











DC Contactor

CZWJ200A-2T DC Contactor



USES

This product have four normally open contact, for electric tricycle, electric machinery and equipment, recreational vehicles, floor sweeper, system, ceramic machine, throwing cars, brick car, clean cars, solar boats

CZWJ	200A	<u>-2T</u>	<u>-S</u>	<u>-C</u>	<u>-M</u>	<u>-</u>	<u>/24V</u>
1	2	3	4	5	6	7	8

- Product type 1
- 2 Rated current
- 3 Circuit structure
- 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
- 7 Other function codes: I: With suppressor diode, R: With pre-charged resistance, CO: Continuous, IN:
- 8 Coil rated voltage: 6V,12V,24V,36V,48V,60V,72V,84V,120V,150V,220V etc.

USE OF THE ENVIRONMENT

ORDER INSTRUCTION

Contact lead M8 tightening	Contact lead M8 tightening >9.0 appropriate		1800g		
Coil lead-out torque (N.m)	≯0.8 appropriate	U.G.W.	1760g		
Ambient temperature	-25~+70℃	Package QTY.	20pcs		
Relative humidity	+20℃ 98%	DIM.(cm)	35*29*28		
Vibration freq. atthe fixed	3G, 1 \sim 50Hz amplitude 0.5mm				
Concussion	(60 \sim 100) time/minute \sim				
Altitude	2000m				
Installation direction	Random	Mounting bracket type	M Horizontal (default), 2L Two		
International protection	International protection IP40 (According IEC60947)		vertical, 4L Four 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 CZWJ200A-2T/24V 100pcs, indicating the load rated current 100A, without auxiliary contact, default mounting bracket, coil control voltage 24V purchase 100pcs. Special voltage specification products, such as user needs can be special order.









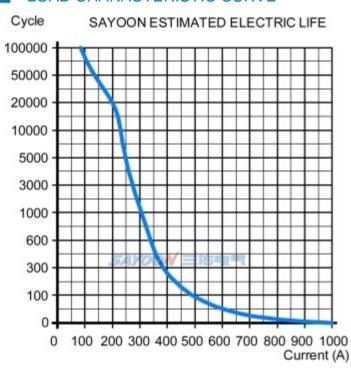


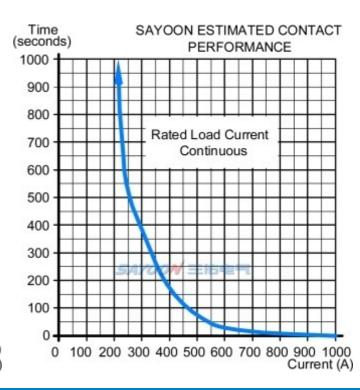
TECHNICAL PARAMETERS

(Version 1.47)

SAYOON Product Type	CZWJ200A-2T		
Contact form	4 NO		
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)	100A		
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°C 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	20ΜΩ		
Electric strength to resist	50Hz/60Hz 1000VAC 1minute		
Typical fault currents which can be ruptured	800A/5ms at 48V DC		
Coil power (W)	20-35		
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















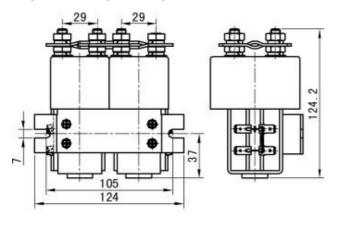


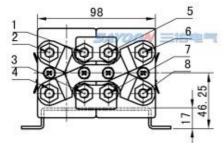
OTHER TECHNICAL PARAMETERS

Contact material	Ag alloy	
Load terminal type	M8 Screw	
Coil terminal type	6.3mm spade terminals	
Auxiliary contact rated load (optional)	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







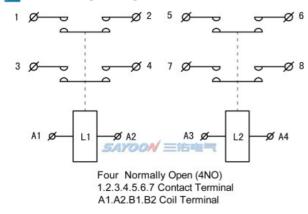


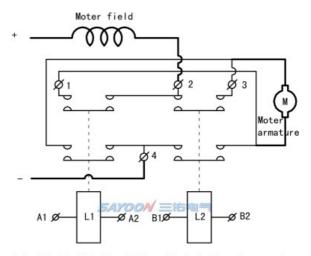








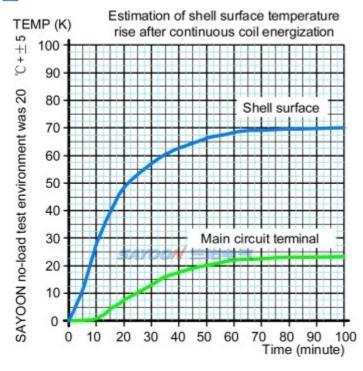




Paired Double Pole Single Throw Contactor for motor reversing. 1.2.3.4 Contact Terminal

A1. A2. B1. B2 for the two sets of coil terminal

TEMPERATURE RISE CURVE



FEATURES

Suitable for electric forklift, battery cars, tractors, excavators, brick machine, cleaning vehicles, automotive air-conditioning, communication power supply, uninterruptible power supply, power supply switches such as electroplating electronic control system control circuit, has the advantages of small volume, large load capacity, long service life, easy maintenance and other characteristics, welcomed by users. The products in accordance with the standard of the JB2286-78, JB3974-85, YD / 585-92, YD / T512-92 requirements; the plant and related test unit test, meet the standard requirements, the user use for many years, the maximum to meet user needs, quality and reliable.

3D NUMERICAL AND MODELING INTERACTIVE DISPLAY

CZWJ200A-2T-M: http://www.sayoon.com/en/v3d/p.html?type=czwj200a-2t