SAYOON 三佑

DC Contactor　　ZJWT150A DC Contactor

◼ USES

This product have a switching phase contacts, for electric tricycle, electric machinery and equipment, recreational vehicles, floor sweeper, system, ceramic machine, throwing cars, brick car, clean cars, solar boats

ZJW	T	100A	-S	-C	-M	-□	/24V
1	2	3	4	5	6	7	8

1	Product type
2	Circuit structure
3	Rated current
4	Auxiliary switch：None - Without auxiliary switch; S - With auxiliary switch
5	Magnetic blowouts
6	Mounting bracket type：M Horizontal (default), 2L Two vertical, 4L four vertical, N Multi-functional vertical
7	Other function codes：I: Coil suppression, R: Load precharge resistance ,CO: Continuous , IN: Intermittent
8	Coil rated voltage：6V,12V,24V,36V,48V,60V,72V,84V,120V,150V,220V etc.

◼ USE OF THE ENVIRONMENT

Contact lead M8 tightening	≯9.0 appropriate
Coil lead-out torque (N.m)	≯0.8 appropriate
Ambient temperature	-25~+70℃
Relative humidity	+20℃ 98%
Vibration freq. atthe fixed	3G, 1～50Hz amplitude 0.5mm
Concussion	(60～100) time/minute、
Altitude	2000m
Installation direction	Random
International protection	IP40 (According IEC60947)

◼ ORDER INSTRUCTION

U.N.W.	1010g
U.G.W.	1070g
Package QTY.	30 PCS
Meas.(cm)	36*32.5*35.5
Mounting bracket type	M Horizontal (default), 2L Two vertical, 4L four vertical, N Multi-functional vertical

◼ ORDER FORM DESCRIPTION

When ordering, please state the following: name, full model, control coil voltage specification, installation frame type, whether with auxiliary contact, order quantity. For example: DC Contactor CZWT150A/24V 100pcs, indicating the load rated current 150A, without auxiliary contact, default mounting bracket, coil control voltage 24V purchase 100pcs. Special voltage specification products, such as user needs can be special order.

TECHNICAL PARAMETERS

(Version 1.44)

SAYOON Product Type	ZJWT100A
Contact form	Convert the two groups (2 SPDT)
Coil Rated voltage (DC V)	6V,12V,24V,36V,48V,60V,72V,84V,120V,150V,220V etc.
Contact voltage (DC V)	≤80V
Rated load current of contact 48V circuit (DC-1)	150A
Typical voltage drop across contacts per 100A	≯80mV
The cooling pull-in voltage at (20±5)℃ (V)	≯70%
The cooling drop-out voltage at (20±5)℃ (V)	≯35%,≮5%
Working voltage range of 40℃ coil	0.8-1.2Us
Drop-out time (n/o contacts to open)	40ms
Pull-in time (n/o contacts to close)	12ms
Maximum bounce time for contact connection	10ms
Maximum bounce time for contact disconnection	3ms
Insulation resistance	20MΩ
Electric strength to resist	50Hz/60Hz 1000VAC 1minute
Typical fault currents which can be ruptured	800A/5ms at 48V DC
Coil power (W)	14-23
Temperature rise of coil (K)	≤80
Temperature rise on outgoing terminal (K)	≤65
Electrical life	20,000 times
Mechanical life	300,000 times
Work specification	Continuous or Intermittent(default)

