

ElectroGuard™ Technical Data

Topic: Product Certifications and Listing

The ElectroGuard™ product family is cUL_{us} Listed. This Listing is under UL508A Industrial Control Panel, File Number E54866.

The ElectroGuard product Family is 3rd party certified by TUV Rhineland to EN 954-1 Category 4, Safety of Machinery - Safety-related Parts of Control Systems - Part 1: General Principles for Design & EN 60204-1 Safety of Machinery – electrical equipment of machines – Part 1: General requirements. A copy of the certification document is available upon request, and will be posted on the www.ab.com website.

The ElectroGuard product family is considered listed, the listing is held with TUV Rhineland.

At this time, there is no formally recognized product standard for a Safety Isolation System in either North America or Europe.

Up to this point Allen-Bradley's Safety Isolation Systems have been commissioned in the United States, Canada and Australia. Local code requirements have been met in the United States under the umbrella of an OSHA letter of interpretation, since there is not a specific standard. Similar actions have been addressed in the other country locations.

In the United States, two standard committees have drafted standards which address safety isolation systems;

- Accredited Standards Committee Z244, Control of Hazardous Energy – Lockout/Tagout And Alternative Methods.
- Draft UL Subject 60947-4-x, Low Voltage Switchgear and Controlgear – Part 4-x: Contactors and motor-starters – Equipment used for Safety Isolation and Rated as a Single Unit.

The UL draft will be issued as a technical bulletin in October 2003 and will be presented to the NEC Code Panel for review. It is hoped that this UL draft will form the basis for inclusion of the safety isolation system in the next NEC 2005 code as a disconnecting means.

Publication 2030-TD001A-EN-E, September 2003