








## FIBOX MNX PC/ABS









### TECHNICAL INFORMATION

PROPERTY	POLYCARBONATE (PC)	ABS	CONFORMITY TO STANDARDS (UL, CSA, CE, Lloyds, BV, FI)
Ingress Protection (EN 60529)	IP66/IP 67 and IP66	IP66/67 and IP66	USA Enclosures for Electrical Equipment PC: UL Type 1, 4, 4X, 6 (12 and 13) (UL 50/508) ABS: NEMA 1, 4, 4X, 6 (12 and 13)
Impact Resistance (EN 50102)	IK 08	IK 07	Canada Industrial Control Equipment Enclosures for Electrical Equipment/ULc
Temperature Range Celsius (short term)	-40°...120°C	-40°...80°C	Europe Enclosures for Switch Gear and Control Gear Assemblies EN 50298:1998
Temperature Range Fahrenheit (short term)	-40°...250°F	-40°...175°F	
Temperature Range Celsius (continuous)	-40°...80°C	-40°...60°C	Europe Safety of Information Technology Equipment EN 60950
Temperature Range Fahrenheit (continuous)	-40°...175°F	-40°...140°F	
Electrical Insulation	Totally insulated ☐	Totally insulated ☐	Australia Enclosures for switch gear and control gear AS 3132-1991
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	PUR/TPE	PUR/TPE	
Enclosure Flammability Rating	UL94-V0	UL94HB	UL 746 C 5 in. vertical flame test
Glow Wire Test	960°C	650°C	IEC 695-2-1, Self-extinguishing
Non-toxicity	Halogen Free	Halogen Free	
UV resistance	UL 508		
Chemical Resistance *	720 hours in "Weatherometer" Good	Good	

Data subject to change without notice. \*Consult separate raw material data for more detailed information

### ACCESSORIES

Product	Order symbol	Size mm	
 MNX front plate	FP A 100/130 FP A 125/130 FP A 150/180 FP A 175/180 FP A 200/180	120 x 62 120 x 112 170 x 112 170 x 162 237 x 170	
 MNX front plate hinge series, 2 pcs  incl. screws	HFP 130 HFP 180	130 180	
 Mounting plate	MIV 95 MIV 100 MIV 125 MIV 150 MIV 175 MIV 200	66 x 80 98 x 48 98 x 98 148 x 98 148 x 148 223 x 148	
 Mounting rail DIN 35	B-3 MIV 5 MIV 10 MIV 15 MIV 20	35 x 80 35 x 50 35 x 100 35 x 150 35 x 225	
 Mounting rail DIN 15	MIN 5 MIN 10 MIN 15 MIN 20	15 x 50 15 x 100 15 x 150 15 x 225	
 Mounting foot kit, 4 pcs. incl. screws	FP 22046		
 Inspection windows	L02 L04 L06 L08 L10	60 x 77 96 x 77 130 x 77 162 x 77 199 x 77	

Product	Order symbol	Size mm	
 Plastic hinges (2 pcs)  incl. mounting screws	TH A		
 MNX sealing plug, grey	DP 14553		
 MNX sealing plug, black	DP 14553B		
 Water plug	MB 12189		
 Cover plug	MB 14560		
 Ventilation device	MB 10631		
 Cover screws	SS 14550L SS 14551H  SS 14550BL SS 14551BH		
 Wing heads for cover screws	MB 14552 MB 14552B		
 Mounting plate screws	MR ZN 2.9x6.5 KN 3.9x9.5	2.9 x 6.5 3.9 x 9.5	