



Satel APSP-402 ACSP System Remote Repeater Panels User Manual

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APSP-402 ACSP System Remote Repeater Panels



Product Information

APSP-402 Repeater Panel

Specifications:

- **Model:** APSP-402
- **Product Type:** Repeater Panel
- **Compatible with:** FIRE ALARM SYSTEMS ACSP System / Remote repeater panels
- **Power Consumption:** 65 mA (standby), 75 mA (alarm)
- **Current Consumption:** 60 mA (standby), 70 mA (alarm)
- **Protection Rating:** IP30
- **Battery Capacity:** 12 V / 17 Ah
- **Power Supply Output:** 1.4 A
- **Website:** www.satel.eu

Product Usage Instructions

1. Installation:

To install the APSP-402 Repeater Panel, follow these steps:

1. Choose a suitable location for the panel, preferably near the main control panel of the fire alarm system.
2. Mount the panel securely on a wall or other appropriate surface using the provided mounting brackets.
3. Connect the power supply to the designated input on the panel.
4. Connect the communication cables between the main control panel and the repeater panel.
5. Ensure all connections are secure and properly tightened.

2. Operation:

The APSP-402 Repeater Panel provides an interface for monitoring and controlling the fire alarm system.

Follow these instructions to operate the panel:

1. Power on the panel by switching on the power supply.
2. The panel will display relevant information such as alarm status, system status, and event logs.
3. Use the provided buttons or touch screen (if available) to navigate through the menu options.
4. Monitor the alarm status, system faults, and other important information displayed on the panel.
5. In case of an alarm, follow the predefined procedures for handling the specific type of alarm.
6. Refer to the user manual of the fire alarm system for detailed instructions on configuring and managing the system using the repeater panel.

3. Maintenance:

To ensure proper functioning of the APSP-402 Repeater Panel, perform regular maintenance tasks:

- Keep the panel clean and free from dust or debris by wiping it with a soft, dry cloth.
- Check the power supply and communication cables for any signs of damage or loose connections.
- Test the panel periodically according to the fire alarm system's maintenance schedule.
- Follow any additional maintenance procedures recommended by the fire alarm system manufacturer.

Frequently Asked Questions (FAQ):

1. Q1: Can I use the APSP-402 Repeater Panel with any fire alarm system?

A1: The APSP-402 Repeater Panel is designed to work with FIRE ALARM SYSTEMS ACSP System and remote repeater panels. Please refer to the compatibility information provided by your fire alarm system

manufacturer.

2. **Q2: How can I access the event logs on the repeater panel?**

A2: Navigate through the menu options on the panel using the provided buttons or touch screen. Look for the “Event Logs” or similar option to access the event logs.

3. **Q3: What is the power supply output of the APSP-402 Repeater Panel?**

A3: The power supply output of the APSP-402 Repeater Panel is 1.4 A.

APSP-402

REPEATER PANEL

The repeater panel is designed for the remote operation of the ACSP addressable fire alarm control panel. The ACSP-402 control panel can be connected with one APSP-402 repeater panel. The panel may be installed inside a protected facility, within 1,000 meters from the control panel

- remote control of the control panel on levels 1 and 2 as using the front panel of the control panel connection to the control panel over the RS-485 communication bus LEDs for signalling the status of the control panel
- **LCD display for:**
 - presenting information about the alarm presenting messages viewing the list of current disablement, test or failure conditions viewing the history of alarms and other events built-in piezo transducer for acoustic signalling
 - switching mode power supply APS-318 included enclosure with a space for a 12 V / 7 Ah battery automatic switching to back-up power supply (battery) in case of failure of the main power supply



TECHNICAL DATA

- Operating temperature range -5...+40°C
- Supply voltage ($\pm 15\%$) 230 V AC, 50-60 Hz
- Maximum humidity 93 \pm 3%


- Dimensions 324 x 382 x 108 mm
- Maximum current consumption from the 230V network 250 mA
- Transit temperature range -25....+55°C
- Operating duration of the stand-by supply 72 h
- Maximum internal apparent resistance of the battery (with cables and terminals in a circuit) $1,1 \pm 10\% \Omega$
- Current draw from the battery when detecting 65 mA
- Current draw from the battery when emitting an alarm 75 mA
- Current draw from an integrated AC power adapter when detecting 60 mA
- Current draw from an integrated AC power adapter when emitting an alarm 70 mA
- Sealing of the casing IP30
- **Stand-by supply:** internal acid battery 12 V / 17 Ah
- Maximum battery charging current 1,4 A




The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only

www.satel.eu

Documents / Resources

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|  | <p>Satel APSP-402 ACSP System Remote Repeater Panels [pdf] User Manual APSP-402 ACSP System Remote Repeater Panels, APSP-402, ACSP System Remote Repeater Panels, System Remote Repeater Panels, Remote Repeater Panels, Repeater Panels</p> |
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References

-  [Intelligent Security Solutions | SATEL](#)
-  [ACSP-402 Fire alarm control panel](#)
-  [TCPDF](#)
- [User Manual](#)