

Performance and Characters

- Adopt the double row type composite contact, side pull institutions, micro motor prestore and microelectronics control technology, come true zero flashover (no arcing chamber).
- Reliable electrical and mechanical interlocking chain, the implement of the components independently with isolation switch, the use of safe and reliable.
- Using over zero technology, the state of emergency can be enforced under the zero (cut down the 2 ways in the meanwhile) to meet the needs of Fire Fighting.
- Executive load isolation switch using a single motor-driven, transfer reliable smooth, no noise, little impact.
- Operators drive only in the implementation of the electrical load isolation by switching transient current, steady work without providing current, energy-saving significantly.
- Executive load disconnecter chain with a mechanical device used to ensure that reliable standby power of non-interference in each other.
- Obvious off position indicator, padlocks and other functions, high reliability and service life of more than 8000 times.
- Mechatronics design, switching conversion accurate, flexible, smooth and adopt international advanced logic control technology, anti-interference capability, without external interference.
- Cooperation with the main power on and standby power off, or the main power off and standby on, the main power and standby power are both off, three kinds stability working. (I-O-II)
- Easy installation, the control circuit return way adopt the connect and insert terminal connector.
- Four operator models: emergency manual operation, electric remote control operation, emergency disconnected operation under the automatic stating, automatic control operations.

Main Technology Parameters

Rated current (Ith)		20 A	40 A	60 A	80 A	100 A	125 A	160 A	250 A	400 A	630 A	800 A	1000 A	1250 A	1600 A	
Rated insulation voltage (Ui)		750V									1000V					
Rated concussion withstand voltage (Uimp)		8KV									12KV					
Rated working voltage (Ue)		AC440V														
Rated working current(Ie)	AC-31A	20	40	63	80	100	125	160	250	400	630	800	1000	1250	1600	
	AC-35A	20	40	63	80	100	125	160	250	400	630	800	1000	1000	1600	
	AC-33A	20	40	63	80	100	125	160	250	400	400	630	800	800	1000	
Rated connection capacity		10le														
Rated breaking capacity		8le														
Rated limited short-circuit current (Is)		50kA									70kA			100kA	120kA	
Rated short-time withstand current (Is)		7kA						9kA		13kA		26kA		50kA		
Transfer I - II or II - I		0.45s									0.6s		1.2s			
Control power voltage		DC24V、48V、110V AC220V														
Electrical consumption																
Rated frequency	Start	300W						325W		355W		400W		440W		
	Normal	55W						62W		74W		90W		98W		
Weight(kg) 4 pole		7.0	7.2	7.2	7.2	7.5	7.5	8.8	9.0	16.5	17	32	36	40	43	

GA Type Automatic Transfer Switch

- Installation dimensions (20~100A)



• CZS1-100GA series Automatic Transfer

