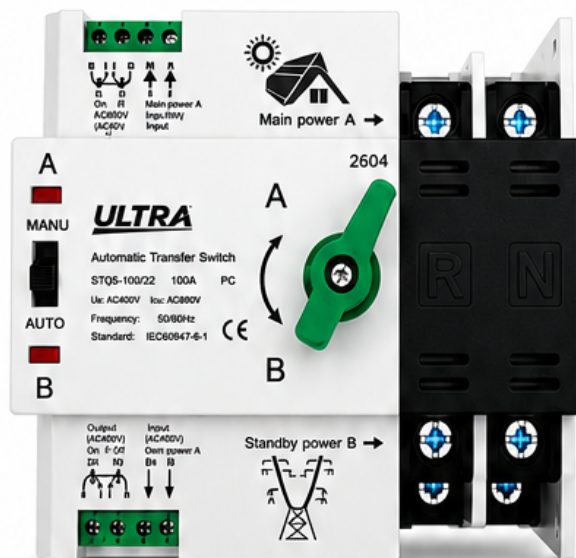




PRODUCT OVERVIEW

The ULTRA STQ5-100/2Z Automatic Transfer Switch (ATS) automatically transfers the load between main power A and standby power B to ensure continuous power supply.

It features reliable performance, simple operation, and is widely used in industrial, commercial, and residential applications.



RELIABLE
PERFORMANCE



AUTOMATIC
TRANSFER



EASY
INSTALLATION

TECHNICAL PARAMETERS

Parameter	Specification
Rated current/Pole qty	63A, 80A, 100A, 125A / 2, 3, 4P
Rated operational voltage/Control voltage	AC400V / 230V/50~60Hz
Rated insulation voltage	AC690V
Rated short-circuit making capacity	8kA
Overvoltage / Undervoltage conversion	270V±5V / 170V±5V
Conversion delay	Main power supply fixed delay of 3S
Conversion speed	<25ms

ADDITIONAL FEATURES



Automatic Transfer
Seamless switching between main power A and standby power B.



Safe & Reliable
High short-circuit making capacity and insulation voltage for enhanced safety.

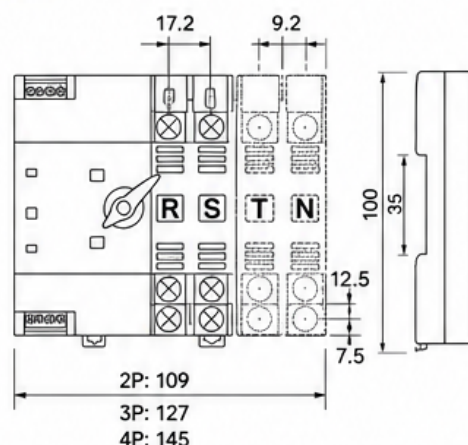


Fast Response
Quick conversion speed <25ms ensures stable power supply.

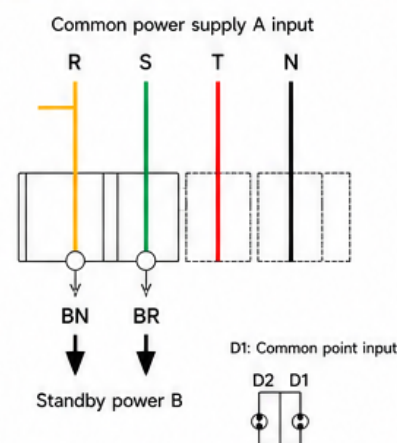


Easy Operation
Manual and automatic modes for flexible control.

DIMENSIONS (mm)



WIRING DIAGRAM



SPECIFICATIONS



Power supply
AC220V 50Hz



Frequency
50/60Hz



PC type
It can connect the load without generating short-circuit current.



