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# Asentria Technical Notes

## Safety Warnings

(Created 24 June 2025)

### Installation

» **Note Security:** This product must be installed within a restricted access location where access is through the use a tool, lock and key, or other means of security, and is controlled by the authority responsible for the location. This product must be installed and maintained only by qualified technicians.

» **Note de s curit :** Cet  quipement doit  tre install  dans un local dont l'acc s est prot g  soit physiquement (cadenas, cl , ?), soit par un syst me de contr le d'acc s (cl   lectronique, code, ?). Tous ces moyens doivent  tre g r s et contr l s par le responsable du site. L'installation et l'entretien de cet  quipement ne doivent  tre confi s qu'  des techniciens qualifi s.

» **Note:** An appropriate disconnect device shall be incorporated in the building installation wiring.

» **Note:** Un dispositif de d connexion appropri  doit  tre int gr  au c blage de l'installation du b timent.

» **Note:** The DC input should be protected by an external 2A DC rated slow Blow Fuse suitable for branch circuit protection, at the power supply or within the building circuitry. The input DC power current limiting fuse circuit is provided for by the end user, and is required for unit operation in compliance with safety agency approvals.

» **Note:** L'alimentation en courant continu doit  tre prot g e par un fusible externe de 2 A, adapt    la protection des circuits de d rivation, soit au niveau local, soit au niveau de l'installation g n rale du b timent. Cette protection, requise pour le bon fonctionnement de l' quipement et conforme aux normes fix es par les organismes de s curit , doit  tre fournie par l'utilisateur.

Ensure conditions A-E will be met by the installation before proceeding.

A. Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient.

Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (TMA) specified by the manufacturer.

B. Reduced Air Flow- Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

C. Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

D. Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing.

E. Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

» **Caution:** DANGER! FIRE HAZARD! DO NOT LEAVE AN UNCONNECTED WIRE EXPOSED! DO NOT CONNECT THE UNIT TO ANY OTHER EQUIPMENT UNTIL YOU KNOW THE UNIT POWERS UP CORRECTLY!

» **Attention:** DANGER! INCENDIE ! NE LAISSEZ PAS LES FILS NON CONNECTÉS EXPOSÉS ! NE PAS connecter l'appareil à tout autre équipement avant de savoir que l'appareil soit correctement!

## ► Connection to DC Power

Run two sets of wire to the SiteBoss power input. For A/B redundant systems one circuit should be feed from the A plant distribution, and one circuit from the B plant distribution. If A/B redundant power feeds are not required ignore all instructions for B side power feeds.

Ensure the rack that the unit is mounted in is properly grounded. Measure the resistance between the rack and building steel, aisle ground, or other properly grounded locations. The resistance should be <1 ohm. If this is not the case, connect a chassis ground point on the SiteBoss to the facilities ground system.

» Ensure that the upstream circuit protection device for both circuits is off or removed before proceeding. Confirm this with a digital multi-meter. It should read 0V between the + and - feed cables in each circuit.

» Veillez à ce que le dispositif de protection des deux circuits amonts soit éteint ou retiré avant de poursuivre. Vérifiez le avec un multimètre numérique: la tension, entre les + et - des câbles d'alimentation de chaque circuit, doit être 0V.

## ► Battery Warning

» **CAUTION:** THERE IS A RISK OF EXPLOSION IF THE BATTERY IS REPLACED BY AN INCORRECT TYPE. Replace with batteries of the same type or as recommended by the manufacturer. Dispose of used batteries according to the instructions.

» **ATTENTION:** II Y A DANGER D'EXPLOSION SI LA BATTERIE ORIGINALE EST REMPLACÉE PAR UNE BATTERIE D'UN AUTRE MODELE. N'UTILISER QUE DES

BATTERIES DU MEME TYPE OU SUIVRE LES RECOMMANDATIONS DU  
CONSTRUCTEUR. LES BATTERIES USAGEES DOIVENT ETRE MISES AU REBUT SELON  
LES INSTRUCTIONS DU CONSTRUCTEUR.