



FIBOX
Enclosing innovations



**Enclosure Program
Overview**



PC:

IP 66/IP 67

IK 08

UL Type 1, 4, 4X and 6

Complies with UL 508

UV-protected

MNX enclosures pioneered using 2 component molding technology for electrical enclosures. These enclosures are designed to house and protect electrical and electronic components in hostile environments. The MNX range now exceeds over 260 variations.

Dimensions inch

Polycarbonate

| | | | |
|-----------------|-----------------|-----------------|-------------------|
| 3.9 x 3.9 x 1.4 | 5.1 x 5.1 x 1.4 | 7.1 x 5.1 x 3.3 | 10.0 x 7.1 x 2.5 |
| 3.9 x 3.9 x 2.0 | 5.1 x 5.1 x 2.0 | 7.1 x 5.1 x 3.9 | 10.0 x 7.1 x 3.0 |
| 3.9 x 3.9 x 2.4 | 5.1 x 5.1 x 2.4 | 7.1 x 5.1 x 4.9 | 10.0 x 7.1 x 3.5 |
| 3.9 x 3.9 x 3.0 | 5.1 x 5.1 x 3.0 | 7.1 x 5.1 x 5.9 | 10.0 x 7.1 x 3.9 |
| | 5.1 x 5.1 x 3.9 | 7.1 x 5.1 x 6.9 | 10.0 x 7.1 x 4.9 |
| 5.1 x 3.1 x 1.4 | 5.1 x 5.1 x 4.9 | | 10.0 x 7.1 x 5.9 |
| 5.1 x 3.1 x 2.0 | | 7.1 x 7.1 x 2.4 | 10.0 x 7.1 x 6.9 |
| 5.1 x 3.1 x 2.4 | 7.1 x 5.1 x 1.4 | 7.1 x 7.1 x 3.0 | |
| 5.1 x 3.1 x 3.0 | 7.1 x 5.1 x 2.0 | 7.1 x 7.1 x 3.9 | 14.2 x 10.0 x 6.0 |
| 5.1 x 3.1 x 3.9 | 7.1 x 5.1 x 2.4 | 7.1 x 7.1 x 4.9 | |
| 5.1 x 3.1 x 4.9 | 7.1 x 5.1 x 3.0 | 7.1 x 7.1 x 5.9 | |

PICCOLO



PC:

IP 66/IP 67

IK 08

UL Type 1, 4, 4X, 6, 12 and 13

Complies with UL 508

UV-protected

ABS:

IP 66/IP 67

IK 07

NEMA 1, 4, 4X, 6, 12 and 13

UL 94HB

PICCOLO enclosures are designed to house push buttons, terminal blocks, motor starters and electronic devices. They are also ideal for mounting and protecting process control sensors and switches. The PICCOLO range is available in polycarbonate and ABS.

Dimensions inch

Polycarbonate/ABS

| | | |
|-----------------|-----------------|-----------------|
| 4.3 x 3.1 x 2.6 | 6.7 x 3.1 x 2.6 | 9.1 x 3.1 x 3.3 |
| 4.3 x 3.1 x 3.3 | 6.7 x 3.1 x 3.3 | 9.1 x 5.5 x 3.7 |
| 5.5 x 3.1 x 2.6 | 6.7 x 5.5 x 3.7 | 9.1 x 5.5 x 4.9 |
| 5.5 x 3.1 x 3.3 | 9.1 x 3.1 x 2.6 | |

SOLID



PC:

IP 66/IP 67

IK 08/IK 09

UL Type 1, 3, 3S, 4, 4X, 6, 6P and 12

Complies with UL 508

UV-protected

ABS:

IP 66/IP 67

IK 08

NEMA 1, 3, 3S, 4, 4X, 6, 6P and 12

UL 94HB

SOLID enclosures are an excellent choice to house electronic and electrical components. The SOLID range is an ideal alternative to polyester enclosures. They are available with screw and hinge covers in both polycarbonate and ABS.

