



Master Controller

Application : Electric Multiple Units (EMU)
Function: Speed control
Powering and braking control
Forwarding and reversing control
Composition : Main handle, Reversing handle



Electro-magnetic Contactor

Pole configuration : Single-pole
Main circuit voltage : 1500V DC
Main circuit current : 1000A
Control circuit voltage : 100, 110V DC
Breaking capacity : 1500V DC, 20mh, 2000A



High Speed Circuit Breaker

Pole configuration : Single-pole
Main circuit voltage : 1500V DC
Main circuit current : 1200A
Control circuit voltage : 100V DC
Breaking capacity : 1500V DC, 0.5mh, 30kA



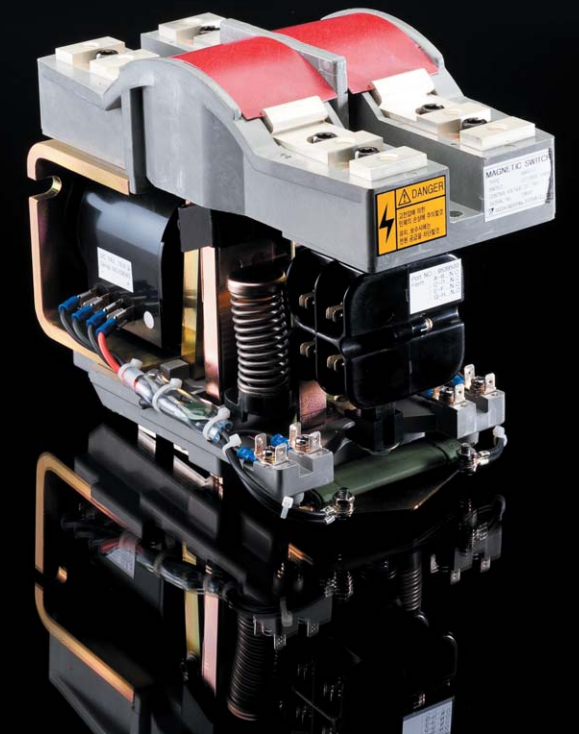
Auxiliary Relay

Application : DC control circuit
Contact resistance : 50mΩ or less
Operating voltage : 70-110% of rated voltage
Withstand voltage : 1200V AC, 60Hz for 1min.
Breaking capacity : 100V DC, 5A



Magnetic Power Contactor & Magnetic Switch

DIESEL ELECTRIC LOCOMOTIVES



Magnetic Power Contactor

Diesel Electric Locomotives

This high-performance DC device is ideally suitable for DC system in railway application as Diesel electric locomotives. Particularly magnetic power contactor is applied to maintain the power circuit during the powering and dynamic braking.



Features

- Easy installation and maintenance
- Compact size and light weight
- High dielectric strength

