Intelligent Transformer AVR

APS-B series

CE

Specially for transformer & voltage regulation equipment

Specialized design of voltage regulator and voltage transformation, changing from 3 phase 380V to 3 phase 220V at capacity between 12 and 15 KVA. The equipment is most suitable for matching with precision machine for export. Control and mechanism of APS series Intelligent model has the function of voltage transformation, voltage regulation, warning and protection.

Feature:

- Double over-current protection design
- Big range high/low voltage protection device
- Dip-switch protection setting
- Intelligent logic voltage regulation design
- Innovative panel design
- Short circuit protection

- Independent regulation and protection design
- Self-detecting function
- Instant tripping protection device
- Module design
- Phase loss protection

※ Application:

| EDM | Grinding Machine | WEDM | Integrated Processing Machine | Milling Machine | AI Component Inserting Machine |

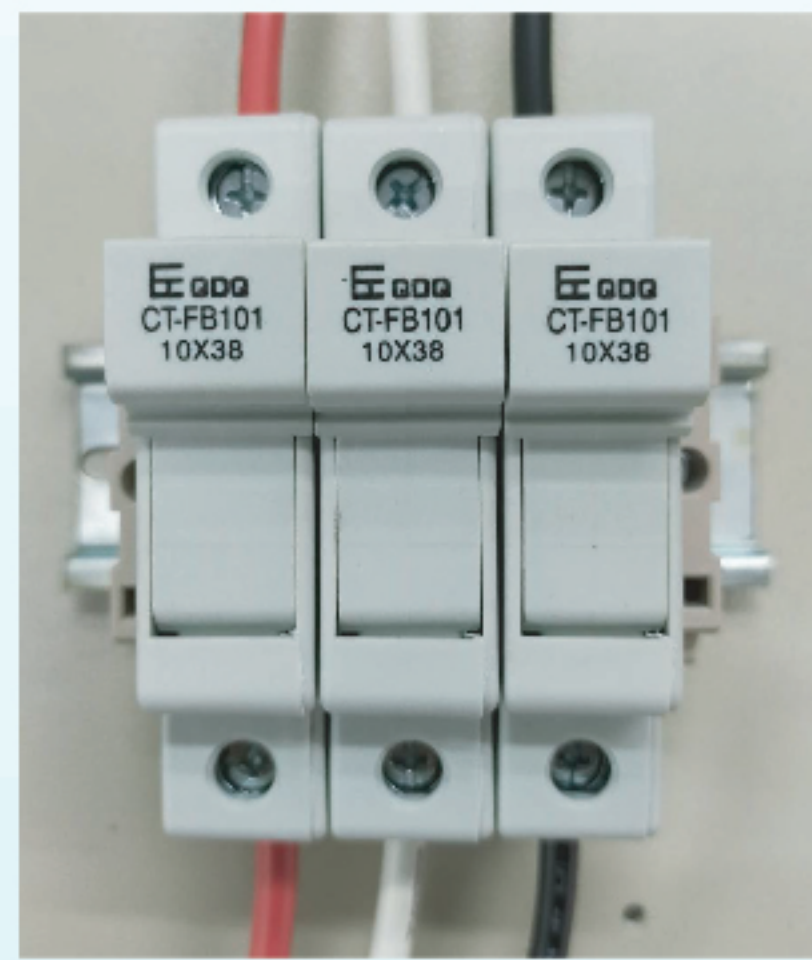| Multi-Function Main Control PCB	Solid Input/ Output Protection	Double Overload Protection Device	Specific Lamp Indicator, Include Fools Proof	Top Grade NFB