Dimensions inch

Polycarbonate/ABS

| | | |
|------------------|-------------------|-------------------|
| 7.4 x 7.4 x 5.1 | 14.9 x 7.4 x 5.1 | 14.9 x 10.9 x 5.1 |
| 7.4 x 7.4 x 7.1 | 14.9 x 7.4 x 7.1 | 14.9 x 10.9 x 7.1 |
| 10.9 x 7.4 x 5.1 | 10.9 x 10.9 x 5.1 | 22.0 x 10.9 x 5.1 |
| 10.9 x 7.4 x 7.1 | 10.9 x 10.9 x 7.1 | 22.0 x 14.9 x 7.1 |



EK enclosures are the ideal solution for applications requiring either single or modular configurations. EK enclosures feature one or more flange openings, permitting modular assembly of multiple units, and easy management of wiring with a wide assortment of accessory flange plates.

PC:

- IP 66/IP 67
- IK 08/IK 09
- UL Type 1, 3, 3S, 4, 4X, 6, 6P and 12
- Complies with UL 508
- UV-protected

Dimensions inch

| Polycarbonate | | |
|------------------|-------------------|-------------------|
| 7.5 x 7.5 x 5.1 | 15.0 x 7.5 x 5.1 | 15.0 x 11.0 x 5.1 |
| 7.5 x 7.5 x 7.1 | 15.0 x 7.5 x 7.1 | 15.0 x 11.0 x 7.1 |
| | | 15.0 x 11.0 x 9.1 |
| 11.0 x 7.5 x 5.1 | 11.0 x 11.0 x 5.1 | 22.0 x 11.0 x 5.1 |
| 11.0 x 7.5 x 7.1 | 11.0 x 11.0 x 7.1 | 22.0 x 15.0 x 7.1 |
| | | 29.9 x 22.0 x 9.8 |



EURONORD

EURONORD enclosures are designed to house DIN-rail mounted terminal blocks and various types of sensors. EURONORD enclosures are available in polycarbonate, fiberglass and aluminum. There are more than 160 different off-the-shelf versions available.

PC:

- IP 66/IP 67
- IK 07/IK 08
- UL Type 1, 4, 4X, 12 and 13
- Complies with UL 508
- UV-protected

GRP:

- IP 66/IP 67
- IK 08
- NEMA 1, 4, 4X, 12 and 13
- Complies with UL 508
- UV-protected

AL:

- IP 66/IP 67
- IK 08
- UL Type 1, 4, 4X, 12 and 13
- Complies with UL 508

Dimensions inch

| Polycarbonate | | |
|-----------------|-----------------|------------------|
| 2.0 x 2.0 x 1.6 | 6.3 x 3.1 x 3.3 | 13.4 x 5.9 x 4.0 |
| 2.6 x 2.0 x 1.6 | 6.3 x 3.1 x 3.7 | 13.4 x 5.9 x 4.8 |
| 3.9 x 2.6 x 1.6 | | |
| | 4.8 x 4.7 x 2.6 | 9.6 x 6.5 x 3.5 |
| 3.2 x 3.1 x 2.2 | 4.8 x 4.7 x 3.0 | 9.6 x 6.5 x 4.7 |
| 3.2 x 3.1 x 2.6 | 4.8 x 4.7 x 3.7 | |
| 3.2 x 3.1 x 3.3 | 4.8 x 4.7 x 4.1 | 9.8 x 6.3 x 3.5 |
| 3.2 x 3.1 x 3.7 | | 9.8 x 6.3 x 4.9 |
| | 6.3 x 4.7 x 3.5 | 9.8 x 6.3 x 5.9 |
| 4.7 x 3.1 x 2.2 | 6.3 x 4.7 x 5.5 | |
| 4.7 x 3.1 x 2.4 | | 14.2 x 6.3 x 4.0 |
| 4.7 x 3.1 x 3.3 | 7.9 x 4.7 x 3.0 | 14.2 x 7.9 x 5.9 |
| 4.7 x 3.1 x 3.5 | 7.9 x 4.7 x 3.5 | |
| | | 11.8 x 9.1 x 3.4 |
| 6.3 x 3.1 x 2.2 | 9.6 x 4.9 x 4.0 | 11.8 x 9.1 x 4.3 |
| 6.3 x 3.1 x 2.6 | 7.9 x 5.9 x 3.1 | |

