

NVLogiQ PSU



Features

The NVLogiQ PSU is an adaptive Environmental Ventilation single zone control panel and can be networked in multi zone projects.

The control panel can also be linked directly to the NVLogiQ Room Controller to operate the Automatic Opening Vents (AOVs) based on changing internal and external conditions, acting as the Building Management System, to provide a specific adaptive Environmental Ventilation control strategy for the building environment.

Alternatively, the NVLogiQ PSU can operate on a stand alone basis operating on manual switches or can be connected to the BMS to operate the AOV's as required.

The NVLogiQ PSU can be installed into new and refurbished buildings where there is a focus on indoor air quality and energy saving.

The physical size and appearance has been purposely designed to enable surface mounting for new and refurbishment projects.

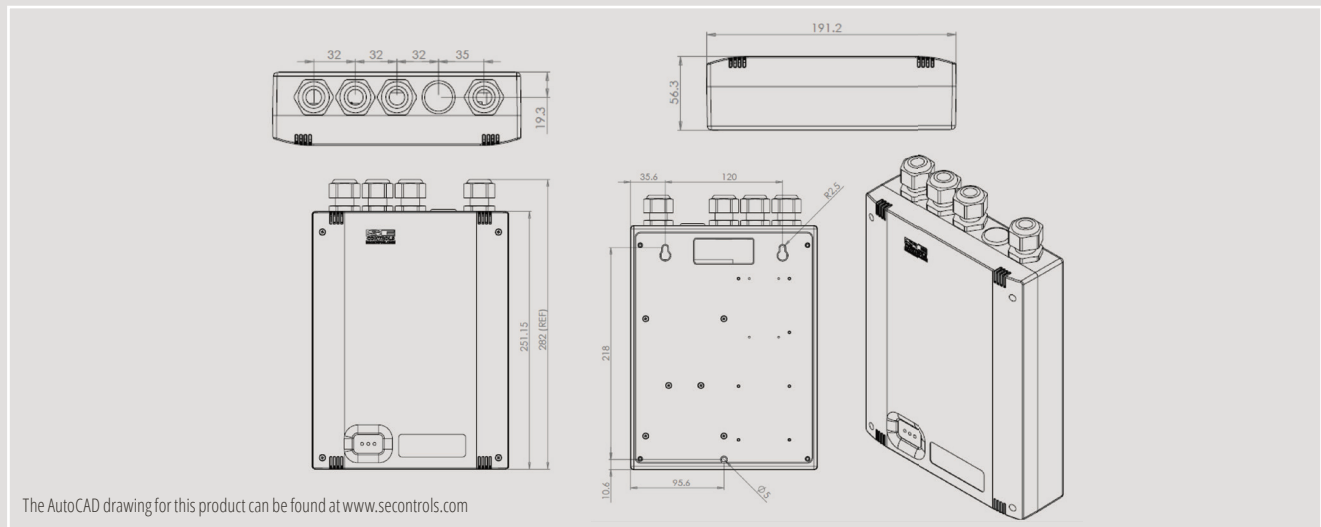
Accreditations



Applications



Technical Drawing



Power

- Class 1
- Supply: 230V ac 50/60 Hz from a fused un-switched spur
- 4.8A Variant - NPS 0001 0002
- Input:
 - 100-120V ac 3.5A
 - 200-240V ac 2.0A
- Note: For 115V ac operation, the mains input voltage selection switch must be set on the internal power supply.
- Output: 4.8A max actuator run current
- Note: Start up peak current needs to be considered and can vary depending on actuator type. Derate linearly to 70% load from +50 to +70°C.
- Real time clock battery average life 10 years

Environment

- Rating: IP20
- Humidity Range: 10 to 90% Non-Condensing
- Storage: -20 to + 75 °C
- Operating temp: -10 to + 50 °C

Miscellaneous

- Dimensions: 251.15 (excluding glands) x 191.2 x 56.3mm
- Cable entry: via five 20mm end mounted cable glands
- 0-10 Volts signals must remain stable and 'spike' free for a period of 2 seconds before the controller will respond to them. In 10% step mode, the controller only responds to 0-10V signals in steps of whole volts +/- 250mV. In 5% step mode, each step is half a volt.

NVLogiQ™ Part Numbers

NVLogiQ PSU Control Panel 4.8A

NPS00010002