

# MANUFACTURERS DECLARATION

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

## Fibox SOLID PC

### Technical information

<i>Material housing</i>	<i>Polycarbonate</i>
<i>Gasket</i>	<i>PUR</i>
<i>Colour</i>	<i>RAL 7035</i>
<i>Ingress Protection (EN 60529)</i>	<i>IP66, IP67</i>
<i>Impact Resistance (EN 62262)</i>	<i>IK09 front surface</i> <i>IK08 side surface</i>
<i>Max operating temp range long term</i>	<i>-40°C. . .+80°C</i>
<i>Material Flammability Rating</i>	<i>Base: UL 94-5VA, Cover: UL 94-V0</i>
<i>Glow wire test</i>	<i>960°C</i>
<i>Static loads</i>	<i>Mounting plate 1 kg/dm<sup>2</sup></i> <i>Mounting rail 10kg/rail, max 30kg/enclosure</i> <i>Cover/hinges 10 kg</i>

*Totally insulated*  
*Halogen free compliance (DIN/VDE 0472, part 815)*  
*Nominal voltage up to 1000 V AC and 1500 V DC*

*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.*

*The products conforms to the standards:*  
*EN/IEC 62208*

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

*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 30 years.*



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*Cabinets and Accessories*