| Aluminum | | | | Fiberglass | |
|-----------------|------------------|------------------|-------------------|-----------------|-------------------|
| 2.0 x 1.8 x 1.3 | 9.9 x 3.2 x 2.2 | 22.2 x 6.3 x 3.5 | 23.6 x 9.1 x 4.3 | 3.1 x 3.0 x 2.2 | 10.2 x 6.3 x 3.6 |
| 2.6 x 2.4 x 1.8 | 4.9 x 4.9 x 3.2 | 9.1 x 7.9 x 4.3 | 15.9 x 12.2 x 4.3 | 4.3 x 3.0 x 2.2 | 14.2 x 6.3 x 3.6 |
| 3.9 x 2.6 x 1.8 | 8.7 x 4.9 x 3.2 | 9.1 x 7.9 x 7.1 | 15.9 x 12.2 x 7.1 | 6.3 x 3.0 x 2.2 | 10.1 x 9.9 x 4.8 |
| 6.0 x 2.6 x 1.8 | 14.3 x 4.9 x 3.2 | 11.0 x 9.1 x 4.3 | 23.6 x 12.2 x 4.3 | 7.5 x 3.0 x 2.2 | 15.8 x 9.8 x 4.7 |
| 3.2 x 3.0 x 2.2 | 6.4 x 6.4 x 3.6 | 13.0 x 9.1 x 4.3 | 23.6 x 12.2 x 7.1 | 4.8 x 4.7 x 3.5 | 16.0 x 15.8 x 4.7 |
| 5.0 x 3.2 x 2.2 | 10.4 x 6.4 x 3.6 | 13.0 x 9.1 x 7.1 | | 8.7 x 4.7 x 3.5 | |
| 7.0 x 3.2 x 2.2 | 14.2 x 6.3 x 3.5 | 15.8 x 9.1 x 4.3 | | 6.3 x 6.3 x 3.6 | |

CAB



The CAB wall mounting enclosure is a hinged door enclosure featuring both opaque or transparent cover options, and quick release padlockable latches. CAB enclosures are ideal for mounting and housing operator controls and process controllers. Tough, impact resistant polycarbonate withstands harsh and demanding environments.

PC:

- IP 66/IP 65
- IK 08
- UL Type 1, 4, 4X, 12 and 13
- Complies with UL 508
- UV-protected

Dimensions inch

| Polycarbonate | | |
|------------------|-------------------|-------------------|
| 5.9 x 5.9 x 4.3 | 11.8 x 11.8 x 7.1 | 19.7 x 15.7 x 7.9 |
| 11.8 x 7.9 x 7.1 | 15.7 x 11.8 x 7.1 | 23.6 x 15.7 x 8.7 |



QUICK

QUICK wall mounting enclosures feature Quick Lock quarter turn screws for securing the cover. Transparent cover options allow easy viewing of installed equipment and indicators. Tough, impact resistant polycarbonate withstands harsh and demanding environments.

PC:

- IP 66/IP 67
- IK 08
- NEMA 1, 12 and 13
- Complies with UL 508
- UV-protected

Dimensions inch

| Polycarbonate | | |
|-------------------|-------------------|--------------------|
| 11.8 x 7.9 x 6.7 | 15.7 x 11.8 x 6.7 | 23.6 x 11.8 x 6.7 |
| 11.8 x 11.8 x 6.7 | 15.7 x 11.8 x 9.1 | 23.6 x 15.7 x 8.3 |
| | 15.7 x 15.7 x 6.7 | 23.6 x 15.7 x 10.6 |



CARDMASTER

CARDMASTER enclosures are ideal for packaging instrumentation, measurement, monitoring and process control equipment. The CARDMASTER range features two compartments – one for circuit boards and operator controls and readouts, and another one for terminal and interface wiring.

