

Tyco Electronics

Tyco Electronics has extensive capabilities in the design and manufacture of relays, contactors, solenoids and power distribution units for demanding, high performance applications.

Offering components for switching currents from dry circuit to more than 1,000 amps, voltages up to 70kV and frequencies up to 6 GHz. Whether you need commercial off-the-shelf products, components that must meet stringent military specifications or highly specialized, custom-designed products, look to Tyco Electronics to meet your requirements.

Low Signal Relays

Tyco Electronics CII brand low signal electro-mechanical relays are built to perform under the most demanding environmental conditions in military, aerospace and commercial applications. Relays are rated from signal level to 10 amps switching in a variety of package sizes, mounting configurations, and termination options. There are both non-latching and latching designs. Standard, bifilar, and sensitive coils are available with optional diode suppression. High frequency, high vibration and high reliability versions are also available. Relays are qualified to MIL-PRF-39016, MIL-R-5757, MIL-PRF-28776, MS27245, and MS27247.



Mid-Range Relays

Tyco Electronics CII brand mid-range relays offer critical size and weight savings in aircraft applications by providing efficient power switching in a compact package. Relays vary in size from the compact 5 amp package all the way up to a 50 amp version in a 1 inch cube enclosure. Terminal styles include socket pins, solder pin and solder hooks. Each series comes with a variety of mounting options. Relays are qualified to MIL-PRF-6106 and MIL-PRF-83536.



Power Switching Contactors

Tyco Electronics Hartman brand offers some of the lightest, smallest and most efficient AC and DC contactors available today for aerospace commercial and military electrical power systems. These contactors are available in multiple contact configurations, current/voltage ratings, auxillary contact configurations and mounting styles. The Hartman brand also has sensing and protective devices available with various functions, including current monitoring, reverse current protection, over/under voltage protection, over/under frequency protection, automatic drop-out for starting applications and three-phase remote power controllers with various over current trip functions.



Lightweight DC Relays and Contactors

Tyco Electronics Kilovac DC contactors deliver switching performance demanded by aerospace and defense applications. These lightweight contactors offer continuous current ratings up to 500 amps at 900 volts DC in very compact packages



Solid State Relays

The Tyco Electronics CII product line includes both AC and DC versions, with output ratings up to 25A. AC relays rated at 2A, 10A & 25A feature zero voltage turn-on for reduced EMI. DC relays are offered with ratings up to 2A in several miniature hermetically sealed package configurations, some with optional isolated status lines and/or short circuit protection.

