

AUTOMATIC VOLTAGE SWITCHER - 3 PHASE

AVS3P - 0

The AVS3P-0 is an Automatic Voltage Protector designed to protect three phase loads from voltage fluctuations, over voltage, under voltage, surges, dips and frequent start/stops. The output is a single volt-free changeover contact, rated at 16A. This is intended to control an external contactor, control circuit, start/stop system or alarm. If the voltage on any one phase goes above or below the pre-set limits (the 'window'), then the AVP3P-0 will switch off. Once the voltage returns within the window limits, the AVS3P-0 will wait for a pre-set time, continuing to check the voltages, before automatically turning the load back on. The over voltage, under voltage and delay settings are all adjustable using controls in the terminal compartment of the AVS3P. The standard window that is considered acceptable is 185V-260V (320V-450V three phase). Outside these limits electronic and electrical equipment are likely to be damaged.



✓ Applications

All electrical and electronic appliances



✔ Offer Protection Function for Home Appliances:



High Voltage



Low Voltage



Spikes/ Surges



Power-Back Surges



Basic Lightning

✔ Connection Diagram



✔ Technical Data

AUTOMATIC VOLTAGE SWITCHER 3 PHASE

Current	16A@230V
Nominal	230/240V
Wait Time	10 Seconds to 10 Minutes (Factory Set: 4 Minutes)
Window Limits	Adjustable
Hysteresis	4V
Socket Type	Direct via brass screw terminal
Fused Plug	N/A
RFI Protection	No
Attenuation (db)	No
Spike Protection	160J @ 230V
Max Consumption	35VA
Max Supply (phase to neutral)	320V