

PSP - 1/2/3

Power Supply Panel - 1 / 2 / 3



Quick Facts

- 230 V AC input
- 24 V AC output
- Miniature Circuit Breaker (MCB) protection
- Multiple power supply output terminals per interface and actuator groups
- LED Power indication for supply and main protected circuits
- Fused terminals
- Key-locked panel door
- Finished in RAL 7035

Power Supply Panel (PSP) - 1/2/3

Power Supply Panel provides a dedicated 24 V AC supply to SFDIs or SDIs and the 24 V AC actuator groups they control.

Available in three sizes: PSP-1, PSP-2, and PSP-3.

The quantity of SFDI / SDIs and 24 V actuator groups per panel depends on the actuator load - the total load can not exceed the rated output.

Power supply panels can be mounted locally to the damper control panel, or distributed through the building to minimise cabling.

Installers should be mindful of voltage drop on 24 V cable runs, therefore extensive daisy-chaining of 24 V supplies should be avoided.



WARNING: If the equipment is used in a manner not specified by Safeguard Systems Ltd, the protection provided by the equipment may be impaired.

	PSP-1	PSP-2	PSP-3
Size - mm (WxHxD) (NTS)	400 x 500 x 210	400 x 500 x 210	500 x 500 x 210
Devices	<ul style="list-style-type: none"> • 1no. 150 VA Transformer • 1no. 2A C-MCB • 1no. 6A C-MCB 	<ul style="list-style-type: none"> • 1no. 300 VA Transformer • 1no. 4A C-MCB • 2no. 6A C-MCB 	<ul style="list-style-type: none"> • 1no. 500 VA Transformer • 4no. 6A C-MCB
Panel Features	<ul style="list-style-type: none"> • Keylocks on door • Cable numbering • 1no. Power Supply Healthy LED (green) • 1no. 24 V Damper Circuit Power LED (green) • up to 10no. +V&-V 24 V fused output terminals • Maximum output 150 VA 	<ul style="list-style-type: none"> • Keylocks on door • Cable numbering • 1no. Power Supply Healthy LED (green) • 2no. 24 V Damper Circuit Power LEDs (green) • up to 20no. +V&-V 24 V fused output terminals • Maximum output 300 VA 	<ul style="list-style-type: none"> • Keylocks on door • Cable numbering • 1no. Power Supply Healthy LED (green) • 3no. 24 V Damper Circuit Power LEDs (green) • up to 30no. +V&-V 24 V fused output terminals • Maximum output 500 VA
Colour	RAL 7035		
Hinged	Left		
230 V Power Cables	Top entry (RHS)		
24 V Power Cables	Top entry (LHS)		
Notes	Must be kept in a ventilated environment. Code: European Cable Colour L/Brown N/Blue E/Green&Yellow		

Power Supply Panel PSP-1

To supply up to 10 SFDIs / SDIs and 24 V actuator groups - maximum output 150 VA.

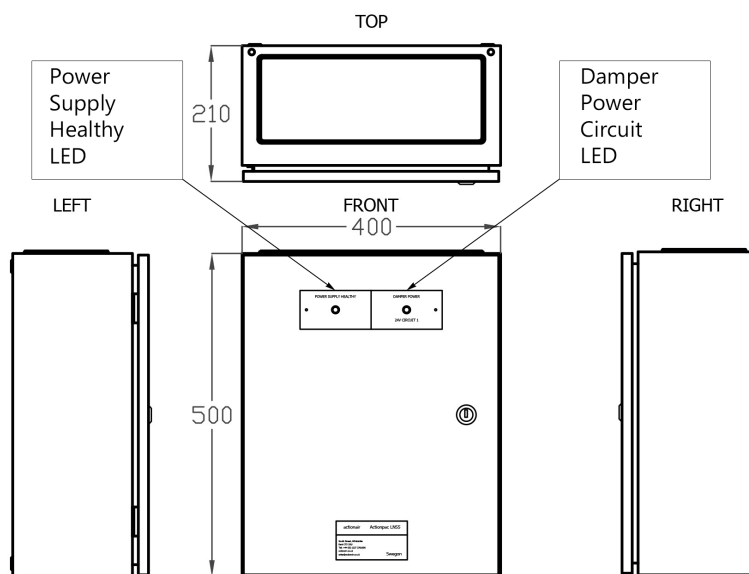


Figure 1. PSP-1 top, front, left, and right views, and LEDs

Power Supply Panel PSP-2

To supply up to 20 SFDs / SDIs and 24 V actuator groups - maximum output 300 VA.

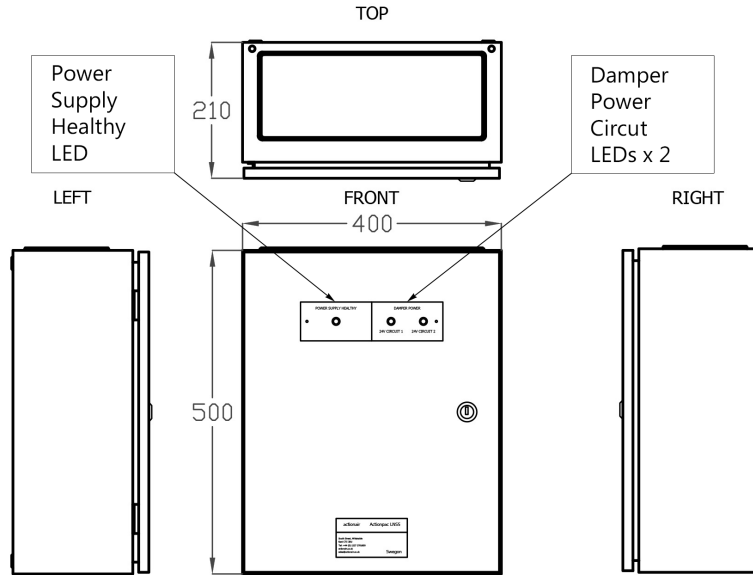


Figure 2. PSP-2 top, front, left, and right views, and LEDs

Power Supply Panel PSP-3

To supply up to 30 SFDs / SDIs and 24 V actuator groups - maximum output 500 VA.

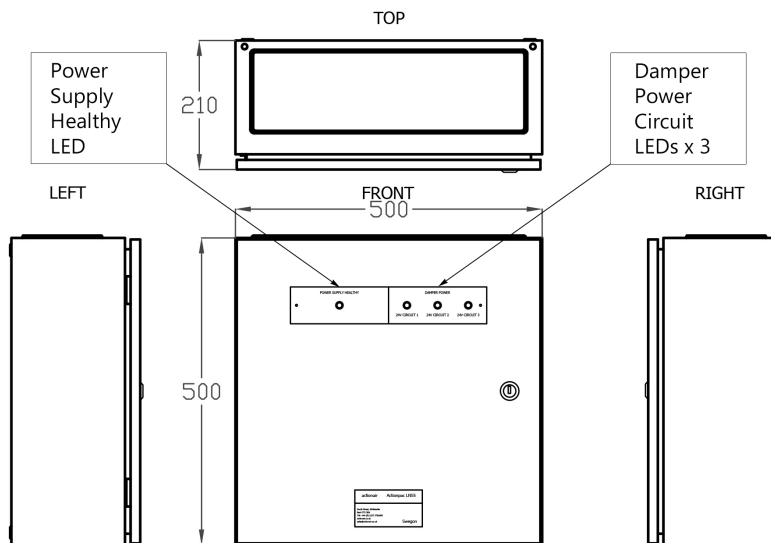


Figure 3. PSP-3 top, front, left, and right views, and LEDs