

Automatic Transfer Switch 4P

This automatic transfer switch automatically switches a power source from one supply to another if the primary source fails. It is commonly used in backup power systems for essential infrastructure.



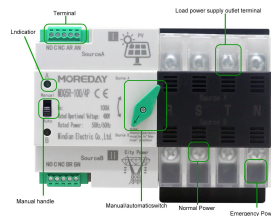
ADDITIONAL IMAGES



Overview

PRODUCT ANALYSIS

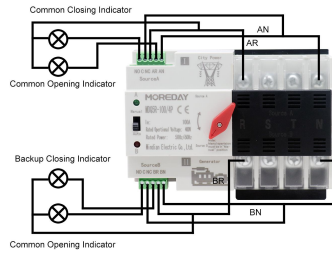
DUAL POWER SWITCH



Reliable Automatic Power Transfer

This 4-pole Automatic Transfer Switch (ATS) ensures a continuous power supply by seamlessly switching between primary and backup sources during disruptions. It is designed for critical infrastructure like hospitals and data centers, as well as residential and commercial backup systems. Supporting both manual and automatic operation, it can manage transitions between utility grids, generators, and renewable energy sources like solar or wind power.

Key Performance Metrics



Performance Highlights

30 ms

Switching Time

125 A

Max Rated Current

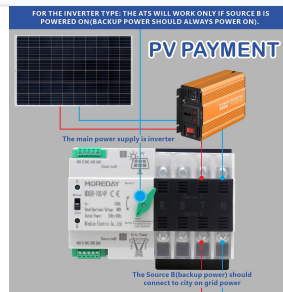
50 KA

Short-circuit Current (Iq)

8 KV

Impulse Withstand Voltage

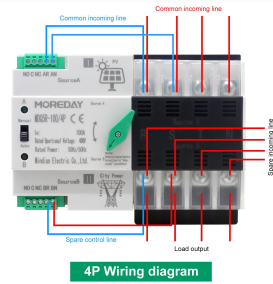
Electrical Characteristics



Voltage Ratings

Parameter	Value
Rated Working Voltage (Ue)	AC400V, 50HZ
Rated Insulation Voltage (Ui)	AC690V, 50HZ
Control Circuit Supply Voltage (Us)	AC220V, 50HZ
Working Condition Range	85% Us ~ 110% Us
Available Rated Currents	32A, 40A, 50A, 63A, 100A, 125A

Physical & Installation



Available Poles

- 2P
- 3P
- 4P

Weight by Configuration

Poles	Weight (KG)
2P	1.7
3P	2.1
4P	2.6

Installation Method

Din rail

Durability & Protection

Electrical Endurance

6000 cycles ($2.0I_e 1.05U_e \cos\phi = 0.80 \pm 0.05$)

Recommended SCPD (Fuses)

RT16-00-63A

Ancillary Features

Isolated Relay Contacts

Equipped with two isolated relays. Each relay features 2 groups of passive switch contacts with a capacity of AC220V 50Hz, $I_e=5A$.

Compliance & Quality

Certifications

Moreday has a number of product and appearance patents, and a number of authoritative certificates are attributed to our internal R&D team.



CE, CB, TUV, IEC, RoHS, CCC,.....

Product Certifications

CE • CB • TUV • IEC • RoHS • CCC