

## DC CONTACTOR

## CZWT200A DC CONTACTOR



## USES

This product have a switching phase contacts, for electric vehicles, telecommunication equipment, engineering machinery, car batteries, electric forklift trucks, trains, ships, electronic control systems such as uninterruptible power supply.

## MODEL IMPLICATION

CZW T 200A / □ -C -S -M

M: cross-loaded, "┐" shaped mounting bracket  
 1L: vertical mounted, the "L" shaped single mounting bracket  
 2L: vertical loading, the "L" shaped mounting bracket  
 With micro switch  
 Blowing the magnetic field with transverse  
 Coil rated voltage  
 Rated current  
 Pairs of coils, the overall structure  
 Product Type

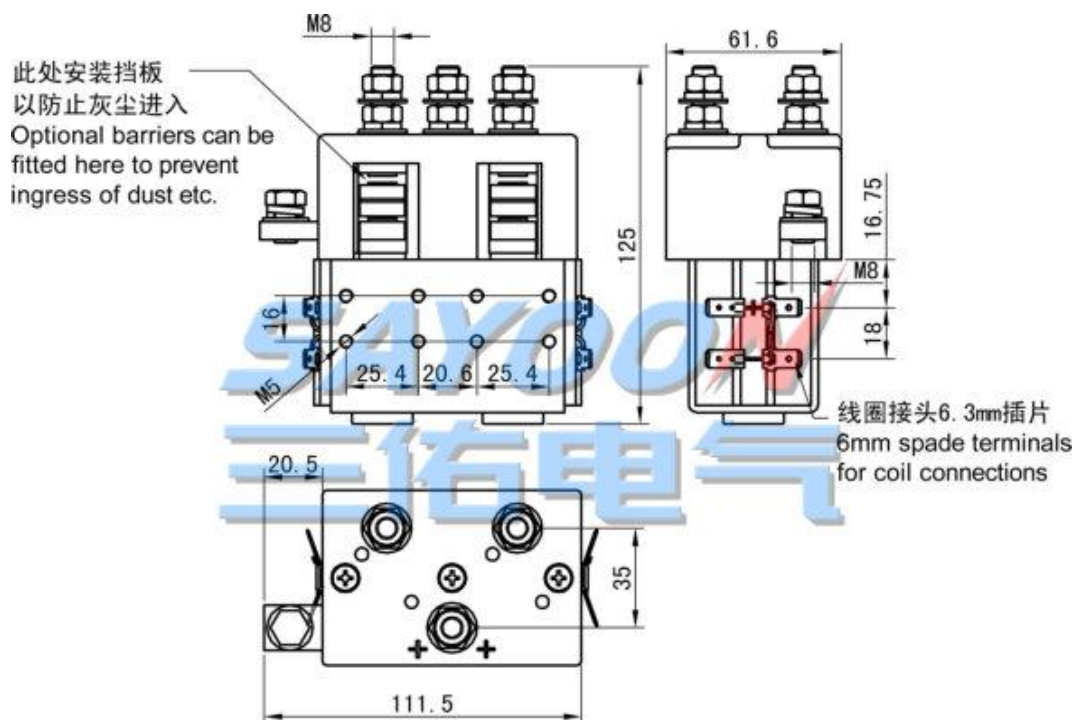
## USE OF THE ENVIRONMENT

Ambient temperature	-25~+70℃
Relative humidity	+20℃ 98%
Vibration freq. at the fixed	3G, 1~50Hz amplitude 0.5mm
concussion	(60~100) time/minute、Acceleration≤
Altitude	2000m
Installation direction	Random
International Protection	IP40 (According IEC60947)

