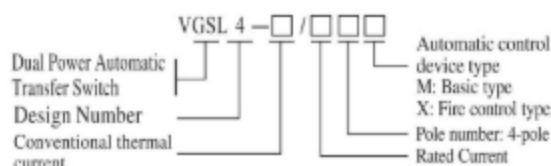


The installation, operation, using and maintenance of the equipment must be carried out by qualified professionals. The company will not be responsible for any bad consequence caused by operations not according to the operating manual.

1. Model and significance



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

VGSL4-125~800A dual power automatic transfer switch(abbreviated as ATS)is suitable for AC 50/60Hz, AC rated voltage to 400V or under. Rated current 125-800A 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.

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

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

Conventional thermal current	125A	250A	400A	630A	800A
Rated insulation voltage	800V				
Rated impulse withstand voltage	8KV				
Rated operating voltage	AC400V				
Rated operating current	63A, 80A 100A, 125A	160A, 200A 250A	315A, 400A	500A, 630A	800A, 1000A
Rated making capability	10KA	25KA	35KA	35KA	35KA
Rated short-time withstand current I _{st} 30s	10KA	15KA	20KA	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-33B				
Weight	2.2kg	5.6kg	18kg	18.3kg	18.5kg

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

1. Structure

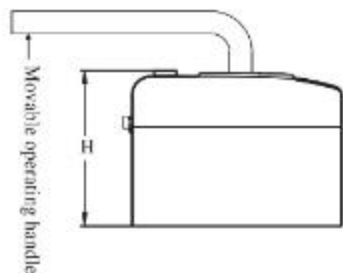
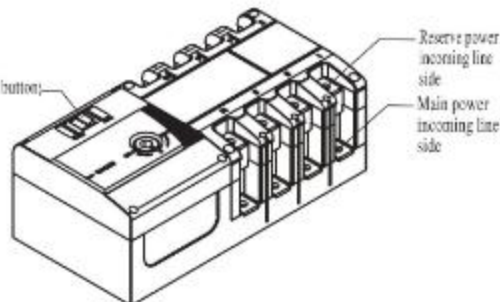
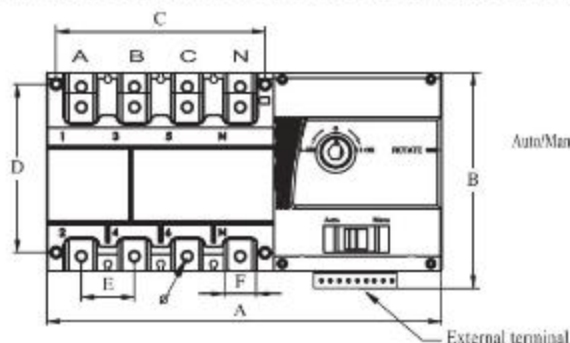
The switch is composed of a main body switch made of a glass fiber unsaturated polyester resin shell, a micro motor, a multi-stage reduction device, and a single-chip control device.

2. Characteristics

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

The switch has three status positions **I** **O** **II**.

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



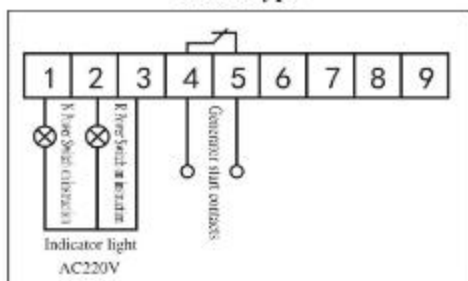
Outline and installation size comparison table

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

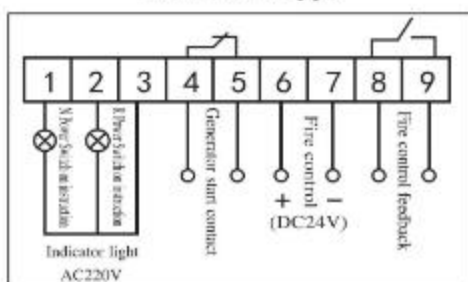
Above size unit:mm

IV. Secondary wiring diagram

Basic Type



Firecontrol 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: VGSL4 Series

Ex/factory date: _____

Inspector: _____

This product has passed test, approved for release