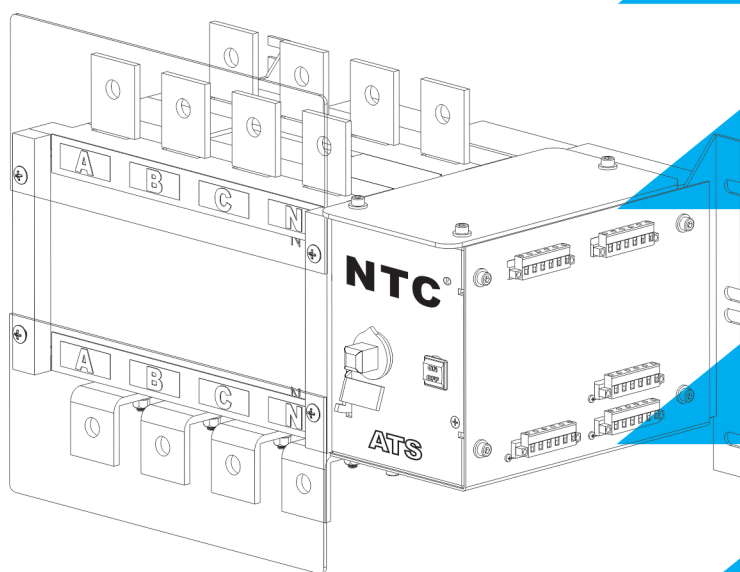


NTC[®]

ATS 400A-630A

AUTOMATIC TRANSFER SWITCH



PC Class AC-33A

Motorised Changeover Switch

failsafe mechanical interlock

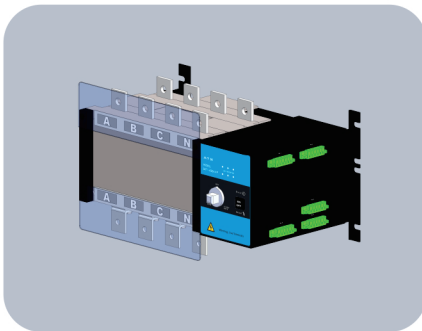
Intuitive HMI for operation

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

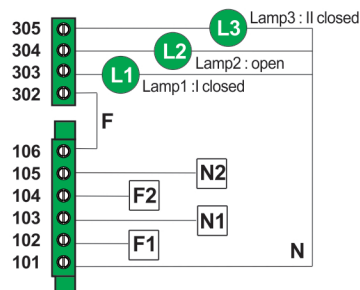
12kV rated impulse withstand voltage

120 kA rated conditional short-circuit current

TECHNICAL DATA

Agreed thermal current I _{th}	400A	630A
Rated insulation voltage U _i	1000V	
Rated impulse withstand voltage U _{imp}	12kV	
Rated voltage of the switch copper	AC 440V	
Rated work current I _e (AC-33A)	400	630
Rated connection capability	10le	
Rated breaking capability	8le	
Rated conditional short-circuit current	70kA	
Rated short-time withstand current I _S	26kA	
Transfer time I - II or II - I	2.4S	
Control voltage of the switch motor	Standard: AC 220V, Option: DC24V, AC110V	

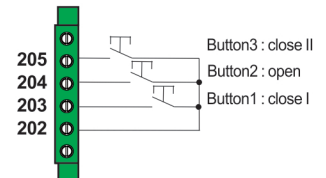
TYPICAL WIRING



F1 N1 main control
power in
AC 220V

F2 N2 standby control
power in
AC 220V

● pilot lamp
AC 220V



DIMENSIONS

