

## Summary of IS/IEC 60947: Part 4: Sec 3: 2014

**IS/IEC 60947-4-3:2014** specifies the requirements for **contactors and protective control devices** used for **electric motor control** in industrial applications. This standard is part of the IEC 60947 series, which covers low-voltage switchgear and control gear. Part 4, Section 3, focuses specifically on **contactors and motor protection circuits** designed to protect motors from electrical faults, such as overloads or short circuits. The document details the technical specifications for **control circuits**, including their **operating characteristics, construction, and performance** under various conditions. It sets out guidelines for the **electrical endurance, mechanical endurance, and interaction with other components**, ensuring safe and efficient operation of motor control systems. Key aspects include **rated operational voltage, current, and inrush current handling**, along with **climatic and mechanical stress resistance**. Compliance with these standards ensures that equipment operates reliably, maintaining safety and performance in industrial environments.