

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 CAB PC

Materials used:

Base	Polycarbonate, RAL 7035
Grey cover	Polycarbonate, RAL 7035
Transparent cover	Polycarbonate, smoked
Gasket	Polyurethane

Product characteristics

Ingress Protection:	IP 65 (EN/IEC 60529)
Impact strength:	IK08 +35 °C / -25 °C (EN/IEC 62262)
Mechanical strength:	6J (EN 61439-4)

Material Flammability Rating

Base UL 94-5V
Cover UL 94-V0

Glow Wire Test

960°C

Limiting Oxygen Index (LOI)

Base 36% ASTM D 2863, cover 40% ISO 4589-2

Temperature range

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

Static loads

Mounting plate	1 kg/dm ²
Mounting rail	10 kg/rail, max 30kg/box
Cover/hinges	10 kg
Swing door hinges	2 kg

Totally insulated

Nominal voltage up to 1000 V AC and 1500 V DC

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

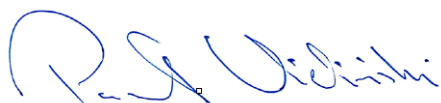
The products fulfils the essential safety requirements for CE conformity marking according to the Low voltage Directive (2006/95/EC).

The products conforms to the standards:

EN/IEC 62208: 2011 Empty enclosures for low-voltage switchgear and controlgear assemblies.

EN 61439-3: 2012 Low-voltage switchgear and controlgear assemblies. Distribution boards intended to be operated by ordinary persons (DBO)

EN 61439-4: 2013 Low-voltage switchgear and controlgear assemblies. Particular requirements for assemblies for construction sites (ACS)



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