Latching Electromagnet Solenoid Coil for Switchgear

This latching electromagnet solenoid coil is designed for switchgear operation. It is used for locking purposes to prevent false actions in high voltage equipment.

ADDITIONAL IMAGES

Product Overview

High-Performance Latching Electromagnet

This latching electromagnet solenoid coil is engineered for high-voltage switchgear assemblies, providing critical locking mechanisms to prevent operational errors. Designed for reliability, it features low energy consumption and is suitable for indoor cabinet door interlocks. Its robust construction ensures consistent performance in demanding power distribution environments.

Technical Specifications

ITEM	PARAMETER
Rated voltage	220, 110V，DC
auxiliary contacts	current≤3A
current	6A
Working stroke	7mm
Action	must act as the working voltage is equal to or greater than 65% the rated voltage
Service life	50000 times
Insulation resistance	>100MΩ
High pressure	2.5KV，DC
Type	Bending plate / straight plate
Material:	Hard magnetic material
Weight	50-100g

Technical specifications and performance parameters for the latching electromagnet.

Available Configurations

Bending Plate • Straight Plate

Rated Voltage	AC/DC 220V, 110V
Coil Current	6 A
Auxiliary Contacts Current	d3A
Working Stroke	7 mm
Action Threshold	e 65%of rated voltage
Service Life	50000 cycles
Insulation Resistance	>100M©
High Pressure Withstand	2.5KV, DC

Environmental Ratings

Protection Degree	IP30, IP41
Operating Temperature	-5°C to 40°C
Humidity Tolerance	d 50%at 40°C; up to 90% at 20°C
Altitude Limit	2000 m