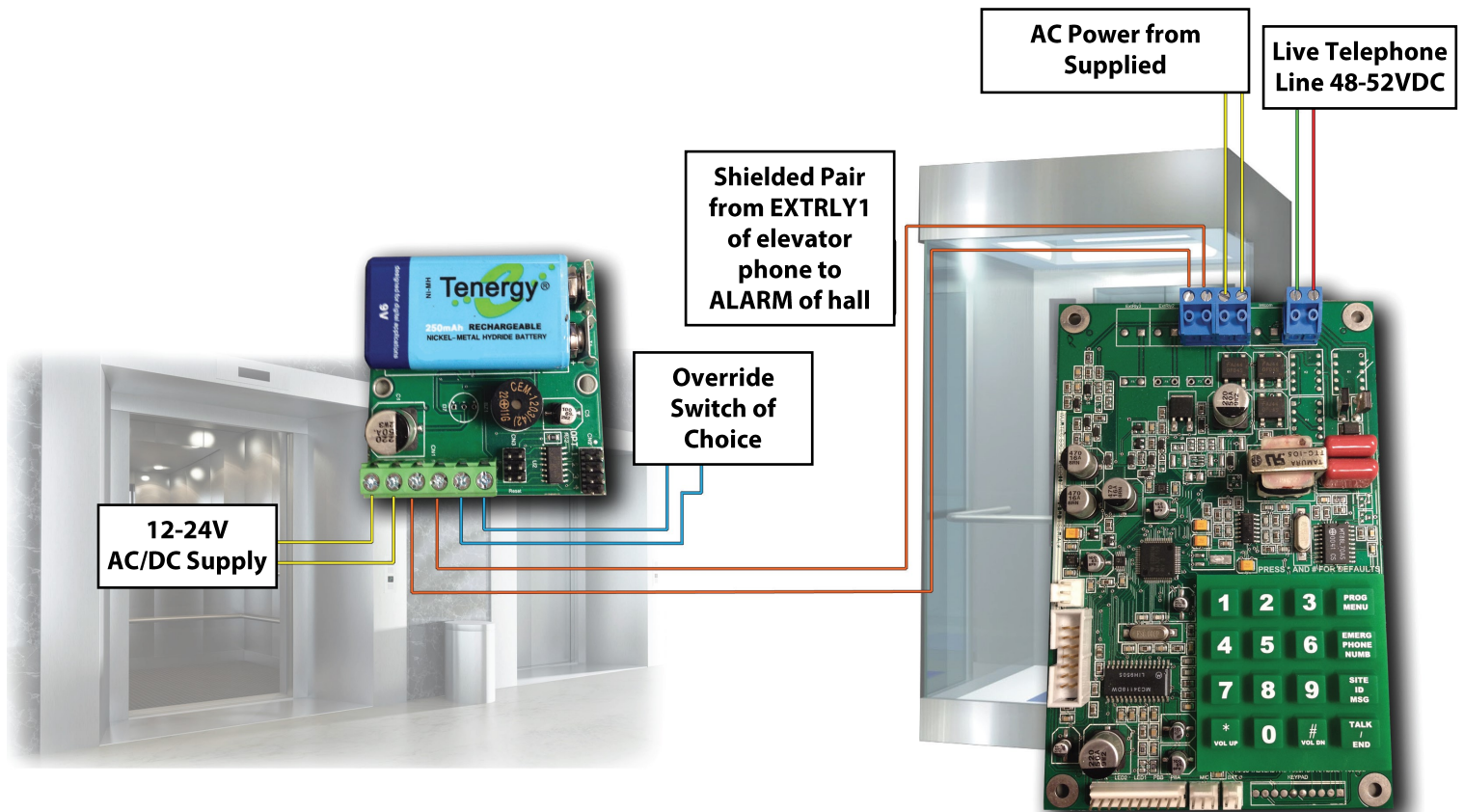


S3C COMMUNICATION ALARM



Part No. 11-930-



Part No. 11-930-CAA



IMPORTANT INFORMATION

- The **S3C Communication Alarm** will beep and flash a **red LED** for 1 second every 30 seconds in the event of a telephone line failure. The alarm will beep and flash an **amber LED** for 1 second every 30 seconds in the event of a power line failure. The alarm will beep **twice** and flash an **amber LED twice** within 1 second every 30 seconds in the event of a battery failure.
- In the event of multiple failures, the **telephone line** failure alarm will take precedence. These warnings will occur until the failure is resolved or the override is activated.
- If the override is activated, the audible alarm will silence, but a **green LED** will continue to flash for 1 second every 30 seconds until the failure is fixed or the override is cycled.
- If a failure is not fixed within 24 hours, the audible alarm will start to sound again. This will continue until the failure is fixed or the override is cycled.
- In the event of a power failure and the board is running on just battery power, the battery will last at least 4 hours. Once the battery has died and external power has not been re-established, the board will cease to function until power is applied.
- The S3C Communication Alarm will automatically charge the rechargeable 9V battery (included) when external power is applied.
- In the event of multiple telephone failures, use “talk/end” on the S3C phone to determine which phone has failed. If all phones have failed, the incoming main line may be down.

FAQ/TROUBLESHOOTING

Can I use the transformer supplied with the S3C elevator phone to power both the phone and the S3 Communication Alarm?

No. The supplied transformer does not supply enough current to power both devices. Use the transformer for the S3C phone and either a separate transformer or constant power from the elevator controller to power the alarm in the hallway. DO NOT use controller power for the phone.

Do I have to use a shielded pair for connection between the S3C elevator phone and the S3 Communication Alarm?

It is HIGHLY recommended that shielded cable be used. Without shielding, a voltage can be induced on the line and cause the S3 Communication Alarm to beep and flash erratically.

What does it mean when the S3 Communication Alarm flashes green with no sound?

The S3 Communication Alarm is in override mode. This means the S3 Communication Alarm detects a fault but has been silenced from beeping. A fault can be a phone line failure, a power failure on the S3 Communication Alarm, or a battery failure on the S3 Communication Alarm.

Does the 9V battery have to be rechargeable?

YES. Both the S3C phone and S3 Communication Alarm require a rechargeable 9V battery (supplied). Each device has a charge function to keep the battery maintained. If a non-rechargeable battery is used, it could leak or explode and cause damage to equipment.

Can I hook multiple S3C phones to one S3 Communication Alarm?

Yes. Simply parallel the shielded pair coming from EXTRL1 of each S3C Phone to the ALARM terminal of the S3 Communication Alarm.

The S3 Communication Alarm is beeping erratically. What is wrong?

Be sure shielded cable is used between the S3C phone in the elevator and the S3 Communication Alarm in the hallway. Also be sure a separate power source is being used for each device.

The phone line is disconnected from the S3C phone in the elevator. Why is the S3 Communication Alarm not beeping or flashing?

When the phone line is disconnected or has failed, the device waits 15 minutes before declaring it a phone line failure. This is to avoid false alarms. Also be sure to check that external power is live at the S3C phone in the elevator.

Can I use just telephone line power to power the S3C phone?

No. Although the S3C phone can work with just telephone line power, if the phone line fails, there is no power to signal the S3 Communication Alarm in the hallway. External power must be used on both the S3C phone in the elevator and the S3 Communication Alarm in the hallway.