Including 3 phase time-series inching, self detection, multiple layer big range setting and high / low voltage protection.	Output and input wires are wired from middle and up to left and right and fixed with cable fastener to form firm wiring.	In addition to NFB, there is device preventing output overload	Individual indicator for each of 3 phase and high / low voltage and normal indicators, forming a most humanized design	Incorporated with top grade NF type High-Voltage resistance No -Fuse Breaker with precise overload tripping function
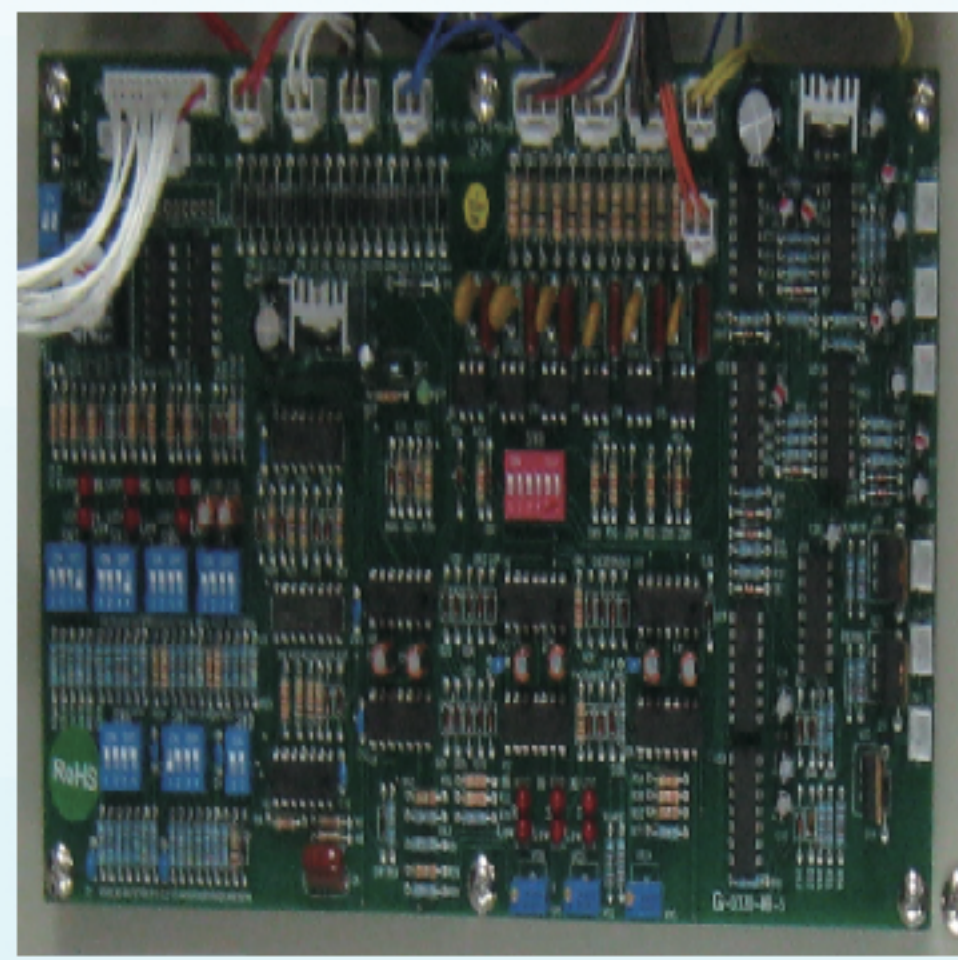
Model & Specification:

Model No. (APS-B)		312NY	315NY	312YNY	315YNY
Capacity		12KVA	15KVA	12KVA	15KVA
Input Voltage		3ϕ4W 220/380V		3ϕ3W 380V	
Output Voltage		3ϕ4W 127/220V		3ϕ3W 220V	
Input Range		±15%			
Output Accuracy		≦1%			
Frequency		50/60Hz±5%			
Response Time		＜0.1 second			
Waveform Distortion		No distortion			
Power Factor		0.95～1			
Efficiency		≧98%			
Overload		150% for 10 seconds			
Protection	High Voltage	Standard Feature (can be Various / Multi / Big range pre-set and LED displayed)			
	Low Voltage	Standard Feature (can be Various / Multi / Big range pre-set and LED displayed)			
	Phase Failure	Standard Feature (can be Various / Multi / Big range pre-set and LED displayed)			
	Overload	Standard Feature			
	Short Circuit	Standard Feature			
Bypass		Standard Feature			
Indicators	Power	Standard Feature			
	Voltage	Standard Feature			
	Abnormal	Standard Feature			
Environment		Temperature: 0℃~45℃ Humidity: 0%~95% RH (Non-Condensing)			
Dimension WxHxD (cm)		36x63x58			