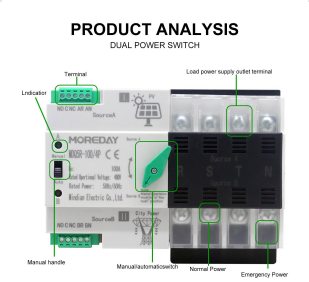
# Automatic Transfer Switch 4P

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



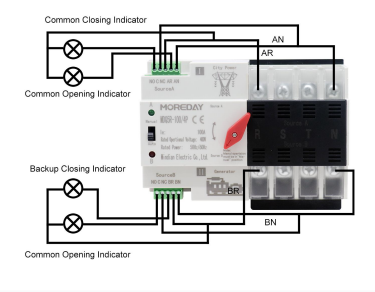
## Overview




### 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.

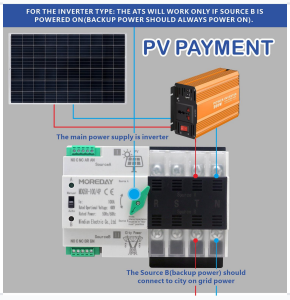
## Key Performance Metrics




### Performance Highlights

| 30 ms | 125 A | 50 KA | 8 KV |
|---|---|---|---|
| Switching Time | Max Rated Current | Short-circuit Current (Iq) | Impulse Withstand Voltage |

## Electrical Characteristics

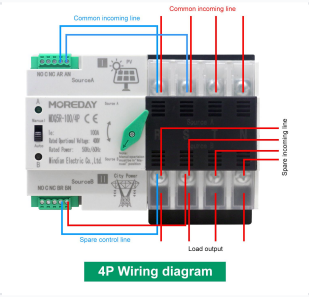



### Voltage Ratings

| 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



4P Wiring diagram

### 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

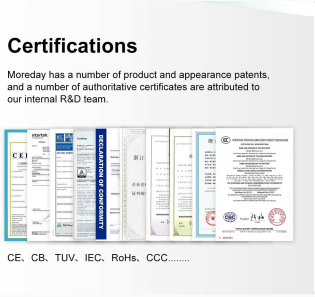
| | |
|---|---|
| Electrical Endurance | 6000 cycles (2.0Ie 1.05Ue cosÆ=0.80±0.05) |
| Recommended SCPD (Fuses) | RT16-00-63A |

## 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, Ie=5A.

## Compliance & Quality




### Product Certifications

CE • CB • TUV • IEC • RoHS • CCC