

MNX Enclosures

Product presentation

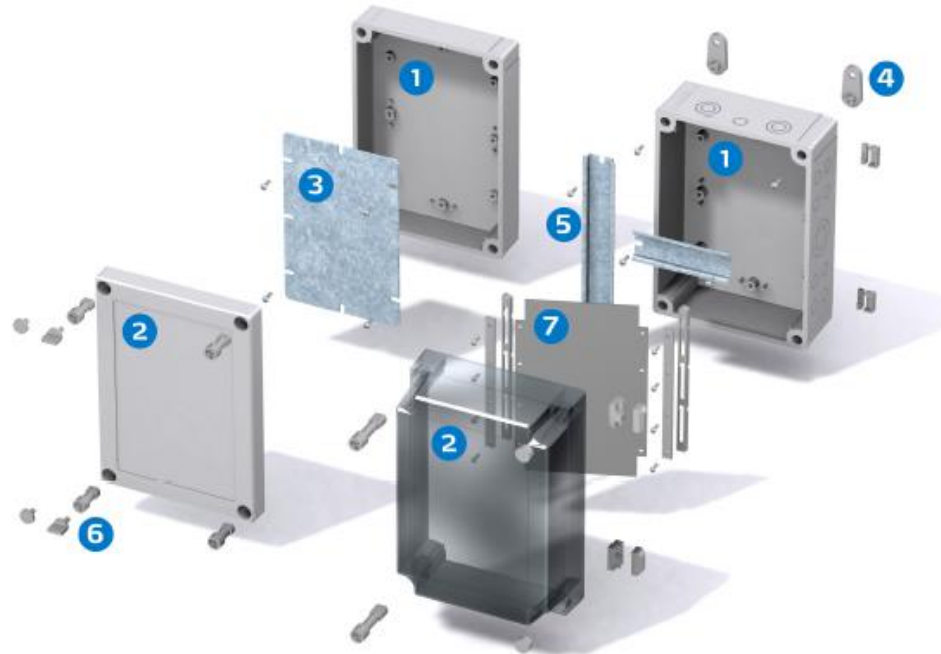
Fibox MNX

MNX polycarbonate and ABS enclosures utilize world-class injection moulding technology. They are designed to house and protect all kinds of electrical and electronic components in the most demanding environments and no matter installation height.

The MNX includes more than 260 different versions. Choose MNX if you have a large product family that needs to be housed in matching enclosures with the minimum of fuss.



MNX Enclosures



Enclosure

- 1 PC or ABS enclosure, different heights, optionally also available with metric knockouts to assure a quick fitting assembly
- 2 PC cover, grey or smoked transparent

Accessories

- 3 Mounting plate, Electro-galvanised steel
- 4 Fastening lugs, 4 pcs. incl. screws
- 5 DIN rail TS 15/TS 35
- 6 Cover screws, various versions
- 7 Pivotable front plate, aluminium

MNX Enclosures

Features



260 versions

Sizes from 100x100x35 up to 360x255x152

Available with metric knock-out for cable glands

Polycarbonate UL approved

IP 66/67

IK 07 (ABS) or 08 (PC)

Cover available in grey and smoked transparent

Plastic cover screws

Wide range of accessories

MNX Enclosures

Technical information and approvals

MNX technical information			Confirmy to standards
Property	Polycarbonate (PC)	ABS	
Ingress Protection (EN 60529)	IP 66/IP 67	IP 66/IP 67	USA Enclosures for Electrical Equipment PC: UL Type 1, 4, 4X, 6 (12 or 13); UL File E75645 Vol 1 Sec 7; UL 746C-5VA flame test (UL 50/508)* ABS: NEMA 1, 4, 4X, 6 (12 or 13) Canada Industrial Control Equipment Enclosures for Electrical Equipment/ULc* Europe Empty enclosures for low-voltage switchgear and controlgear assemblies EN 62208:2003 Europe Safety of Information Technology Equipment EN 60950 RoHS directive 2002/95/EC Russia GostR - Gost Russian certificate of conformity * UL label on request
Impact Resistance (EN 62262)	IK 08	IK 07	
Temperature Range Celsius	-40° .. 120°C	-40° .. 80°C	
(short term) Fahrenheit	-40° .. 250°F	-40° .. 175°F	
Temperature Range Celsius	-40° .. 80°C	-40° .. 60°C	
(continuous) Fahrenheit	-40° .. 175°F	-40° .. 140°F	
Electrical Insulation	Totally insulated ☑	Totally insulated ☑	
Light Grey Parts Colour	RAL 7035 Industry Grey	RAL 7035 Industry Grey	
Transparent Clear PC Cover	Smoked Grey	Smoked Grey	
Cover Screws	Black or Grey	Black or Grey	
Cover Screws	Polyamide (PA)	Polyamide (PA)	
Gasket	TPE/PUR	TPE/PUR	
Enclosure Flammability Rating	UL 746C 5V*		
Glow Wire Test (IEC 695-2-1) Self-extinguishing (PC)	960°C	650°C	
Non-toxicity	Halogen Free	Halogen Free	
UV resistance	UL 508 720 hours in "Weatherometer"		
Chemical Resistance **	Good	Good	

Data subject to change without notice.

** Consult separate raw material data for more detailed information

MNX Enclosures



Product Key MNX

PC 95/ 35 LT

- Low base (25 mm) + Transparent cover
- Low base (25 mm) + Grey cover
- High base (50 mm) + Transparent cover
- High base (50 mm) + Grey cover
- XH=Extra high base (75 mm) + Transparent cover (13 mm)
- XH=Extra high base (75 mm) + Grey cover (13 mm)
- ZT=Super high base (125 mm) + Transparent cover (27 mm)
- ZG=Super high base (125 mm) + Grey cover (27 mm)

- 35 mm high
- 50 mm high (only for LT+G)
- 60 mm high
- 75 mm high
- 85 mm high
- 88 mm high (only for XHT+G)
- 100 mm
- 125 mm high
- 150 mm high
- 175 mm high

- 95 = Length/width (here 100x100 mm)
- 100 = Length/width (here 130x80 mm)
- 125 = Length/width (here 130x130 mm)
- 150 = Length/width (here 180x130 mm)
- 175 = Length/width (here 180x180 mm)
- 200 = Length/width (here 255x180 mm)
- 300 = Length/width (here 360x255 mm)

- PC = Polycarbonate
- ABS = Acrylnitril-Butadien-Styrol
- PCM = Polycarbonate, enclosures with metric knockouts

MNX Enclosures

Typical applications

- Ideal for housing electrical and electronic components in harsh & demanding industrial environments
- Enclosures for electronic devices with PCB & membrane keyboard



MNX Enclosures

Typical applications



MNX Enclosures

Features

- Recessed area for membrane keyboards



MNX Enclosures

Features

- Slide-construction of the moulds – easy to modify



MNX Enclosures

Learn more:

- www.fibox.com
 - [MNX products](#)
 - [Accessories](#)
- Catalogues
 - [Fibox Enclosure and Cabinet Overview:](#)
 - [Enclosure catalogue 5.0](#)
- Video
 - [MNX, MNX intro, english version 2015](#)

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