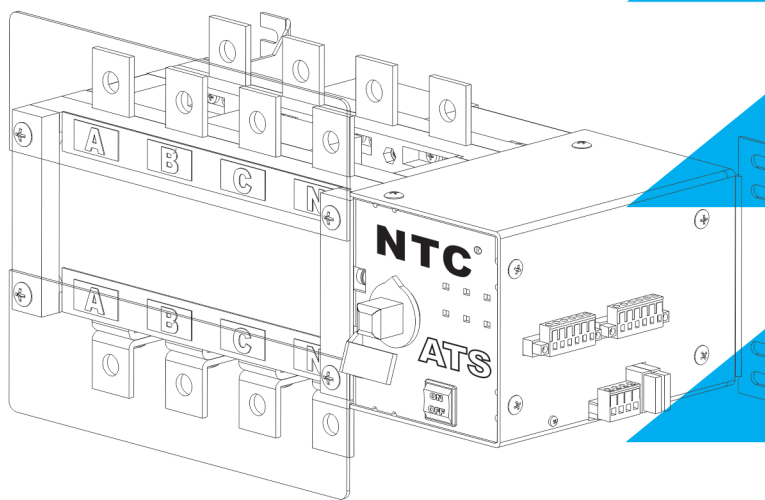


# NTC<sup>®</sup>

## ATS 250A

AUTOMATIC TRANSFER SWITCH



*PC Class AC-33A*

*Motorised Changeover Switch*

*failsafe mechanical interlock*

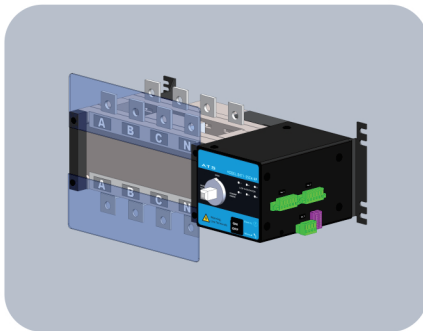
*Intuitive HMI for operation*

*Professional manufacture*

## INTRODUCTION

**NTC** ATS is designed for use in power systems for the safe transfer of a load supply between a main power and a standby power. The changeover is done in open transition and with minimum supply interruption during transfer ensuring full compliance with IEC 60947-6-1, GB 14048-11.

As a PC Class switch, the ATS is capable of “making and withstanding short circuit currents” assigned to IEC 60947-3 utilization categories of up to AC33A.



## FEATURE

### CE certification

Stable and reliable quality

### AC-33A design

Frequent changed in using

### 4 patents technology

One-piece copper platoon output structure

Permanent magnet motor drive technology

Zero overlap switching technology

### Multiple safety protection function

Mechanical and electric duplex interlocking design

Safety zero position design

Safety protection board accessory

### High connection/breaking capability

8le for rated current breaking capacity

10le for rated current connection capability

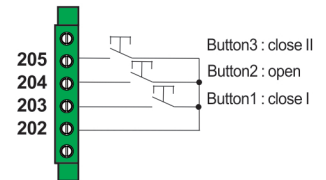
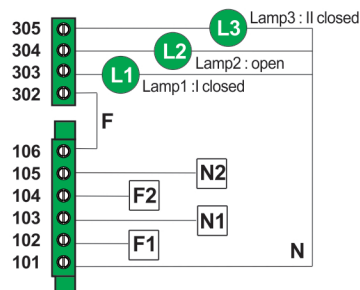
12kV rated impulse withstand voltage

120 kA rated conditional short-circuit current

## TECHNICAL DATA

Agreed thermal current I <sub>th</sub>	250A
Rated insulation voltage U <sub>i</sub>	750V
Rated impulse withstand voltage U <sub>imp</sub>	8kV
Rated voltage of the switch copper	AC 440V
Rated work current I <sub>e</sub> (AC-33A)	250
Rated connection capability	10le
Rated breaking capability	8le
Rated conditional short-circuit current	100kA
Rated short-time withstand current I <sub>S</sub>	13kA
Transfer time I - II or II - I	2.4S
Control voltage of the switch motor	Standard: AC 220V, Option: DC24V, AC110V

## TYPICAL WIRING



F1 N1 main control power in AC 220V  
F2 N2 standby control power in AC 220V

● pilot lamp AC 220V

## DIMENSIONS

