

Line Extension

LQ Series General Power Relays

High Inrush Offered in Both 12V DC and 24V DC Coil Types!

Panasonic, a worldwide leader in Relay Products, introduces the expansion of the **LQ Series General Power Relays** to include high inrush in both 12V DC and 24V DC Coil types as well as tube and carton packaging styles that provide a variety of options. These new Relays are also rated for 2000 VA 10W max switching power and offered in a class F insulation type making them extremely competitive in today's market.

These new **Panasonic LQ Series Relays** will add more diversity to the existing Panasonic line-up, especially for handling inductive motor loads. The new **LQ Relays** offer a UL TV-3 rating suitable for a ½ HP at 250V AC high inrush load and as a reinforced insulation type for protection against high electrical shocks. This Series is suitable for 8A 2 V AC (UL certified) and ½ HP at 250V.

The **LQ Series Relays** with Class F coil insulation should be designed for inrush current applications and are ideal for industrial and HVAC applications. The tube packaging option allows for easy use with automatic insertion during the assembly process.



Features and Benefits

- Small And Slim Size: 10.0mm (W) x 20.0mm (L) x 16.0mm (H)
- Compact With High Capacity: Saves Space On The PC Board While Switching Up To 10A For 1 Form A Contact Arrangements
- Surge Withstand Voltage (Between Contact And Coil): 8,000 V
- Dielectric Strength Voltage (Between Contact And Coil): 4,000 V
- LQ Series Relays from Panasonic Can Be Considered For Inrush Current Applications
- Class F Coil Available
- Contact Rating At 105oC Is Approved By UL/C-UL For Class F Coil Insulation
- Tube Packaging Available
- Compatible With Automatic Insertion Assembly
- RoHS/REACH Compliant

Industries

- HVAC
- Home Appliance
- Industrial Equipment

Applications

- Air Conditioners, Fan Heaters, Furnace Control
- Washing Machines, Dryers, Refrigerators
- Machine Tools, Robotics