

Two Section Automatic Transfer Switch

- CZS1 series of PC-class dual-power supply automatic switch (here in after ATSE) is the latest company Technology development of high-tech products. It is in line with GB/T14048.1-2006, GB/T14048.11-2002 superscript, And also with "high-rise buildings fire norms" and "Architectural Design fire norms", "emergency Lighting Design Guide", "civil electrical design specifications."
- Small in volume, convenient in installation
- Self-input and self-restoring, Self-input without self-restoring, automatic or manual is all depends on you, you can choose integral type or split type
- 2 Pole, 3 Pole, 4 Pole all you can choose
- Running parameter could be adjusted
- Rated voltage of 400V, rated current is from 10Amp to 3200Amp

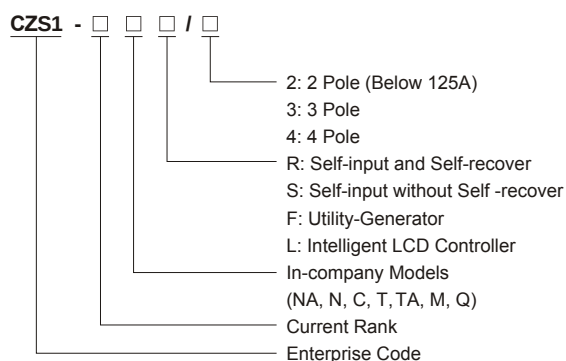
General

With the development of society. People request to the ability of power supply are becoming more and more strictly. Two sources have been used in many conditions to ensure the reliability of power supply. CZS1 series automatic transfer switch is such a new product designed according to this requirement. As the products has the function of Self-input and self-restoring, Self-input without self-restoring, Utility-generator, it can detect the three phases fore wires of utility and the three phase voltage of two sources at the same time. If the primary power is failure, such as over voltage, under voltage or loss phases, it will changeover from the abnormality power to the normal power automatically. The products system in utility-generator, could be sent out a signal. It's perfect capability, reliable, flexible easy to use, wide range of dual-power products, up to the domestic level.

Application

CZS1 series ATS are mainly used for the state of a load, widely applicable to the fire, postal communication, hospitals, hotels, Urban rail transport and high-rise buildings, industrial assembly line, television stations need electricity for the important parts. Main power Emergency Power can be power grids, with Self-excitation generator sets, battery, and so on.

The model of PC class ATS and it's meaning



Structure and characteristic

CZS1 series automatic transfer switch is composed of switch body and controller. Adopt the electromagnetic driver, the working power of controller transfer is based on the main power and the standby power. AC 220V power supply, without additional source. Switch body have an electrical or mechanical switch instruction as an isolation indicator function.

PC class CZS1

Series Dual-power Automatic Transfer Switch

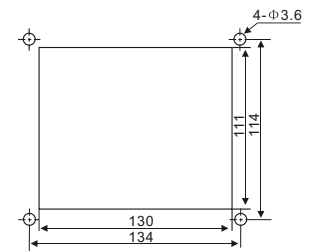
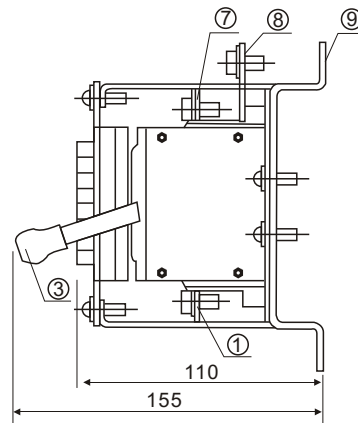


N Type Automatic Transfer switch (Two Sections of Fission Type)

N Type ATS appearance and Installation Dimension



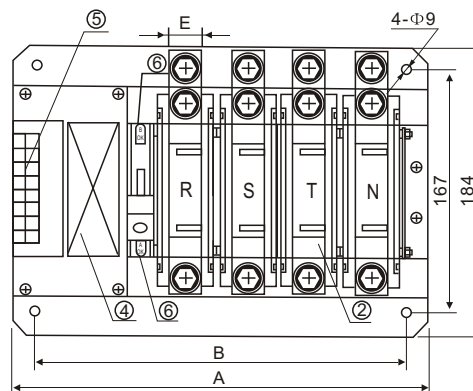
- As the request of consumer, switch handle could be removed. The total height is only 110mm
- Can be equipped with B type controller



Installation Perforation Diagram of CZCU Type Intelligent Controller (Tatal depth 76mm,depth inside of cabinet 65mm)



- Rate current 16、32A



- Load bus
- Power Model
- Control Handle
- Brand
- Connection Terminal
- Transfer Mechanical Indicator Power
- Main Power Bus
- Standby Power Bus
- Base

Model	Pole	CZS1-32N	CZS1-40N	CZS1-63N	CZS1-125N
A	2P	170		191	
	3P	197		228	
	4P	224		265	
B	2P	150		171	
	3P	177		208	
	4P	204		245	
E		12		20	

Technical Parameter of (N) Type ATS

Model		CZS1-32N			CZS1-40N			CZS1-63N			CZS1-125N		
Rated current (A)		25,32			40			63			125		
Operating current (A)		3.5											
Rated short time current (KA)		5											
Service Life	Mechanical	8000											
	Electric	3000											
Pole		2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P
Weight(kg)		3.2	3.7	4.2	4	4.5	5.5	4	4.5	5.5	4	4.5	5.5
Operating Cycle(s/time)		10											