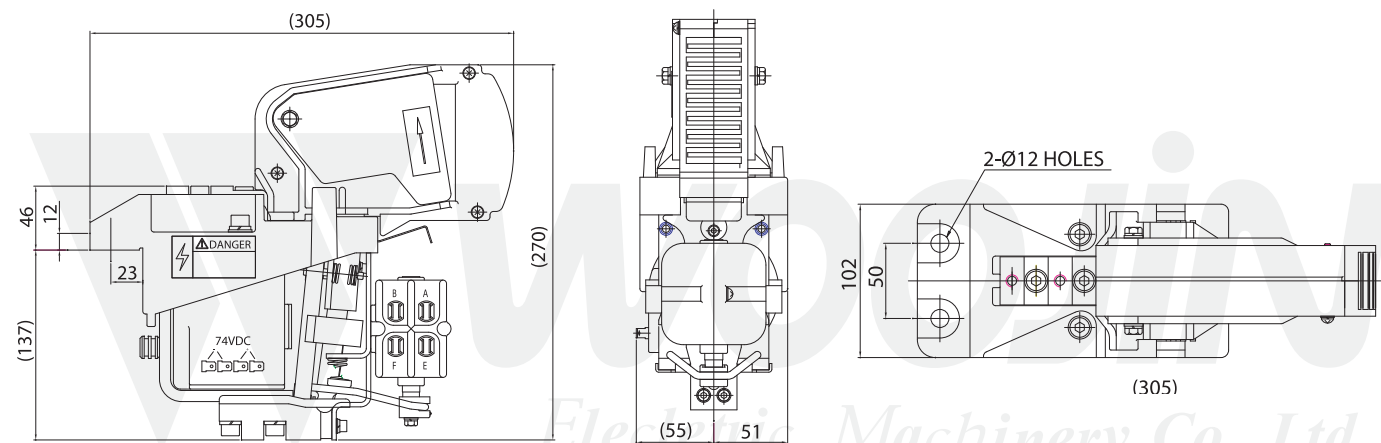
Application

- Diesel electric locomotives
- Others

Technical Data

Main contact	Pole configuration	Single-pole, normally open
	Rated voltage	1000V DC
	Continuous rating in open air	1000A at 40°C
	Maximum make current	5000A
	Maximum break current	2000A
Operating coil	Rated voltage	74V DC
	Coil resistance	125Ω at 20°C
Auxiliary contact	Rated current	10A at 125V DC or less 2.5A at 250V DC
	Contact configuration (option)	1NO+3NC
		2NO+2NC
		3NO+1NC
		4NO
		4NC
Miscellaneous	Mounting	Two 3/8" screws
	Power connection	Two 3/8" screws
	Coil connection	Four 1/4" fastons
	Weight	11kg

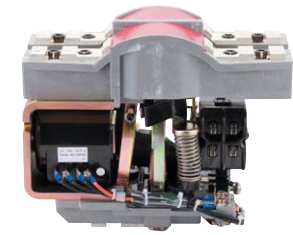
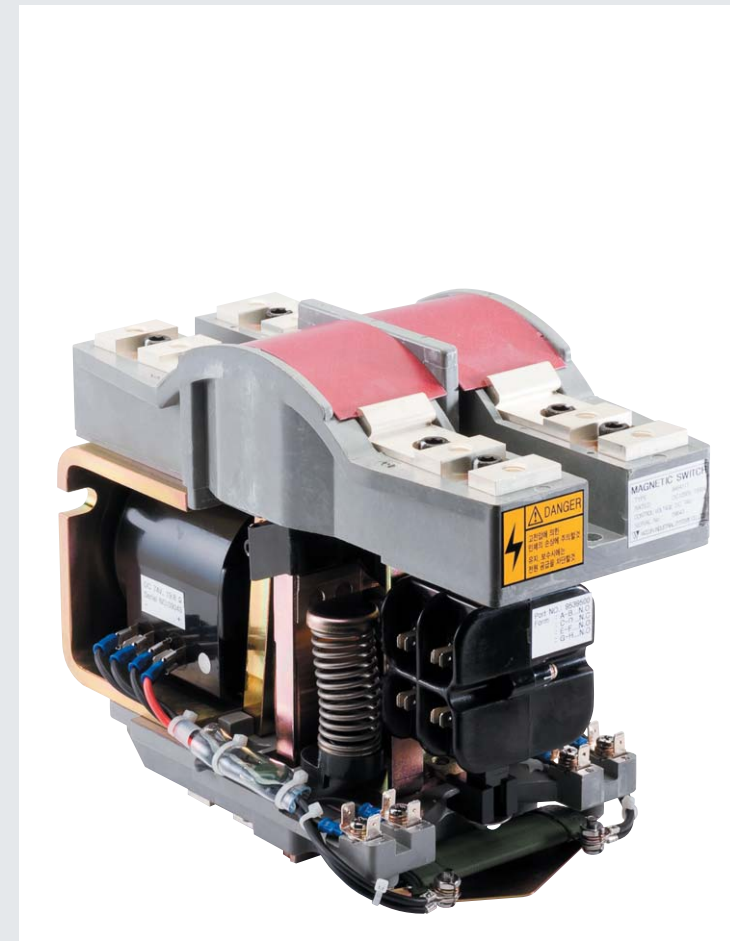
Outline



Magnetic Switch

Diesel Electric Locomotives

This high-performance DC device is ideally suitable for DC system in railway application as Diesel electric locomotives. Particularly magnetic switch is applied to control the rotating direction of the traction motor.



Features

- Easy installation and maintenance
- Compact size and light weight
- High dielectric strength

Application

- Diesel electric locomotives
- Others

Technical Data

Main contact	Pole configuration	Double-pole, normally open	
	Rated voltage	1000V DC	
	Continuous rating in open air	1000A at 40°C	
Operating coil	Rated voltage	74V DC	
	Coil resistance	19.8Ω at 20°C	
Auxiliary contact	Contact configuration (option)	Rated current	10A at 125V DC or less 2.5A at 250V DC
		1NO+3NC	
		2NO+2NC	
		3NO+1NC	
		4NO 4NC	
Miscellaneous	Mounting	Two 3/8" screws	
	Power connection	Two 3/8" screws	
	Coil connection	Four 1/4" fastons	
	Weight	16kg	

Outline

