

MANUFACTURER'S DECLARATION

This declaration is to certify that the enclosure products described below, manufactured by Fibox Oy Ab, Finland, conform to the following product characteristics and standards.

Fibox SOLID PC

Materials used:

Base	Polycarbonate, RAL 7035
Grey cover	Polycarbonate, RAL 7035
Transparent cover	Polycarbonate, clear
Gasket	Polyurethane
Cover screws	Polyamide

Product characteristics

Ingress Protection: IP 66 / IP 67 (EN/IEC 60529)

Impact strength: front surface IK09 +35 °C / -25 °C (EN/IEC 2262)
side surface IK08 +35 °C / -25 °C (EN/IEC 2262)

Material Flammability Rating

Base UL 94-5VA
Cover UL 94-V0

Glow Wire Test

960°C

Temperature range

In continuous use -40°C - +80°C
Short term use -40°C - +120°C

Static loads Mounting plate
Mounting rail
Cover/hinges

1 kg/dm²
10 kg/rail, max 30kg/box
10 kg

UV stability Polycarbonate materials used are tested to class f1 "suitable for outdoor use with respect to exposure to UV light" in accordance to UL 746C.

Totally insulated

Nominal voltage up to 1000 V AC and 1500 V DC

Halogen free compliance (DIN/VDE 0472, Part 815)

The products fulfils the essential safety requirements for CE conformity marking according to the Low voltage Directive.

The products conforms to the standards:

EN/IEC 62208, Empty enclosures for low-voltage switchgear and controlgear assemblies.



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