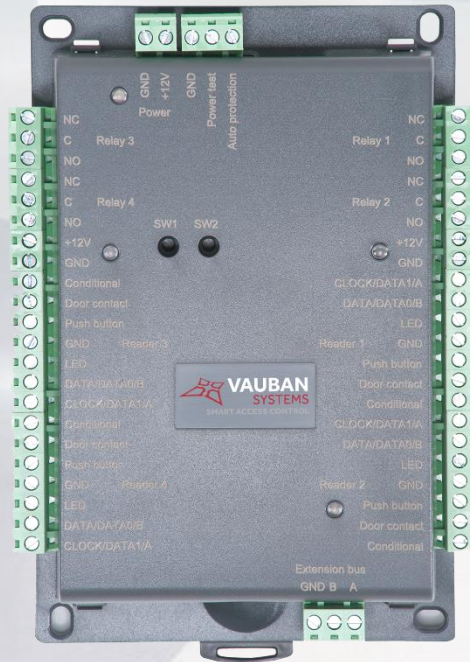


V-EXT4+ V-EXT4+ 220

TECHNICAL INFORMATION



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ACKNOWLEDGEMENT

Dear client,

You have just purchased a "**VEXT-4+**" extension module manufactured by the French company Vauban Systems.

We thank you for your interest in our products.

If you want more information about our range, please visit our website www.vauban-systems.fr.

We wish you a trouble-free installation.

Vauban Systems



INFORMATIONS ET RECOMMANDATIONS



Pursuant to European directive UTE C00-200 incorporating directives 2004/108/CE, V-EXT4+ complies with the following standards:

- + NF EN 50081-1 governing electromagnetic radiation
- + NF EN 50082-1 governing electromagnetic susceptibility.

- + **Cabling recommendations:** the cables used to connect readers, the network and other peripherals must be installed in accordance with the instructions for Level 2 (protected environment) of standard NF EN 61000-4-4.

- + **This product must be installed by an approved company.** Incorrect installation and use may result in electric shock or fire. Before installation, read the technical information and comply with the recommendations for assembling the product.

- + **For the 220V version, once the power is turned off, all the internal capacitors will discharge themselves to a safe level after 60 seconds under normal conditions. However, in the event of a power failure, the charge may be maintained for much longer and suitable precautions should be taken before handling the product.**



