RISC⊘

Marketing Release Note

3.5A Power Supply Expander

RP432EPS350A

RISCO is happy to announce the release of the new 3.5A Power Supply Expander.

The 3.5 Amp Power Supply expansion module is a reliable and cost-effective solution with the flexibility of installing it inside the LightSYS+ panel's box or in its own enclosure away from the control panel, while remaining fully supervised.

Advantages

Flexible

Can be installed inside the panel box or in its own enclosure away from the control panel, while remaining fully supervised.

Cost Effective

Can be easily installed in the RISCO large panel boxes, allowing installers to use the box of their choice.

Protected

The SMPS is shielded by a robust plastic casing with optimum protection. This minimizes the possibility of any damage occurring during the installation process and provides ESD protection.

Compatibility

The 3.5A Power Supply Expander is compatible with LightSYS+ only*

Firmware version: 3.01

CS version: 5.00.11

* We will keep a limited stock of the RP128PSPSEUA for LightSYS 2 new installations and maintenance of existing installations.

Unlike the previous 3.0 A SMPS, this version will not be sold as a kit. In case it is used outside the LightSYS+ box, the configuration is:

- Box

    LightSYS+ large box:

    RP432BP4000A   LightSYS+Large Plastic Box+TMP

    Or

    RP432BP3000A   LightSYS+,Base+Metal Cover+TMP

- Power Supply

    RP432PS45NCA   4.5A P.S, Without AC cable

- Rechargeable Battery

    Lead Acid 12V Up To 21 Amp-Hours (AH)

Certifications:

CE, RCM, EN50131-6 Grade 2/3 Class II, PD6662:2017, INCERT TO33, NFA2P (in final stages)

Ordering Information

RP432EPS350A   3.5A Power Supply Expander

Specifications

- **Input voltage** – AC/DC adapter input 100 -240VAC Output 14.4V 4.5A +- 5%

- **AUX** out 11-14Vdc up to 3.5A max

- **80% Battery** capacity charge within 24H (EN50131-6 grade 3)

- **Deep discharge** protection with Automatic override.

- Up to **21AH** battery

- **Automatic switch** between Back-Up Battery and Main Power

- **Supervise** Back-Up Battery (with load) status

- **Supervise** Main Power

- **Supervise** Aux Out.

- Short circuit **protection** for Back-Up Battery and Auxiliary Out.

- **Tamper** input .

- **Diagnostic** – Voltage , Current

- **BUS** communication meet RISCO BUS protocol and Hardware.

- Support **Remote upgrade**

- Support **allocation by SN**