

HEAD TO HEAD Enclosures

System Integration



| | 1 Fibox Enclosures | 2 Hoffman, A Pentair Co. | 3 Rittal Corp. | 4 Vynckier Enclosures |
|--|--|--|---|--|
| | <p>MXN enclosures provide protection for electronics operating in hostile environments. 240 standard size variations plus custom molds for high volume applications are offered. www.fiboxusa.com 888-342-6987</p> | <p>QLINE Type 4X enclosures house sensitive components in wet, dusty and/or corrosive environments where electromagnetic compatibility and/or system security is required. www.hoffmanonline.com 763-422-2211</p> | <p>PK Series of polycarbonate enclosures provide corrosion-proof packaging for any application where components require protection against dust and liquids. They can also be used in harsh industrial environments and for controls or electronic equipment. www.rittal-corp.com 800-477-4000</p> | <p>VM Series enclosures, with opaque cover and knockouts are made of corrosion resistant Valox, RAL 7035 color. There are molded internal bosses for back panel, mounting of components or DIN rail. www.enclosuresonline.com 713-374-7850</p> |
| Size Range | 240 standard, screw cover H x W-4" x 4" to 10" x 7". Depths range from 1.4" to 7" | 78 standard, screw cover H x W-3" x 5" to 10" x 7" Depth range from 2.6" to 5.6" | 47 standard, screw cover H x W-2" x 2" to 14" x 10" Depth range from 1.4" to 6.5" | 40 standard, screw cover H x W-3" x 5" to 7" x 7" Depth range from 3.0" to 6.0" |
| Ingress Rating | Type 1, 4, 4X, 6, 12 and 13 IP66/67 | Type 4, 4X, 6, 12 and 13 IP67 | Type 4X IP66 | Type 3, 3R, 4, 4X, 12 and 13 IP66 |
| Temperature Range (Continuous Operation) | -40 to 175 °F (Polycarbonate) -40 to 140 °F (ABS) | -31 to 180 °F (Polycarbonate) -4 to 125 °F (ABS) | -39 to 175 °F (Polycarbonate) | Up to 280 °F (Valox base/cover) -40 to 248 °F (Polycarbonate cover) |
| Transparent Covers | Yes. All sizes available with opaque or transparent covers. | Yes. All sizes available with opaque or transparent covers. | Yes. Most sizes available with opaque or transparent covers. | Yes. All sizes available with opaque or transparent covers. |
| Material Options | Polycarbonate or ABS Gasket-PUR, TPE and silicone | Polycarbonate or ABS Gasket-PUR | Polycarbonate Gasket-PUR | Valox or Polycarbonate Gasket-PUR |
| Knockouts | Yes. Standard Metric KO's available. | No | No | Yes. Standard 3/4" and 1" KO's available. |
| Accessories | Mounting panels, DIN rails, hinged inner panels, vents, hinges, mounting feet, glands, window kits and membrane keypad covers. | Mounting panels, DIN rails, hinges, mounting feet and brass inserts | Mounting panels, DIN rails, hinges, mounting brackets and twist lock fasteners. | Mounting panels, mounting feet, vents and window kits. |
| RoHS Compliant | Yes | By July 2006 | Yes | Not specified |
| Certifications | UL, cUL, FIMCO, DNV, Gost R | UL, cUL, CSA | Bureau Veritas | UL, CSA |
| Customization | Yes. Factory modifications by CNC or custom mold inserts. | Yes. Factory modification by CNC. | Yes. Factory modification by CNC. | Yes. Factory modification by CNC. |
| Custom Molding | Yes. Custom covers mated to standard MXN bases. Color and material options. | No custom molds. Yes custom colors | Not specified. | Yes custom logos. Yes custom colors. |

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