

The ILLUMRA A/C Saver is an electronic control unit that adds state of the art intelligence to existing AC systems improving efficiency up to 30% resulting in a short ROI (return on investment) period. Its sensor-driven software algorithms are designed to detect thermodynamic saturation and to optimize the compressors accordingly. When overcapacity is detected, the A/C Saver switches the compressor off and avoids inefficient over cooling.

WIRING DIAGRAM



Specs

	NWO-ACSVR
Input	24 VAC 50/60 Hz Max. Current consumption: 15 mA - 90 mA Sensor measuring range: min. 14°F (-10°C), max 130°F (55°C) Max. allowable temp. At sensor: 70°C / 160°F
Output	Contact Function: NO (normally open) Switching Voltage: 24V - 230V AC Max. Switching Current: 12A Continuously / 120A Inrush (20ms) at 250V Switching Voltage Anti-short Cycling Protection: 3 minutes (1 minute upon power-up)
Dimensions	6.8" x 1.2" x 1.6" (173mm x 32mm x 42mm)
Operating Conditions	Operating Temperature: min. 32°F (0°C), max 130°F (55°C) Relative Humidity: min. 15%, max. 90%, No Condensation
Approvals	CE

