

Honorific customers,

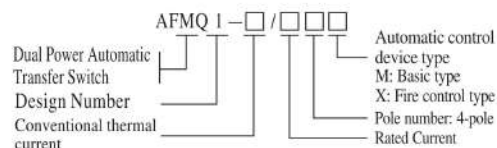
Thank you for choosing the AFMQ1125 ~ 1800 series automatic transfer switching equipment (hereinafter referred to as ATSE) produced by our company, for your safety and correct use of this product, please read this manual carefully before installation, circuit wiring, running and maintenance inspection.

Notice:

The installation, operation, using and maintenance of the equipment must be carried out by qualified professionals. The company will not be responsibility for any bad consequence caused by operations not according to the operating manual.

AFMQ series Dual Power Automatic Transfer Switch

1. Model and significance



2. The main technical parameters

Accord: IEC 60947-6-1 GB/T14048.11-2016

Conventional thermal current	125A	250A	630A	800A
Rated insulation voltage	800V			
Rated impulse withstand voltage	8KV			
Rated operating voltage	AC400V			
Rated operating current	16A, 20A, 32A, 40A, 50A, 63A, 80A, 100A, 125A	125A, 160A, 200A, 250A	315A, 400A, 500A, 630A	630A, 700A, 800A
Rated making capability	10KA	25KA	35KA	35KA
Rated short-time withstand current 1s 30ms	5KA	15KA	20KA	20KA
Conversion time	>5S			
Control supply voltage	AC220V			
Motor energy consumption	Start condition 100W, Normal condition 15W			
Life	10000	5500	3500	
Use category	AC-331B			
Weight	2.2	5.6		

AFMQ1125~1800A Dual Power Automatic Transfer Switch

Note:

Non-company staff please do not disassemble this product to prevent equipment and personal accidents.

1. Usage and use environment

GLOQ4-125~800A dual power automatic transfer switch (abbreviated as ATS) is suitable for AC 50/60Hz, AC rated voltage to 400V or under. Rated current 125-630A is suitable for the mutual conversion of two power supply of emergency power supply system during the power exchange. Power is interrupted to the load during power change.

The switch works reliably under the following conditions:

Altitude does not exceed 2000 meters

Ambient temperature is not higher than +40°C, not lower than -5°C

Relative humidity of air is not over 95%

No explosive medium, and the medium does not have enough gas and dust to corrode metals and destroy insulation.

No significant shake or shock

No rain or snow attack

Note: If the expected ambient temperature is higher than +45 or at -5°C ~ -45°C, It should be explained to the manufacturer.

II. Structure and features

1. Structure

The switch is composed of a main body switch made of a glass fiber unsaturated polyester resin shell, a micro motor, a multi-stage reduction device, and a single-chip control device.

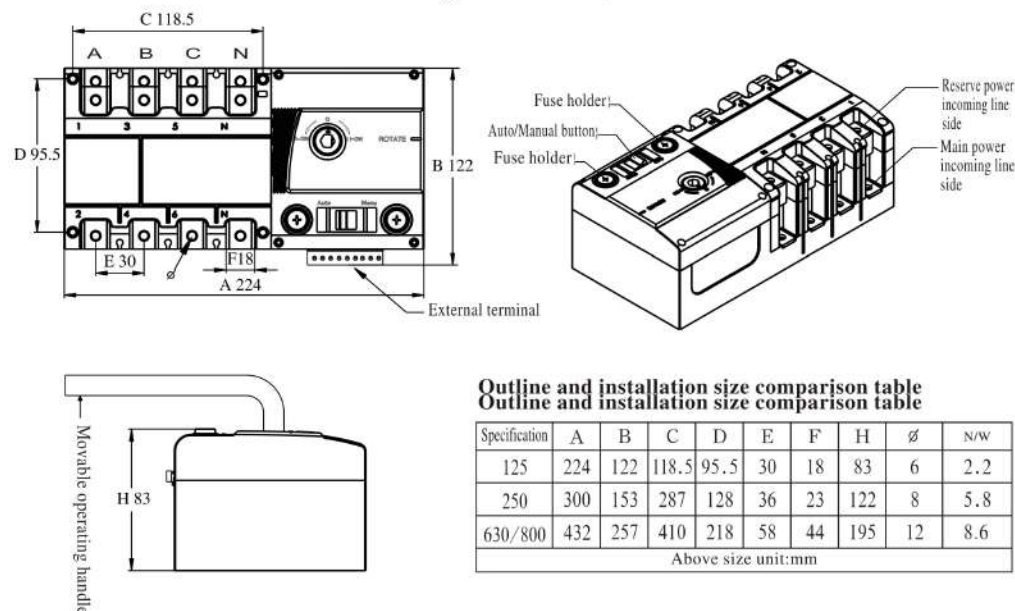
2. Characteristics

The switch has three operating functions:

First, manual handle operation; Second, manual remote control operation; Third, automatic control operation.

The switch has three status positions .

III. Outline installation dimension drawing (Size units: mm)



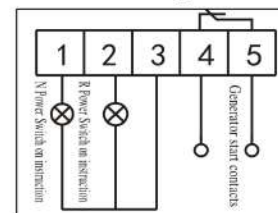
Outline and installation size comparison table

Specification	A	B	C	D	E	F	H	Ø	N/W
125	224	122	118.5	95.5	30	18	83	6	2.2
250	300	153	287	128	36	23	122	8	5.8
630/800	432	257	410	218	58	44	195	12	8.6

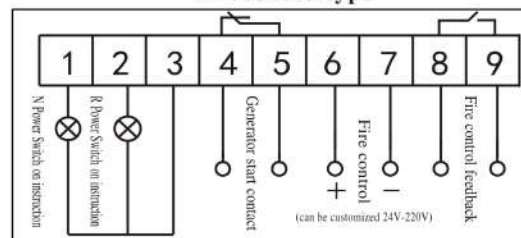
Above size unit: mm

IV. Secondary wiring diagram

Basic Type



Fire control type



- (1) Manual, automatic button: control switch internal control circuit power, When automatic is selected, the switch automatically transfer When manual is selected, the switch can only be operated by the handle
- (2) Operating handle: When use the switch with the operating handle, the button must be in manual mode.
- (3) Position indication: surface switch working status position
- (4) Switch body: the front part is the II#, connected to the "Reserve power supply"; the rear part is the I #, connected to the "Normal power supply"

CERTIFICATE OF QUALITY

Name: Transfer Switch

Model: AFMQ1 SERIES

Ex factory date: _____

Inspector: _____

This product has passed test, approved for release



MADE IN CHINA