

AVS30

LED Status Troubleshooting



The AVS30 protects appliances from voltage fluctuations, spikes, and power-back surges. This 30 Amp automatic switcher disconnects during unsafe voltage and reconnects after a delay, preventing frequent switching. It endures high voltages up to 415V (230V) or 220V (115V) during disturbances, providing surge/spike protection.

Indications

LVD	LVR	ON	HVR	HVD
Low Voltage Disconnect	Low Voltage Reset	Good Voltage	High Voltage Reset	High Voltage Disconnect

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1A	Powering Up – Equipment OFF AVS is powering up, conducting a brief self-check. LED indicators flash for 2 seconds. Equipment is OFF as Output has yet to switch ON					
1B	Checking Supply – Equipment OFF Utility Supply is now available. Output will switch shortly ON after 10 seconds (or other WAIT time)					
1C	Good Voltage – Equipment ON Utility Supply within an acceptable level. After 10 s (or other WAIT time), Output switched ON providing supply stays within normal limits as per User Low/High Settings					
2A	LVD Activated – Equipment ON Countdown for (User Set) LVD Blind Time. Delayed equipment operation but equipment is still working (Output ON)					
2B	LVD Activated – Equipment OFF Low Voltage Disconnect has been activated. Equipment will stop working (Output OFF)					
2C	LVR Activated – Equipment OFF Low Voltage Reset has been activated. Voltage restored to acceptable levels and Equipment will turn on (Output ON) after WAIT countdown is completed					
3A	HVD Activated – Equipment OFF High Voltage Disconnect has been activated. Equipment will stop working (Output OFF)					
3B	HVR Activated – Equipment OFF High Voltage Reset has been activated. Voltage restored to acceptable levels and Equipment will turn on (Output ON) after WAIT countdown is completed					
4	Bad Frequency Mains supply frequency has drifted from 50/60Hz					
5	Calibration Error Calibration error detected during self-check. Contact Sollatek for assistance					



TIMESAVE™ is an intelligent time delay feature designed to activate when the AVS (Automatic Voltage Switch) connects to the Utility Supply and detects an absence of power for more than 3 minutes. In such instances, the AVS will power on after a 10-second delay or according to a user-defined WAIT time.