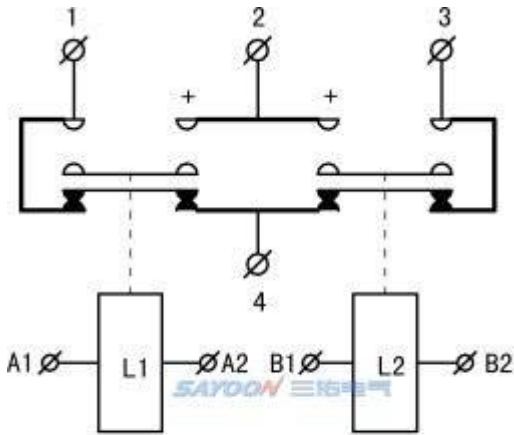## LOAD CHARACTERISTIC CURVE
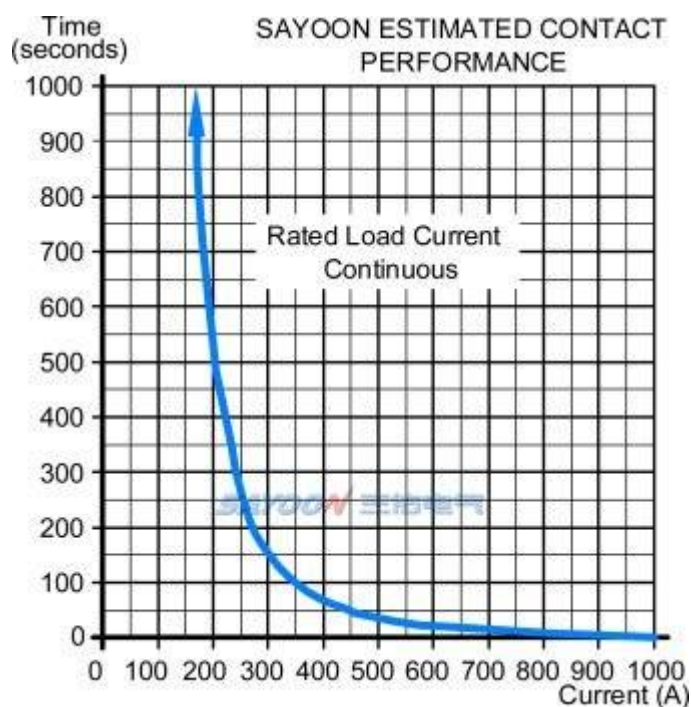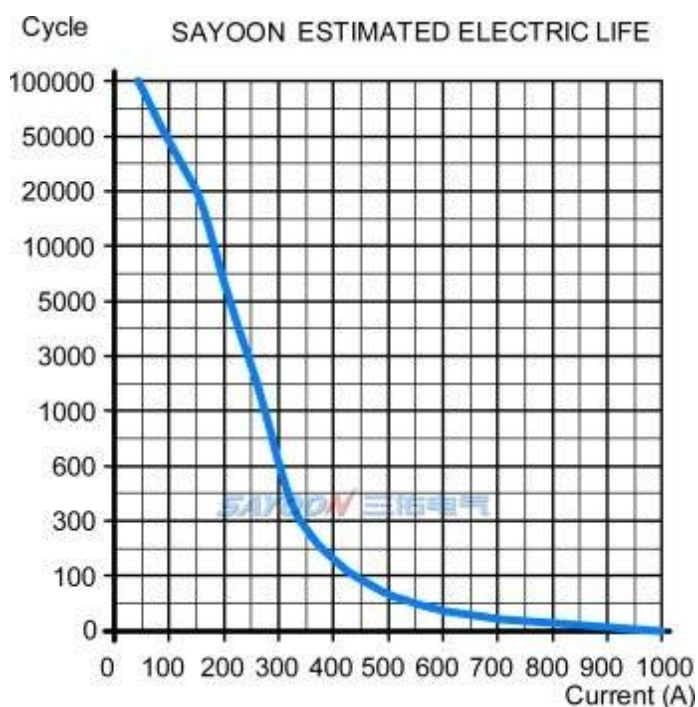
OTHER TECHNICAL PARAMETERS

Contact material	Ag alloy
Load terminal type	M8 Screw
Coil terminal type	6.3mm spade terminals
Auxiliary contact rated load (option)	2A/48VDC, 5A/24VDC
Testing organization certification	CE,FCC

Note:As regarding to the different using environments of customers which requires different focus of the functions,and in order to improve the comprehensive properties of our products,sayoon may adjust the coil parameters,temperature rise and so on. The above parameters are for reference only, For details, please refer to the guidelines for selection and use of the SAYOON DC contactor.
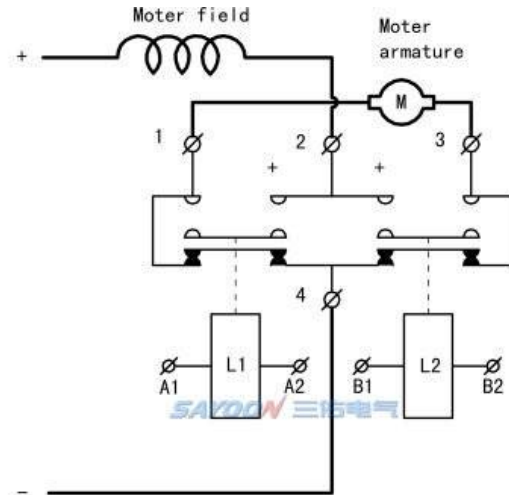
INSTALLATION DIAGRAM

此处安装挡板
以防止灰尘进入
Optional barriers can be fitted here to prevent ingress of dust etc.

