PC ATSE

Isolated automatic transfer switch

GB/T14048.11-2016

CE

GATS-GA



Dual power automatic transfer switch is a new type of automatic transfer switch that integrates switch and logic control in one and truly realizes mechatronics integration. It is suitable for rated insulation voltage to 1000V, rated frequency 50Hz, rated voltage to 400V, and agreed heating current to 800A power distribution equipment of industrial enterprises. The automatic conversion of the main power supply and the standby power supply used as a power supply system or the automatic conversion pole of two load devices are safely isolated; Widely used in hospitals, shopping malls, banks, high-rise buildings, coal mines, telecommunications, iron ore, highways, airports, industrial assembly lines and military facilities do not allow power outage important occasions.

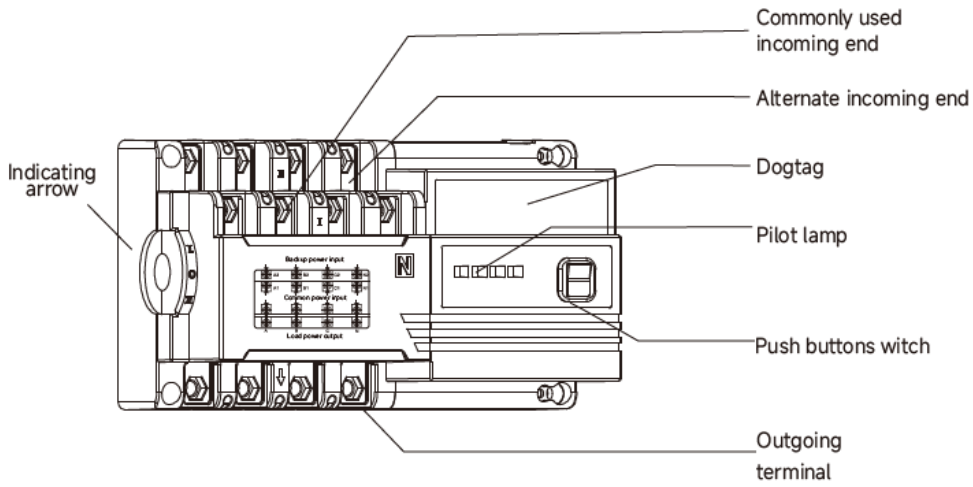
Technical Specification

GATS-GA	
Product shell	125 250 800
Product current	16 20 32 40 50 63 80 100 125 160 180 200 225 250 300 315 400 500 630 800A
Product classification	Load switch type
Product standard	GB/T14048.11-2016
ATSE	PC grade
Switch attachment	IEC947-6-1 GB14048.11
Rated operating voltage(Ue)	AC400V
Rated switching capacity(AEms)	10Ie
Rated Breaking capacity(AEms)	8Ie

Switch control type and corresponding function (automatic switching)

1).Basic type: self-recovery, I route priority, with starting generator signal;
2).Fire type: self-recovery, I priority,DC24V strong cutting, with start generator signal;
3).Intelligent type: split external wiring intelligent controller, with overvoltage, undervoltage, lack of phase, broken equal detection protection, can set I priority, II priority, no priority (self-throw not self-recovery) automatic fire 24V double, fire broken line double, fire feedback signal, start generator signal.
4).Self-recovery: when the usual power is off (or out of phase), the switch automatically switches to the standby power supply, and when the usual power supply returns to normal, the switch automatically returns to the usual power supply.
5).Fire double: In an emergency or equipment maintenance, start the fire power supply (constant voltage), the switch automatically switches to "0" to cut off the power:
6).With generator (oil engine): when the mains power supply is off (or out of phase), it sends a signal to start the oil engine, so that the oil engine automatically starts, such as normal power generation, the switch will automatically convert to the power supply and when the mains power supply returns to normal, the double power switch will automatically return to the mains power supply, and the generator signal will automatically turn off and start, the generator will stop generating power.

Switch structure description



Electrical button switch: control switch internal control line power supply, button switch open, switch to achieve automatic conversion;
Operating handle: When manually operating with the operating handle, the button switch must be turned off first;
Indicator: Indicates the position of the three states (I, O, and II) of the arrow, indicating that the arrow pointing to "I" indicates that the switch I is on, indicating that the arrow pointing to "II" indicates that the switch II is on, indicating that the arrow pointing to "O" indicates that the switch I and the switch II are off (fire fighting).

Switch instruction

1、non-professionals, do not install; Do not open it without our permission to avoid damage.
2、Please read this manual carefully before installation to avoid improper use.
3、the rated voltage of the internal control power supply of the switch is 220V, from the C1.N1 of the common power supply and the C2.N2 of the standby power supply, within the rated control voltage range of 85%-110%, the switch can work normally.
4、the switch into the wire end power supply should have overvoltage protection, so as not to damage the internal circuit board control motor.
5、the switch outlet power supply should have short-circuit protection, so as not to short-circuit the current is too large and burn the switch body.
6、when using the installation, please turn off the electric button switch, and switch to: "0".
7、When wiring the switch, please measure and distinguish the A.B.C.N of the power input line and connect it to the corresponding pole of the switch.
8、before power use, please measure again whether the C.N voltage is within the rated control voltage range of 85%-110%, and then turn on the electrical button switch and formally put into work.