CARACTERISTIQUES TECHNIQUES

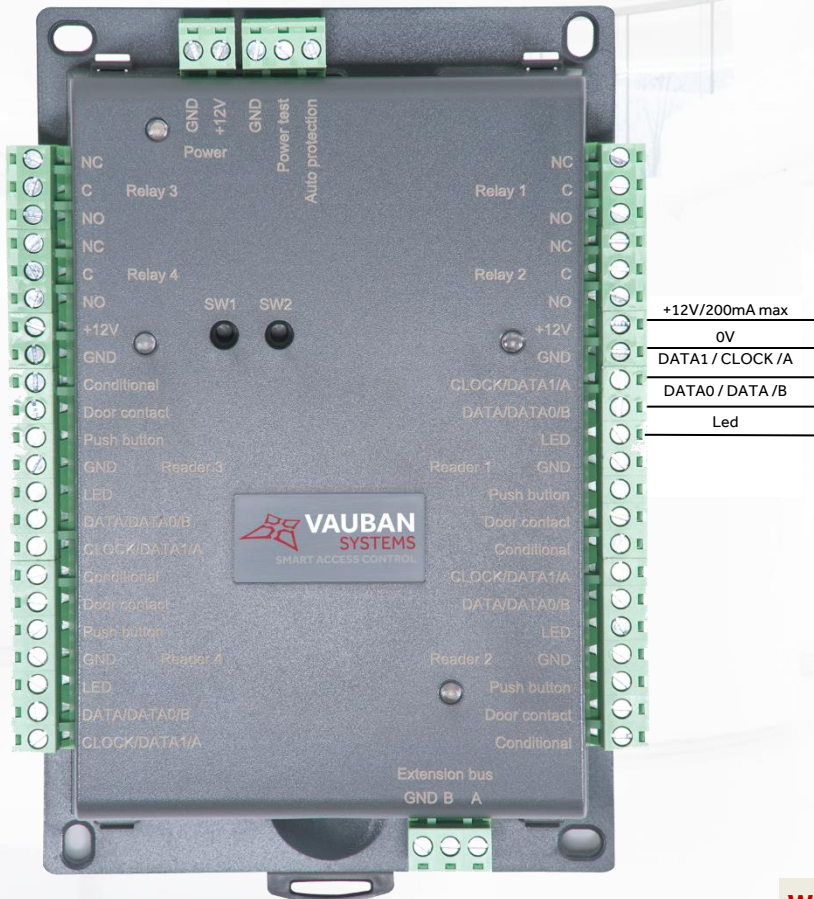
V-EXT4+

+ Maximum power consumption	400 mA
+ Supply voltage	9 – 14VDC
+ Weight with housing	282g
+ Housing dimensions	170 x 119 x 40 mm
+ Operating temperature	0°C à + 50°C
+ Control relay	1A / 12V – 1A / 24V

V-EXT4+ 220

+ Weight with housing	4Kg
+ Housing dimensions	365 x 310 x 90 mm
+ Operating temperature	0°C à + 50°C
+ <i>Integrated 220V power supply</i>	
○ Output voltage	12V
○ Maximum output current	3A et 2A
○ Battery connection	12V, 7Ah (dim. 151 x 97,5 x 65 mm) or 12V, 18Ah (dim. 181 x 167 x 76 mm)
○ Control relay	1A / 12V – 1A / 24V

CONNECTING A DEVICE USING THE WIEGAND, CLOCK&DATA OR RS485 PROTOCOL



WIEGAND :

- + Proximity readers (HID, STID, DESTEIR, INDALA, ...)
- + Key pads (XPR, ...)
- + Biometric readers (MORPHO, ...)
- + Radio receivers (TECHNO EM, ...)

CLOCK & DATA:

- + Magnetic strip readers
- + Barcode readers
- + Proximity readers
- + Radio receivers

RS485

- + DIGITOUCH MINI EXT
- + SSCP
- + OSDP

WARNING: If you use an external power supply for your proximity readers, take care to connect the various earths to that of the module.

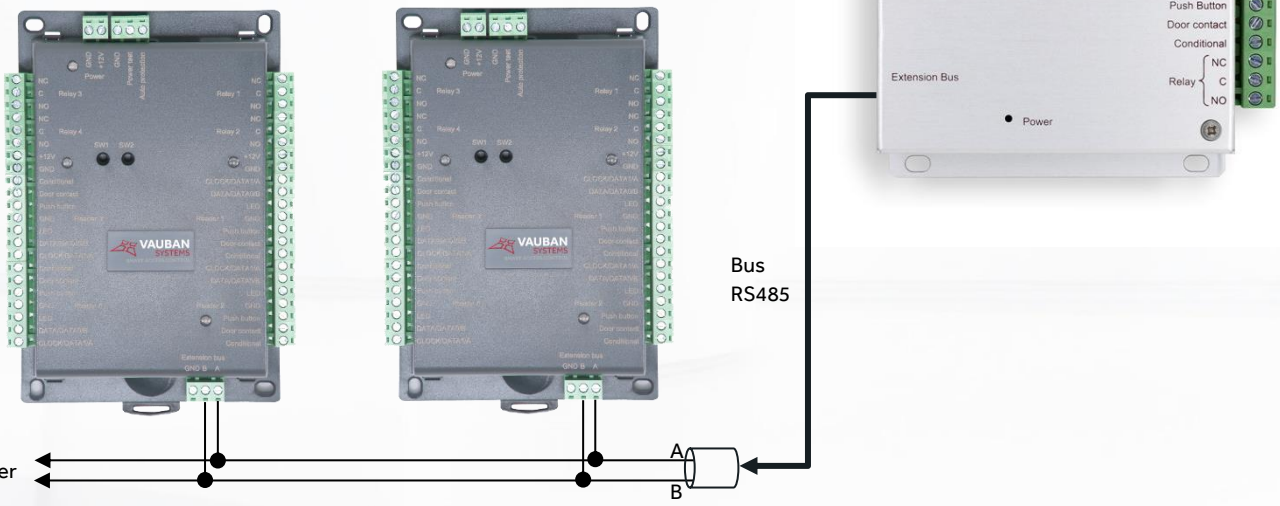
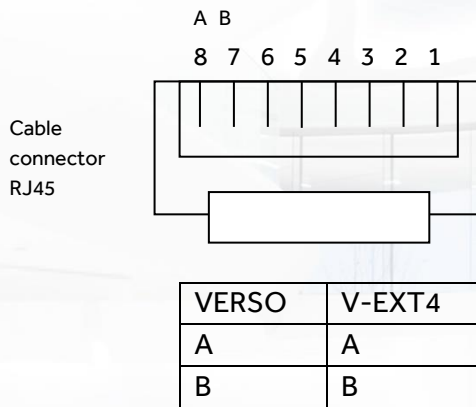
INFORMATIONS :

- + 5 conductors (3 pairs recommended)
- + Max. distance: 100m (30m in RS485)
- + Cable type: 0,6mm (SYT conseillé)
- + Screen: Optional

WARNING: Do not install the cables near other high voltage or high current cables, particularly 220V or higher.