PC:

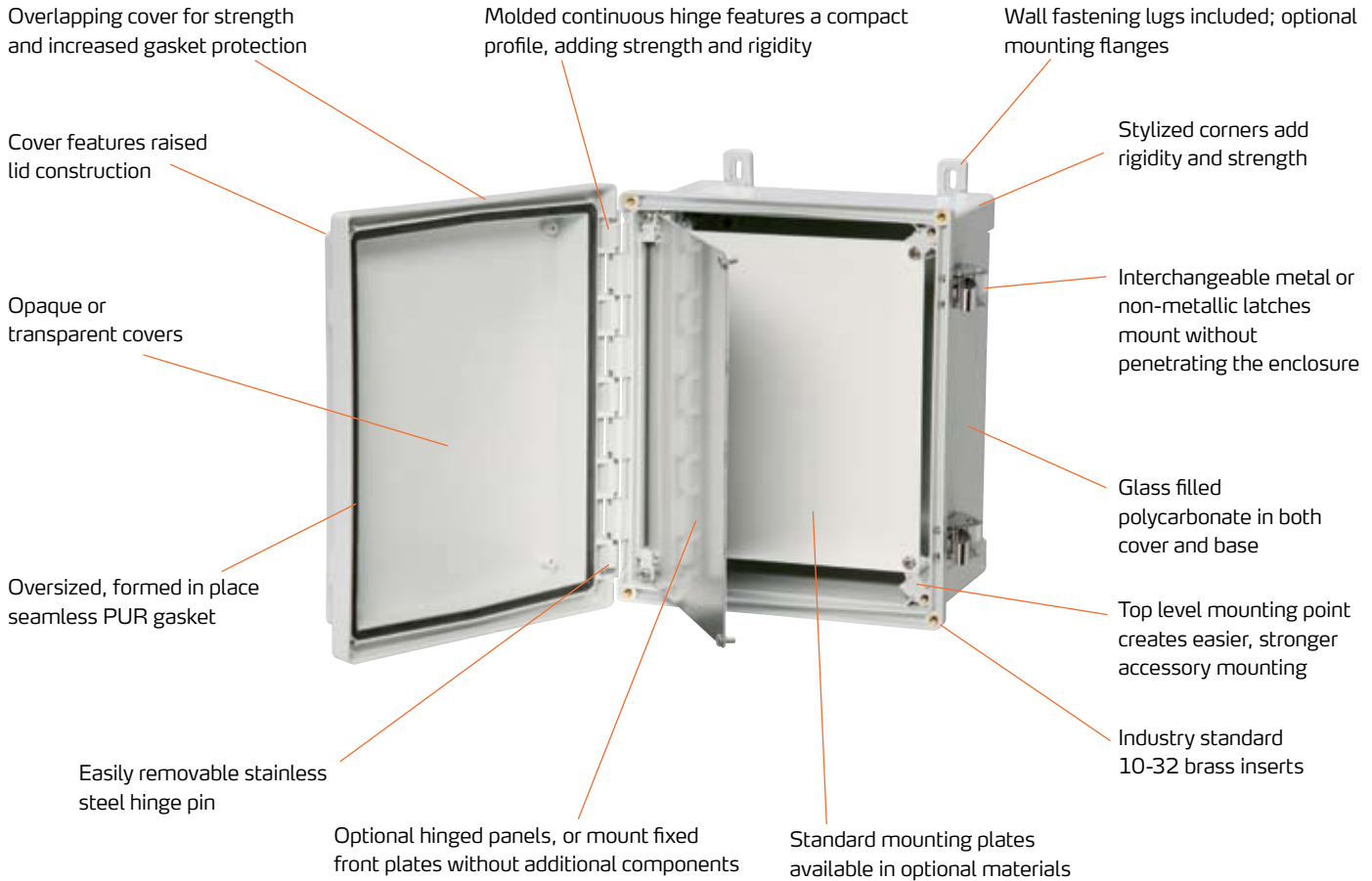
- IP 65
- IK 07/IK 08
- UL Type 1, 4x* and 12K
- Complies with UL 508
- UV-protected