线圈接头6.3mm插片
6mm spade terminals for coil connections
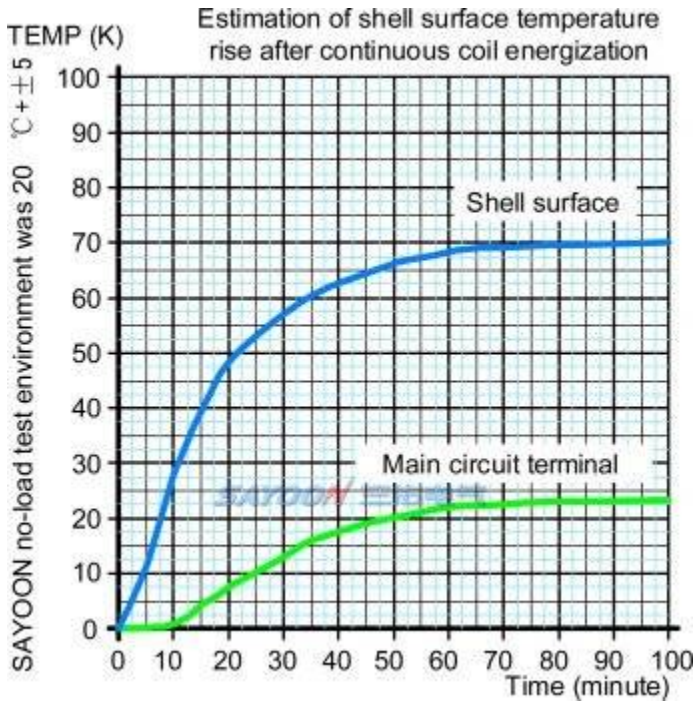
安装架形式M
Mount in the form M
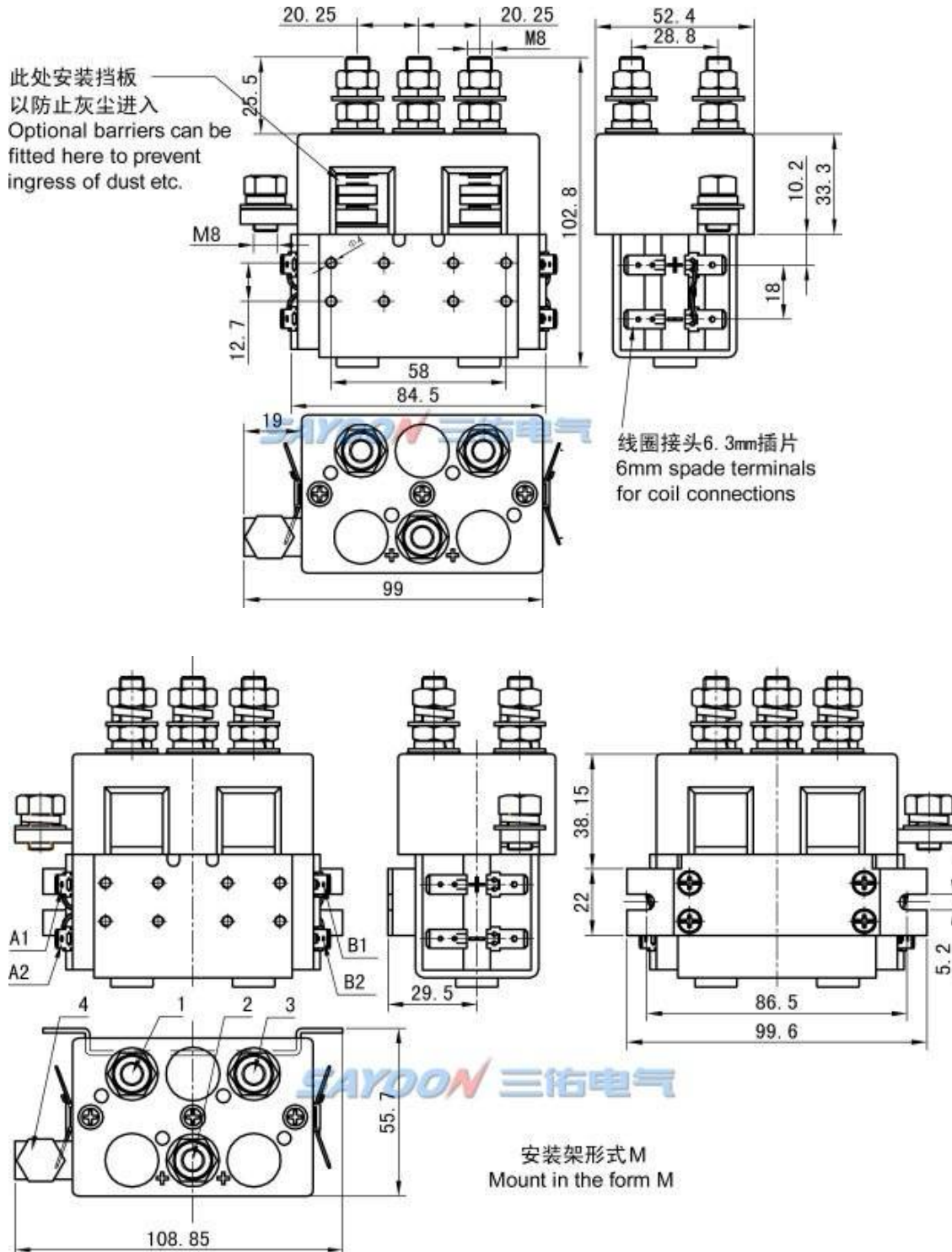
WIRING DIAGRAM

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

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

TEMPERATURE RISE CURVE

FEATURES