

# MNX Enclosures

## Product presentation

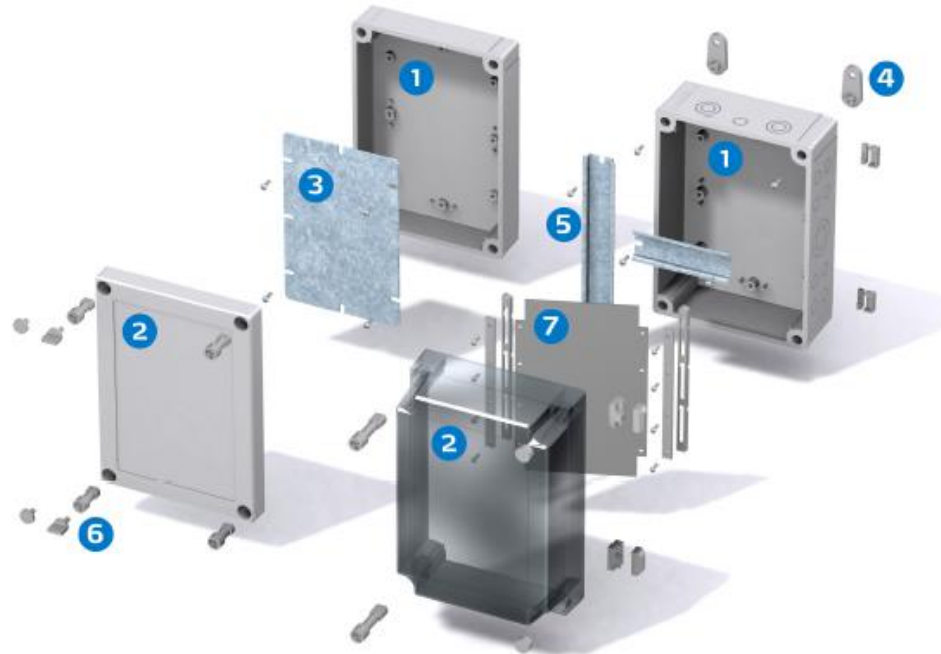
### Fibox MNX

**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	<b>USA</b> 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)  <b>Canada</b> Industrial Control Equipment Enclosures for Electrical Equipment/ULc*  <b>Europe</b> Empty enclosures for low-voltage switchgear and controlgear assemblies EN 62208:2003 <b>Europe</b> Safety of Information Technology Equipment EN 60950 RoHS directive 2002/95/EC  <b>Russia</b> 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	

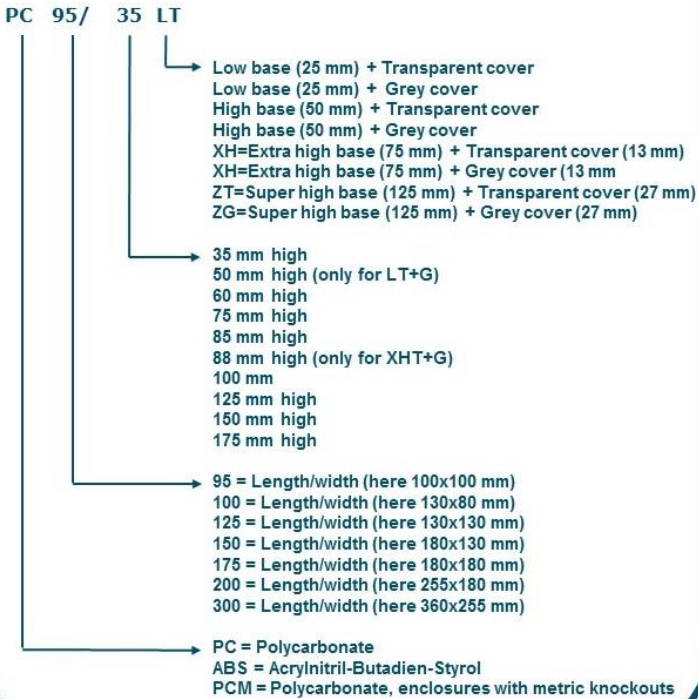
Data subject to change without notice.

\*\* Consult separate raw material data for more detailed information

# MNX Enclosures



## Product Key MNX



# 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](http://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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