1 Contractor - boxes, splitters, meter cabinets
- NEMA 1 Panel Enclosures - over 70 SKU's - wallmount and surface mount designs
- NEMA 3R Junction Boxes – over 50 SKU's
- NEMA 3R Panel Enclosures – over 40 SKU's

CSKO

C3RSC

N1J

Climate Control

As a key enclosure accessory, Hammond offers an extensive climate control package. An enclosure often houses heat-generating equipment. Left alone, heat build up can negatively affect an electrical/electronic system's overall performance and perhaps cause failure. Also, some enclosures are exposed to extreme ambient temperatures, both cold and hot, which need climate control.

Product Highlights

- **Cooling** - air conditioners (NEMA 12, 3R and 4X), fans, blowers and filter grills
- **Heating** - convection and forced air heaters
- **Controls and Ventilation** – thermostats, humidistats, breather kits

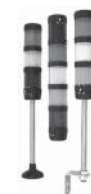Air Conditioners

Heaters

Thermostats

Enclosure Accessories

To ensure a complete product solution, a number of accessory alternatives are offered.

Product Highlights

- **Hardware** - clamps, handles, latches and screws
- **Hole plugs** - mild steel and stainless steel
- **Equipment Mounting** - inner panels, swing panels, swing frames, DIN rails
- **Power bars** - heavy duty industrial grade, 19" rack mount, vertical strips
- **Other** - signal lights, cabinet lighting, window kits, casters, paint, etc.

Handles

Stack Lights

Hole Plugs

Racks & Cabinets

Serving telecom/datacom and electronic applications, Hammond offers a wide variety of rack mount products and accessories built to EIA standards.

Product Highlights

- Pre-configured cabinets - networking, general purpose
- Contempra Series cabinets - commercial and Type 12 versions, over 40 sizes, welded frame, variety of door, top and side options, several stock colors
- REFK Series racks - economical knockdown unit, over 40 sizes, variety of door options, several stock colors
- Relay racks - aluminum and welded steel
- Table top - light and heavy duty cabinets, relay rack
- Wallmount cabinets - 3 piece swing out and open frame
- Cable management - horizontal and vertical
- Cooling products - fan tops, fan trays, blowers
- Rack mount accessories - blank panels, shelves, drawers

Extensive stock, and a rapid assembly, means you get your products fast.
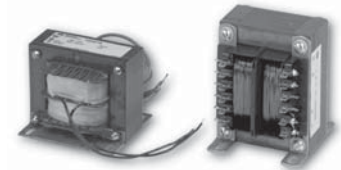
Electronic Products

Small Electronics Cases

- Plastic - general purpose, miniature, T cases, heavy duty, hand held, low profile, consoles, instrument cases, potting boxes
- Die cast Aluminum – general purpose, light duty watertight, heavy duty watertight, P.C. card guide
- Metal - rack mountable, instrument cases, utility, chassis, sloped console
- Excellent modification capabilities

Outlet Strips

- Metal outlet strips – Industrial grade, hospital grade, 15 or 20 Amp
- Rack mount power panels – front receptacles, rear receptacles
- Vertical outlet strips – multiple lengths, 15 or 20 amp
- Surge suppressors - 200-2000 Joules
- Other - international receptacles, plastic power bars, custom designs
- Custom designs

Electronic Transformers

- Power transformers
- Chokes and Reactors
- Audio Transformers
- Class 2 Energy Limiting Transformers
- Pulse Transformers
- Line Transformers