



HLSPS DB2 Power Supply

EN54-4 and EN12.101-10/AC /2007 Approved

Honeywell's PSU includes all of the necessary monitoring and standby capability demanded by EN54-4 and EN12101/10 Smoke & Heat Control Systems (Power Supplies). The unit comes within a steel enclosure for ease of use, offering two cabinet formats: 2A or 4A alarm capability.

The unit has an input that may be used to disable the battery charging in a fire condition so that the full output is provided to the driven equipment. This maximises the output current capability whilst allowing full monitoring and protection of the outputs. This flexibility means that the power supply to offer appropriate standby (e.g. 24 or 72 hours) for the system may be selected.

FEATURES & BENEFITS

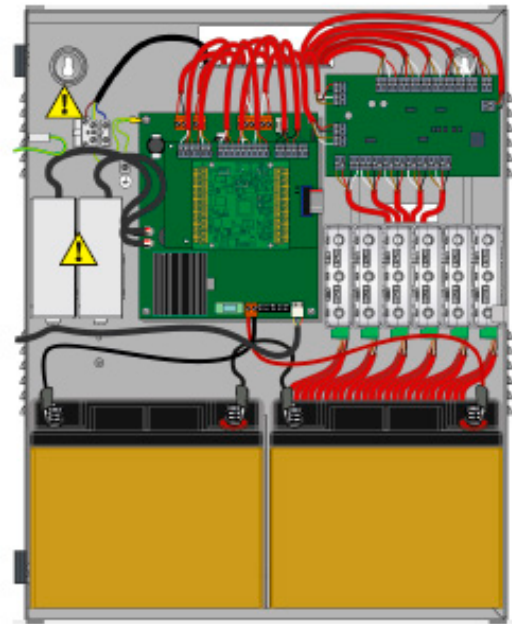
- Output range: 20Vdc to 28.8Vdc
Nominal Output: 28.8Vdc
- Top, bottom or rear cable entry
- 24-hour or 72-hour standby capability
- Fully monitored to EN54-4
- Local LEDs for fast fault-finding
- Selectable earth fault monitoring
- (120 to 253)Vac / 50Hz input
- Protected against short circuit and overload
- Removable terminals for up to 2.5mm cable
- Fire alarm charger disable facility
- Volt-free fault relay output
- Common Fault, Battery Fault, Mains fault, Earth Fault
- Space for up to 45Ah in the HLS PS DB2 when selecting Out1+Out 2 = Max 2.2; Max 4A (in Alarm mode)

INSTALLATION

Easy to use surface mounting steel enclosures with knock-outs for top or rear cable entry.

HLSPS DB2 Power Supply Technical Specifications

DIMENSIONS	
HLSPS-DB2:	410.5(w) x 490.2(h) x 202.5(d) mm
MOUNTING HOLE CENTRES	336mm (horizontal), 405mm (vertical) (see diagram)
CONDUIT KNOCKOUTS	Top: 2 knockouts \varnothing 21mm 6 knockouts \varnothing 6 mm Rear: 8 knockouts \varnothing 20 mm
ENCLOSURE PROTECTION	IP 30
ELECTRICAL CHARACTERISTICS	
INPUT VOLTAGE	120 Vac to 253 Vac
NUMBER OF OUTPUTS	1 or 2 outputs configurable through DIP SW1-1
OUTPUT VOLTAGE	28.8V dc \pm 1.2%
OUTPUT CURRENT	PS25 2.5A, PS50 5A (with battery charging disabled)
CHARGER CURRENT	7Ah, 12Ah, 17Ah, 26Ah, 38Ah and 45Ah configurable through DIP 1/5,6,7
APPROVAL	EN54-4 / A2 and EN12010-1
FAULT RELAY	Double contact C, NC, NO Rated load 0.3A @ 125 VAC; 1A @ 30 VDC
MAINS FAULT RELAY	Configurable delay 30 minutes DIP SW1/4
CABLE CAPACITY	2.5mm CSA



Product range

ORDER CODES	DESCRIPTION
HLS PS - DB2	24VDC Power Supply, up to 3 Amp / Batteries: 26Ah, 38Ah, 45Ah
HLS PS - ADPTR	Adapter board to connect the HLSPS-DB2 to esserbus (alarm transponder 808623 required)

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HLSPS-DB2-Fire
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