

Low Voltage Switch Company - Low Voltage Electronic Components



MGL Series Load Isolate Switch

About the Product:

MGL Series Load Isolate Switch (hereinafter refers to the switch) is developed by our company with advanced European technology. It is of international late 90s level. It is the ideal new generation product among similar ones. The switch is widely used in the power distribution and automation systems of construction, power, petrol-chemical industries and other fields. Its modular design structure enables flexible combination. The glass fiber reinforced unsaturated polyester resin shell has high dielectric properties, protection and reliable operational safety. The operation mechanism adopts the acceleration mechanism of spring energy storage and instantaneous release. It can instantaneously access and break multi-point contact and has nothing to do with the speed of the operation handle, which greatly improves the electrical and mechanical performances.

It has many structures and operation modes. For instance: there is the window from which the contact breaking state can be observed. There are inside, outside cabinet operations, frontage and side operations and back-board wiring. The switch is of pleasing appearance. It is novel, simple, small and functional. It is the best option among similar products.

MGL series products have won 3C authentication certificate.

Product Features:

1. The instantaneously released acceleration mechanism of spring energy storage realizes rapid access and breaking (13.8m/s) which has nothing to do with the speed of the handle and greatly enhances arc-extinguishing ability.
2. Glass Fiber reinforced unsaturated polyester resin shell has high dielectric properties and reliable operational safety.
3. Paralleled double-breakpoint contacts have self-cleaning effect.
4. All contact materials are silver plated copper alloy which has two separated contact surfaces. The isolation distance is long.
5. At "0" position, three locks can be used together to avoid misuse.

Function:

MGL Series Load Isolate Switch is mainly used in AC 50Hz 660V rated voltage 440V DC rated voltage and 3150A rated current. It applies to infrequent accessing and breaking the circuit as well as isolating the circuit.

Standards:

International Standards:

IEC60947-1(1998) 《The First Section of Low Voltage Switch and Control Devices: General Principles》

IEC60947-3(1999) 《Low Voltage Switch and Control Devices, Switch, Isolator, Isolate Switch and Fuse Group》

National Standards:

GB / T14048.1-2002 《Low Voltage Switch and Control Devices: General Principles》

GB14048.3-2002 《Low Voltage Switch and Control Devices, Switch, Isolator, Isolate Switch and Fuse Group》

Working and Environmental Conditions MGL Series Load Isolate Switch can be in normal operation under the following conditions:

1 altitude : Less than 2000m

2 environmental temperature : Lower than 40 and higher than -5 . Relative humidity is less than 95%.

3 medium environment : No explosion danger.

4 no heavy rain or storm.

note: if it is used at the temperature higher than +40 or lower than -5 ~ -45 , users should report to the manufacturer.

Model Instance:

MGL2-160A / 4JFII ~ 380V In 125A shift load isolate switch, left and right arrangement, AC 380V rated voltage, 160A preset heat current, 125A rated current. Four electrodes, outside cabinet operation, auxiliary 1 normal opened +1 normal closed.

1 normal opened 1 normal closed.	F11	F1NO+F1NC
+1 normal opened +1 normal closed.	F22	F2NO+F2NC