Short-circuit protection device (fuse)
RT 16-00-63A



Auxiliary circuit
AC220V 50Hz, Ie = 5A



Conversion times
• Contactor conversion time: <50ms
• Operation conversion time: <50ms
• Return conversion time: <50ms
• Power-off time: <50ms



Mechanical life
≥ 5,000 times



Electrical life
≥ 1,500 times



Usage category
AC-31B



Standard
IEC60947-6-1



CONTINUOUS POWER PROTECTION



SAFE & EFFICIENT OPERATION



BUILT FOR RELIABILITY
YOU CAN TRUST



PRODUCT OVERVIEW

The ULTRA STQ7-63 Automatic Transfer Switch (ATS) is suitable for AC 50Hz, rated working voltage 400V and rated working current up to 63A.

It can be manually or automatically operated to switch between main & standby power supplies.

It is mainly applied in hospital, store, bank, chemical industry, metallurgy, high-rise buildings, military installations and other significant occasions.



**RELIABLE
PERFORMANCE**



**AUTOMATIC
TRANSFER**

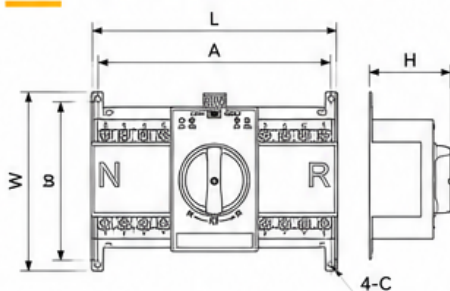


**EASY
INSTALLATION**

TECHNICAL PARAMETERS

Parameter	Specification
Rated current / Pole qty	63A, 80A, 100A / 2, 3, 4P
Rated operational voltage / Control voltage	AC400V / 230V / 50-60Hz
Rated insulation voltage	AC690V
Rated short-circuit making capacity	6 kA
Overvoltage / Undervoltage conversion	270V±5V / 170V±5V
Conversion delay	Main power supply fixed delay of 3S
Conversion speed	<1S

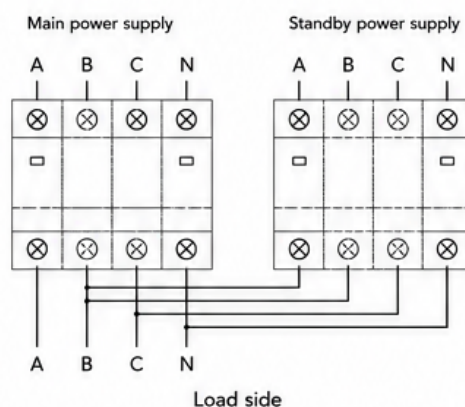
PRODUCT APPEARANCE AND INSTALLATION SIZE (mm)



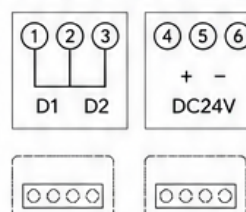
Model#	L	W	H	A	B	C
STQ7-63/4P	225	135	116	207	125	5*10

Un	Main power supply OK
Non	Mains operation
Ur	Standby power supply OK
Ron	Standby power supply operation
AUTO	Automatic operation
Manual	Manual operation

PRODUCT USE WIRING METHOD



External terminal wiring instructions:



Caution:

1-2-3: Internal 220 VAC power output, connected directly to the work indicator, no external power input allowed.

D1: commonly used power closing indicator.

D2: Backup power supply opening indicator.

5-6: firefighting linkage signal input, the DC24V input, the switch transfer to double of position, cut off the load power.

FEATURES



Automatic Transfer

Seamless switching between main power and standby power.



Safe & Reliable

Mechanical & electrical interlock design ensures safe and reliable operation.



Manual / Automatic

Manual or automatic operation selectable.



Easy Installation

DIN rail or screw installation, convenient and efficient.



**CONTINUOUS POWER
PROTECTION**



**SAFE & EFFICIENT
OPERATION**



**BUILT FOR RELIABILITY
YOU CAN TRUST**