

MANUFACTURERS DECLARATION

This declaration is to certify that the enclosure product line described below, conform to the following product characteristics.

Fibox ARCA IEC

Technical information

<i>Material</i>	<i>Polycarbonate, gasket PUR</i>
<i>Colour</i>	<i>RAL 7035</i>
<i>Ingress Protection (EN 60529)</i>	<i>IP66, IP65 SWF-versions</i>
<i>Impact Resistance (EN 62262)</i>	<i>IK10 +35°C/IK09-25°C</i> <i>IK08 W-versions</i>
<i>Max operating temp range long term</i>	<i>-40°C. . .+80°C</i>
<i>Material Flammability Rating</i>	<i>UL 94-5VA</i>
<i>Glow wire test</i>	<i>960°C</i>
<i>Static loads</i>	<i>Mounting plate 2 kg/dm²</i> <i>Mounting rail 10 kg/rail, max 30kg</i> <i>Door 10kg</i>

Suitable for indoor and outdoor installations

UV resistant

Totally insulated

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

Nominal voltage up to 1000 V AC and 1500 V DC

The products conforms to the standards:

EN/IEC 62208, EN/IEC 61439-1, EN/IEC 61439-4

UL 508A Industrial control panels

Product warranty:

Fibox warrants that the products are free from defects in material and workmanship and that they stay functional for a minimum period of 5 years under normal use and service when the notes above are taken account. Product warranty does not cover cable and wire inlets and/or other openings and modifications made to a standard product. Painted cabinets have a three year warranty on the paint finish.

Internal tests states that the cabinets in normal use can withstand opening and closing of the hinged door of +1000 times.

Material warranty:

Fibox warrants that electrical and mechanical properties of enclosure material is kept within 25 years after installation.

Based on the simulated 25 years UV testing we expect the enclosure life expectancy to exceed 40 years.



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