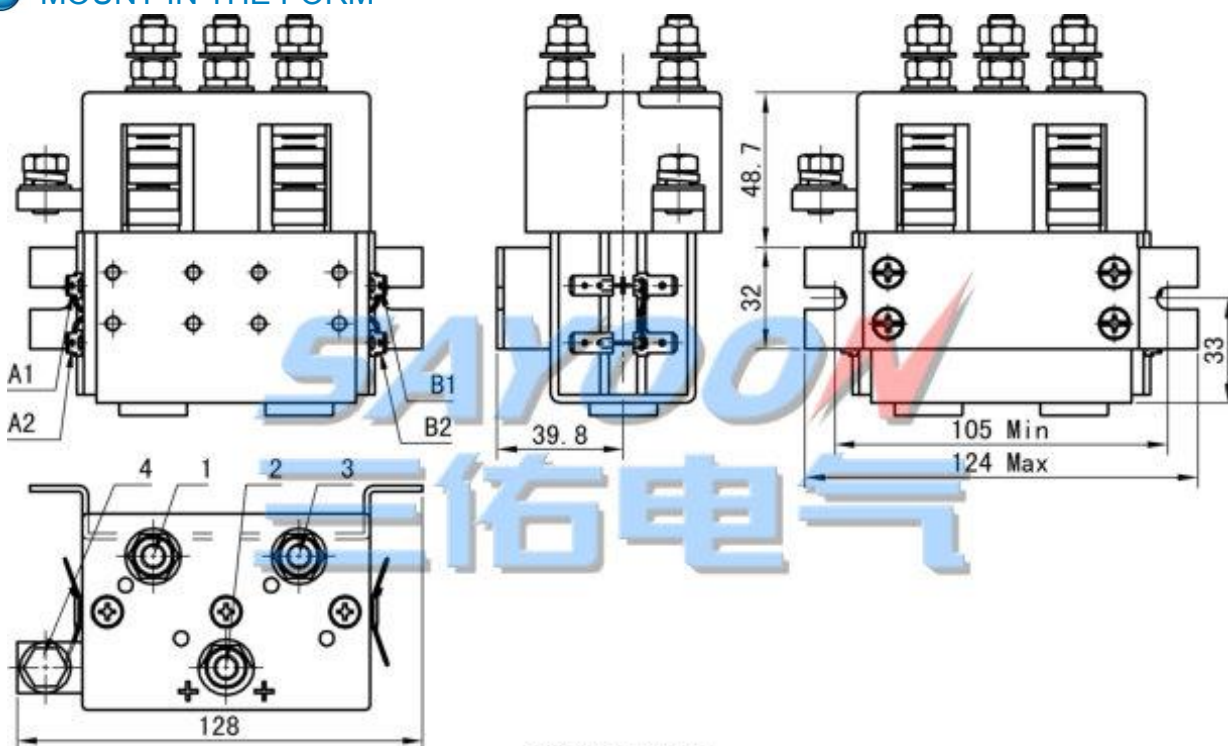
## TECHNICAL PARAMETERS

Rated voltage	12V,24V,36V,48V,60V,72V,84V,120V, etc.
Contact circuit rated load current (A)	200A
Typical voltage drop across contacts per 100A	$\geq 80\text{mV}$
the cooling pull-in voltage at $(20\pm 5)^{\circ}\text{C}$ (V)	$\geq 70\%$
the cooling drop-out voltage at $(20\pm 5)^{\circ}\text{C}$ (V)	$\geq 30\%$ , $\leq 5\%$
the allowed range of coil voltage	$\pm 20\%$
Drop-out time(n/o contacts to open)	8ms
Pull-in time (n/o contacts to close)	30ms
Disconnect the maximum contact bounce time	3ms
Insulation Resistance	20M $\Omega$
Electric strength to resist	50Hz/60Hz 1000VAC 1minute
Typical fault currents which can be ruptured	1000A/5ms at 48V/DC
Coil Power (W)	12-18
Electric life	20000 times
Mechanical life	1 million times
Work specification	Continuous

## INSTALLATION DIAGRAM



## MOUNT IN THE FORM



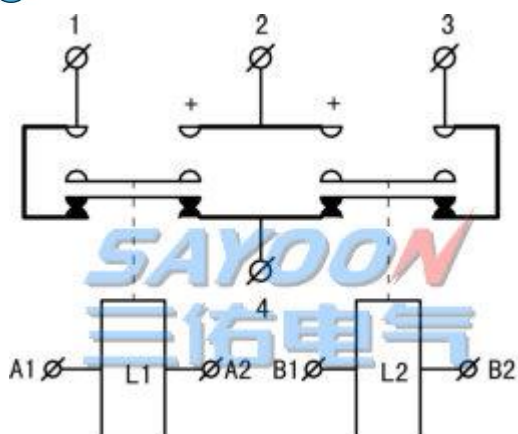
安装架形式 M  
Mount in the form M

## OTHER TECHNICAL PARAMETERS

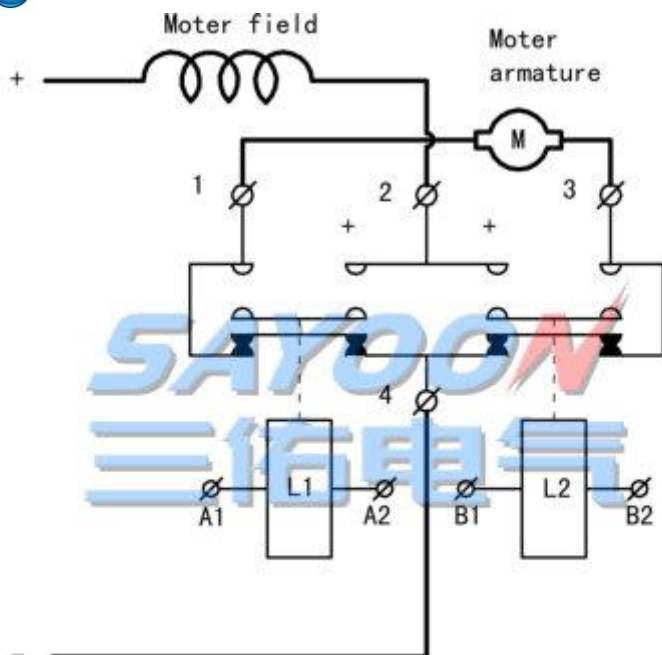
Contact form	Convert the two groups (2 SPDT)
Contact Material	AgCdO(12)
Auxiliary contact rated load (choose)	2A/48VDC, 5A/24VDC
Testing organization certification	CE,FCC

Note: the coil parameters can be customized according to customer requirements.

## WIRING DIAGRAM



## APPLY WIRING DIAGRAM



Paired Single Pole Double Throw Contactor for motor reversing  
1.2.3.4 Contact Terminal  
A1. A2. B1. B2 for the two sets of coil terminal

## OTHER MOUNT IN THE FORM

