| CYNERGY3 REED RELAYS

We are industry experts in the design and manufacture of reed relays offering high performance, quality and value to our customers.

Cynergy3 reed switches use specialist materials, rhodium and tungsten to create, durable and reliable reed switches that exceed customer expectations.

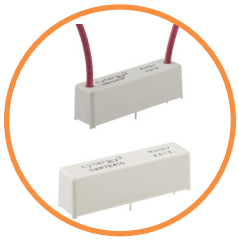
Our reed relays play an important role in medical equipment, an example of which are defibrillators which save lives every day. Other applications include semi-conductor and insulation testing, military in-the-field communications, electrosurgical equipment and the charging of electric vehicles.

- Offered in industry standard packages with a choice of isolation voltages, coil voltages, contact forms and termination/mounting styles.
- The only reed relays manufactured using our industry leading reed switch technology.
- Form A (normally open), form B (normally closed), form C (changeover) and latching/bistable contact configurations are available.
- Ranges include both HV (high voltage) reed relays and HF (high frequency) reed relays.
- UL approved.
- 100% electrically tested for performance to specification.

TYPICAL APPLICATIONS

- Medical defibrillators and MRI scanners
- Semiconductor test equipment
- Military HF communications
- Renewable solar energy
- Sonar systems
- Security screening systems

REED RELAY TYPES



HIGH VOLTAGE

Reed relays designed by industry experts specifically for high voltage applications, up to 15kV DC. Many of these high performance and quality components are also available in UL approved versions.

RADIO FREQUENCY

These relays contain cutting edge technology, using rhodium contacts to provide low stable contact resistance in applications up to 20A, 2-32 mHz.

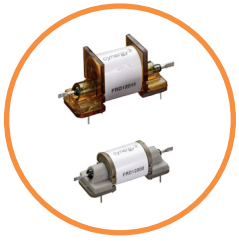
Key Products

D Series - up to 15kV

- 15kV DC isolation
- Low contact resistance
- High power switching
- PCB mount
- Flying lead HV connection

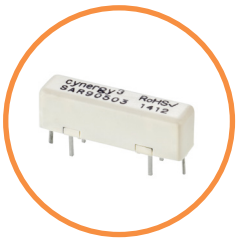
FRD12000 Series

- Up to 8kVDC isolation between contacts
- 6A carry current (up to 30MHz)
- Excellent RF performance
- Ideal for antenna tuning units
- SPNO or SPNC switching action



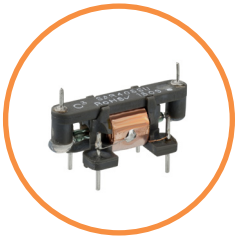
S Series - 3 & 5kV

- Compact footprint
- Design specifically for high voltage
- 3 or 5kV isolation between contacts
- Rhodium contacts for low resistance



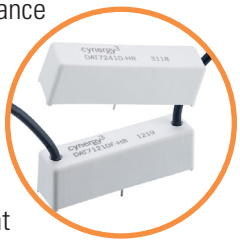
4 Series

- 3.5A RF at 1-30MHz
- 3.5kV isolation
- Long lifetime
- Low contact resistance



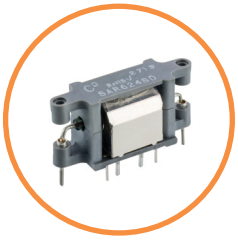
D Series High Insulation Resistance

- 1x10E14 ohms minimum insulation resistance
- 5kV, 7.5kV, 10kV or 15kV DC isolation
- Low contact resistance
- PCB or flying lead connection
- Ideal for sensitive test equipment and measurements
- Circuits which require low leakage current losses



6 Series

- Excellent RF characteristics
- Carry current up to 4A RF at 30MHz
- 3.5 kV isolation
- Low RF loss
- Long lifetime



S2 Series

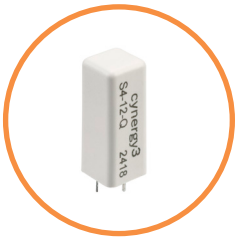
- Flexible mounting options
- 10VA, 70VA and 100VA switching versions
- Low contact resistance
- Full isolation

Miniature Latching

- Bistable latching relay
- 1.5A carry current
- 3.5kV DC isolation
- 0.5ms coil pulse length version
- RF & magnetic screening

S4 Series - Vertical Mount

- Space saving package
- Up to 350V DC switching voltage
- UL* approved
- 2.5A carry current
- Isolation voltage across contacts 3kV DC

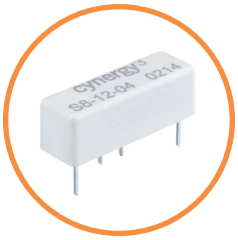


FRD13000 Series

- Fully screened coil for low RF Loss
- Up to 9kVDC and 6A at 30MHz
- Ideal for HF antenna tuning applications
- Custom design facility

S8 Series

- Space saving package
- 4kV or 5kV DC isolation across contacts
- 7kV DC isolation contact to coil
- 2.5A carry current



FRD30000 Series

- Up to 20A carry current at 30MHz
- 6.5kV isolation
- Fully screened coil for low RF loss
- Suitable for 1kW transmitters