

Enclosures

MANUFACTURERS

Quantum Automation Represents

Saginaw	Rolled Steel & Stainless Steel
Wiegmann	Rolled Steel & Stainless Steel
Integra	Polycarbonate – Sizes From 6”H x 6”W x 4”D up to 24”H x 24”W x 10”D
Stahlin	Fiberglass – Up to 90”H x 72”W x 24”D for large hydraulic machines
Fibox	Fiberglass & Polycarbonate – European sizes up to 32”H x 24”W x 10”D
Cantex	Polycarbonate – Small, Thick, Rugged, used mostly for Electrical Power

NEMA TYPE INDUSTRIAL TYPES

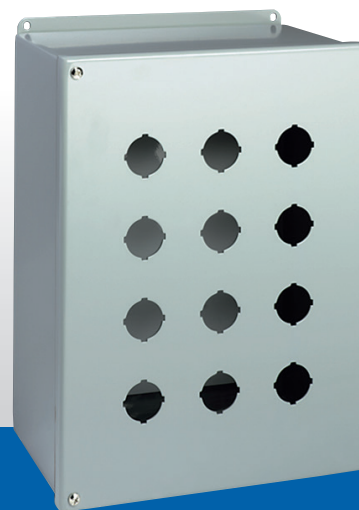
NEMA 4	Indoor/Outdoor – Drip-tight/dust-tight
NEMA 4X	Indoor/Outdoor – Water-tight/dust-tight
NEMA 12	Indoor – Drip tight/dust-tight
NEMA 3R	Outdoor – Dust-tight, rain-tight
NEMA 1	Indoor – General purpose

MATERIAL

Rolled Steel	NEMA 4, NEMA 12, NEMA 3R, NEMA 1
Stainless Steel	NEMA 4X
Polycarbonate	NEMA 4X
Fiberglass	NEMA 4X

BOX TYPES

Screw Cover	Mostly for Smaller Sizes
Hinged Cover	Mostly for Smaller Sizes
Hinged with Handle	For Easy of Entry and Security
Hinged with Handle and Disconnect	Usually Larger Sizes with 480V Disconnect Switches
Wall Mount	Most Common
Free Standing	Usually for Large Sizes
Pedestal	With or without a Pedestal Stand
Trough	Wiring Troughs are common on machines



OPTIONS

Color	ANSI61 Grey is the Industry Standard, but Rolled Steel can be custom painted; colored plastic pellets can change the color of the Polycarbonate Enclosures
Cutouts	Per CAD drawings, we can have holes and HMI cutouts done custom
Windows	Polycarbonate Windows can be positioned anywhere on the front door
Handles	Screw Cover, Latches, 3-point, Handles, with or without key, etc.
Back Panels	Steel, Stainless Steel, Aluminum, Polycarbonate – with or without CAD holes drilled
Lighting	LED lighting – usually on the inside top with manual switch or upon opening door
Media Pockets	Schematics and Wiring Diagrams – usually on the inside door
Labels	On the outside, inside, custom, you name it – What material type do you desire?
Mounting	Eye bolts, Floor Stands, Lifting Lugs, Angle Iron Mounting Feet, Wall Mount Kits, Casters
Bulkheads	Holes, Programming Ports, RJ45, RS232, RS422, M12, USB, etc.