Dimensions inch

| Polycarbonate | | |
|-----------------|------------------|-------------------|
| 6.5 x 6.3 x 3.5 | 8.4 x 7.3 x 4.0 | 12.4 x 10.2 x 4.3 |
| 6.5 x 6.3 x 4.6 | 9.3 x 7.3 x 4.7 | 12.6 x 10.2 x 5.1 |
| | 11.0 x 8.6 x 6.1 | 15.4 x 12.4 x 6.6 |
| 7.4 x 6.3 x 4.2 | 10.1 x 8.6 x 5.3 | |
| 7.4 x 6.3 x 5.3 | | |

*smallest sizes

New Fibox ARCA



ARCA



PC:

IP 66

IK 08

UL Type 4, 4X, 6, 6P, 12 and 13

Complies with UL 508

UV-protected

Fibox's new ARCA classic style JIC non-metallic enclosures provide users of classic electrical junction boxes an easy upgrade path to a high performance enclosure featuring 21st century technology. Precision, injection molded, ARCA enclosures feature excellent chemical resistance and the wide temperature utilization range of polycarbonate plastic. Available in classic JIC sizes, these enclosures feature industry standard dimensions and panels.

ARCA enclosures are available as a screw cover enclosure, a hinged screw cover enclosure, or a hinged enclosure with latches. Select from a variety of latch options. Enclosure covers are available as either opaque or transparent clear. Complete ranges of mounting plates, fixed inner panels and hinged inner panels are available, in metal or non-metallic versions.

Dimensions inch

Polycarbonate

| | | | | |
|-----------|------------|-------------|-------------|--------------|
| 6 x 6 x 4 | 8 x 8 x 4 | 10 x 8 x 6 | 12 x 10 x 6 | 16 x 14 x 8 |
| 8 x 6 x 5 | 10 x 8 x 4 | 10 x 10 x 6 | 14 x 12 x 7 | 18 x 16 x 10 |

Fibox Enclosures

Fibox, a privately owned Finnish company, is one of the largest enclosure manufacturers in the world, and is the market leader in thermoplastic enclosures used for protecting electrical and electronic components operating in hostile environments. Fibox enclosures are manufactured in modern factories located in Finland, Germany, China and Republic of Korea.

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ABOUT FIBOX

1000 CHOICES TO MEET YOUR DEMANDING ENVIRONMENTS

The Fibox range of standard enclosures provides the designer with over 1000 choices for packaging electrical and electronics equipment operating in hostile environments. Fibox enclosures comply with UL 50/508 and EN 60529. Most of our enclosures have achieved Type ratings of NEMA 4X, 6 and 6P, and Ingress ratings of IP 66/IP 67. Enclosure performance is verified by independent laboratory testing and on-going monitoring of production. Fibox brand accessories make our enclosures more functional and are easy to use. Standard solutions exist for panel management, hinged inner doors, and air ventilation.

CUSTOMIZED ENCLOSURES TO EXPAND YOUR OPTIONS

To increase the range and flexibility of our packaging solutions, Fibox has developed a comprehensive range of services, permitting cost effective customization for specific applications. The two most important of these are machining services and customized tooling. Our advanced CNC machinery can supply enclosures with holes, cutouts and openings to your specification. For large OEM volumes, our sophisticated, multiple slide tooling permits cost effective modification of any side of the enclosure. CAD drawings of standard enclosures are available at www.fiboxusa.com to aid the engineer in creating the most cost effective customization.