DC Contactor

QZJ200A DC Contactor



USES

This product have one normally open contact, for 5G cabinet, telecommunication equipment, engineering machinery, car batteries, electric forklift trucks, trains, ships, electronic control systems such as uninterruptible power supply.

<u>QZJ</u>	<u>200A</u>	<u>-S</u>	- 🗖	<u>- 🗆</u>	/□
1	2	3	4	5	6

- 1 Product type
- 2 Rated current
- 3 Auxiliary switch: None Without auxiliary switch; S With auxiliary switch
- 4 Mounting bracket type: None M Horizontal (default)
- 5 Other function codes
- 6 Coil rated voltage: 6V,12V,24V,36V,48V,60V,72V,96V etc.

USE OF THE ENVI	RONMENT	ORDER INSTRUCTION		
Contact lead M8 tightening	>9.0 appropriate		U.N.W.	326g
Coil lead M3 tightening torque	ightarrow0.8 appropriate			
Ambient temperature	-25~+70 ℃			
Relative humidity	+20℃ 98%			
Vibration freq. atthe fixed	3G, 1 \sim 50Hz amplitude 0.5mm			
Concussion	(60 \sim 100) time/minute .			
Altitude	2000m			
Installation direction	Random	N	Mounting bracket type	None - M Horizontal (default)
International Protection	IP40 (According IEC60947)			

ORDER FORM DESCRIPTION

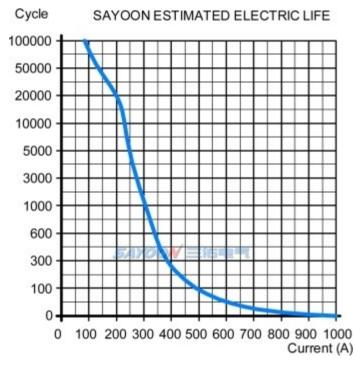
When ordering, please state the following: name, full model, control coil voltage specification, installation frame type, whether with auxiliary contact, order quantity. For example: DC Contactor QZJ200A/24V 100pcs, indicating the load rated current 200A, without auxiliary contact, default mounting bracket, coil control voltage 24V purchase 100pcs. Special voltage specification products, such as user needs can be special order.

TECHNICAL PARAMETERS

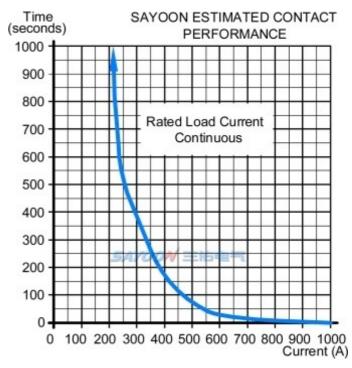
(Version 1.30)

SAYOON Product Type	QZJ200A		
Contact form	1 NO		
Coil Rated voltage (DC V)	6V,12V,24V,36V,48V,60V,72V,96V etc.		
Contact voltage (DC V)	≤150V		
Rated load current of contact 48V circuit (A)	200A		
Rate load current of contact circuit	≤80mV		
The cooling pull-in voltage at (20±5) $^\circ\!\mathrm{C}$ (V)	≤70%		
The cooling drop-out voltage at (20±5) $^\circ\!\mathrm{C}$ (V)	≤50%, ≥5%		
Working voltage range of 40 $^\circ\!\!\mathrm{C}$ coil	0.8-1.2Us		
Drop-out time (n/o contacts to open)	15ms		
Pull-in time (n/o contacts to close)	10ms		
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	1000A/5ms at 48V/DC		
Coil power (W)	Start: 35-65, Keep: 2-6		
Temperature rise of coil (K)	≤40		
Temperature rise on outgoing terminal (K)	≤65		
Electrical life	20,000 times		
Mechanical life	300,000 times		
Work specification	Continuous		

LOAD CHARACTERISTIC CURVE







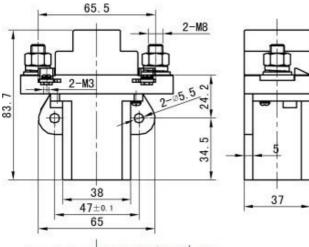
CE FC RoHS

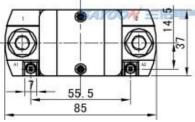
OTHER TECHNICAL PARAMETERS

Contact material	Ag alloy
Load terminal type	M8 Screw
Coil terminal type	M3 Screw

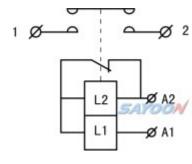
Note:As regarding to the different using environments of customers which requires different focus of the functions, and in order to improve the comprehensive properties of our products, sayoon may adjust the coil parameters, temperature rise and so on. The above parameters are for reference only, For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

INSTALLATION DIAGRAM



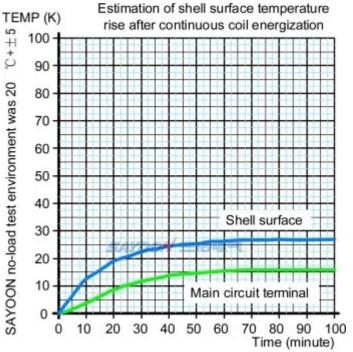


WIRING DIAGRAM



Single Pole Single Throw Contactor. (One Normally Open) 1.2 Contact Terminal A1.A2 Coil Terminal L1 Take-off the winding L2 keep the winding

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.

(m)

CE FC RoHS

3D NUMERICAL AND MODELING INTERACTIVE DISPLAY

QZJ200A-M: <u>http://www.sayoon.com/en/v3d/p.html?type=qzj200a-m</u> QZJ200A-S-M: <u>http://www.sayoon.com/en/v3d/p.html?type=qzj200a-s-m</u>