

EC Declaration of Conformity Technical File

Name and Address of the Manufacturer:

Robroy Enclosures
500 Maple Street
Belding, MI 48809
U.S.A.

Scope and Object:

An electrical enclosure is a cabinet for electrical or electronic equipment to mount switches, knobs and displays and to prevent electrical shock to equipment users and protect the contents from the environment.

This covers empty enclosures made from unsaturated polyester resin reinforced with glass fibers for electrical equipment rated not more than 1000 Volts and intended to be installed and used as follows:

Non-hazardous (non-classified) locations

- Enclosures for indoor locations: Types 1, 2, 12, 13
- Enclosures for outdoor locations: Types 3, 3R, 3S, 4, 4X, 6, 6P
- Enclosures for International Protection: IP66
 - 6 – Protected against access to hazardous parts with a wire and dust tight
 - 6 – Protected against powerful water jets

Conformity with the relevant EU harmonization legislation called out in the Low Voltage Directive (LVD) 2006/95/EC is supported by relevant documentation called out as follows:

IEC 60529	Degrees of protection by enclosures
NEMA 250	Enclosures for Electrical Equipment (1000 Volts Maximum)
UL50	Enclosures for Electrical Equipment Non-Environmental Considerations
UL50e	Enclosures for Electrical Equipment Environmental Considerations
UL746C	Standard for Polymeric Materials-Use in Electrical Equipment Evaluations
2011/65/EU & 2015/863	Restriction of the Use of Certain Hazardous Substances in Electronic and Electrical Equipment

Component part numbers are approved by Underwriters Laboratories (UL) for NEMA 250 under UL File# E64358, E333478, E319779 and E81860 and IEC60529 under UL File# E362920 and can be viewed via the UL Online Certifications Directory at www.ul.com