

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 ARCA IEC

Materials used:

Base	Polycarbonate, PC, RAL 7035
Grey door	Polycarbonate, PC, RAL 7035
Glazed door	Polycarbonate, clear
Gasket	Polyurethane, PUR

Product characteristics

Ingress Protection: IP 66 (EN/IEC 60529)
IP 65 W-versions

Impact strength:
Gray door: IK10 +35 °C / IK09 -25 °C (EN/IEC 62262)
Glazed door: IK08 +35 °C / IK07 -25 °C (EN/IEC 62262)

Mechanical strength: 6J (EN 61439-4)

Material Flammability Rating UL 94-5V
Material Limiting Oxygen Index(LOI) 36% ISO4589

Glow Wire Test 960°C (EN/IEC 60695-2-11, EN/IEC 60695-2-12)
Temperature range
In continuous use -40°C - +80°C
Short term use -40°C - +120°C

Static loads
Mounting plate 2 kg/dm²
Mounting rail 10 kg/rail, max 30 kg/cabinet
Door 10 kg

Totally insulated
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.

Nominal voltage up to 1000 V AC and 1500 V DC

The products conforms to the standards:
EN/IEC 62208, Empty enclosures for low-voltage switchgear and controlgear assemblies
EN/IEC 61439-1, EN/IEC 61439-4, Low-voltage switchgear and controlgear assemblies
UL 508A Industrial control panels



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