

# YC6VAZs Electronic phase switch



### General

Function description: When a phase of L1, L2, L3 overvoltage, undervoltage or phase lacked, the relay will be disconnected and automatically search for the normal phase, and switch to open the relay of the normal phase, switching priority L1>L2>L3!

### Technical data

Model	YC6VAZs		
Rated Supply voltage	AC 220V		
Operation voltage	AC 80V-400V(single phase)		
Rated frequency	50/60Hz		
Electric current(>A)setting range	63A/80A/100A		
Overvoltage(>U)setting range	230-300V		
Undervoltage(<U) setting range	110-210V		
Reset/start delay	1-30S		
Voltage measurement accuracy	2%(Not exceeding 2% of the overall range)		
Rated insulation voltage	400V		
Output contact	1NO		
Electrical life	10 <sup>5</sup>		
Mechanical life	10 <sup>6</sup>		
Protection degree	IP20		
Pollution degree	8		
Altitude	≤2000m		
Operatintg temperature	-50°C~55°C		
Humidity	<50% at 40°C(without condensation)		
Storage temperature	-30°C~70°C		
Current Specification	63A	80A	100A
Rated Operating current(In,A)	63A	80A	100A
Max Operating Current I <sub>max</sub> (A,within 10min)	80A	100A	60A
Max power of load (KW)	13.9KW	17.6KW	22KW

### Default Setting

Technical Parameter	Setting range	Step	Factory Setting
Over-voltage protection value	AC230V-300V	1V	AC270V
Under-voltage protection value	AC210V-140V	1V	AC170V
Recovery delay time	1S-30S	1S	1S

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### Function Setting

**220 220 220**  
**000**  
 Press the L key to set the undervoltage value, short press or long press again to adjust the undervoltage  
 Press SAVE to save when finished

**270**  
 Press the H key to set overvoltage value, short press or long press again to adjust the overvoltage value  
 Press SAVE to save when finished

**170**  
 210-140V  
 Press the TIME key to set the delay recovery time value, short press or long press again to adjust the value of the delay recovery  
 Press SAVE to save when finished

**1**  
 1-30S  
 Press SAVE to save when finished

### Overall and mounting dimensions