NOTE: Each reader can have different technology (e.g. Reader 1 using Wiegand, Reader 2 using Clock & Data).

CONNECTING VERSO CONTROL UNIT

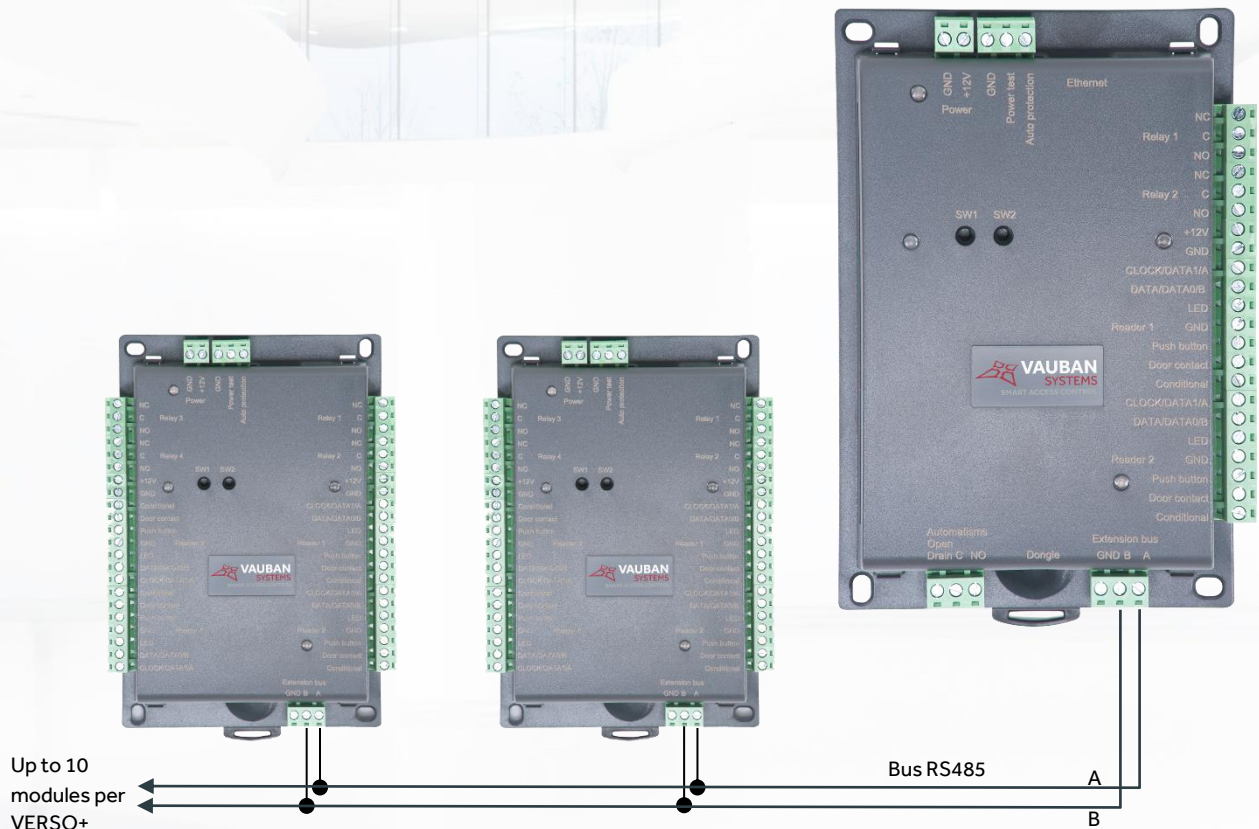


INFORMATION :

- + 2 conductors (2 pairs recommended)
- + Max. distance: 750m
- + Cable type: 0,6mm (SYT conseillé)

WARNING: Do not install the cables near other high voltage or high current cables, particularly 220V or higher. Use the same pair for the A and B lines.

RACCORDEMENT A LA CENTRALE VERSO+

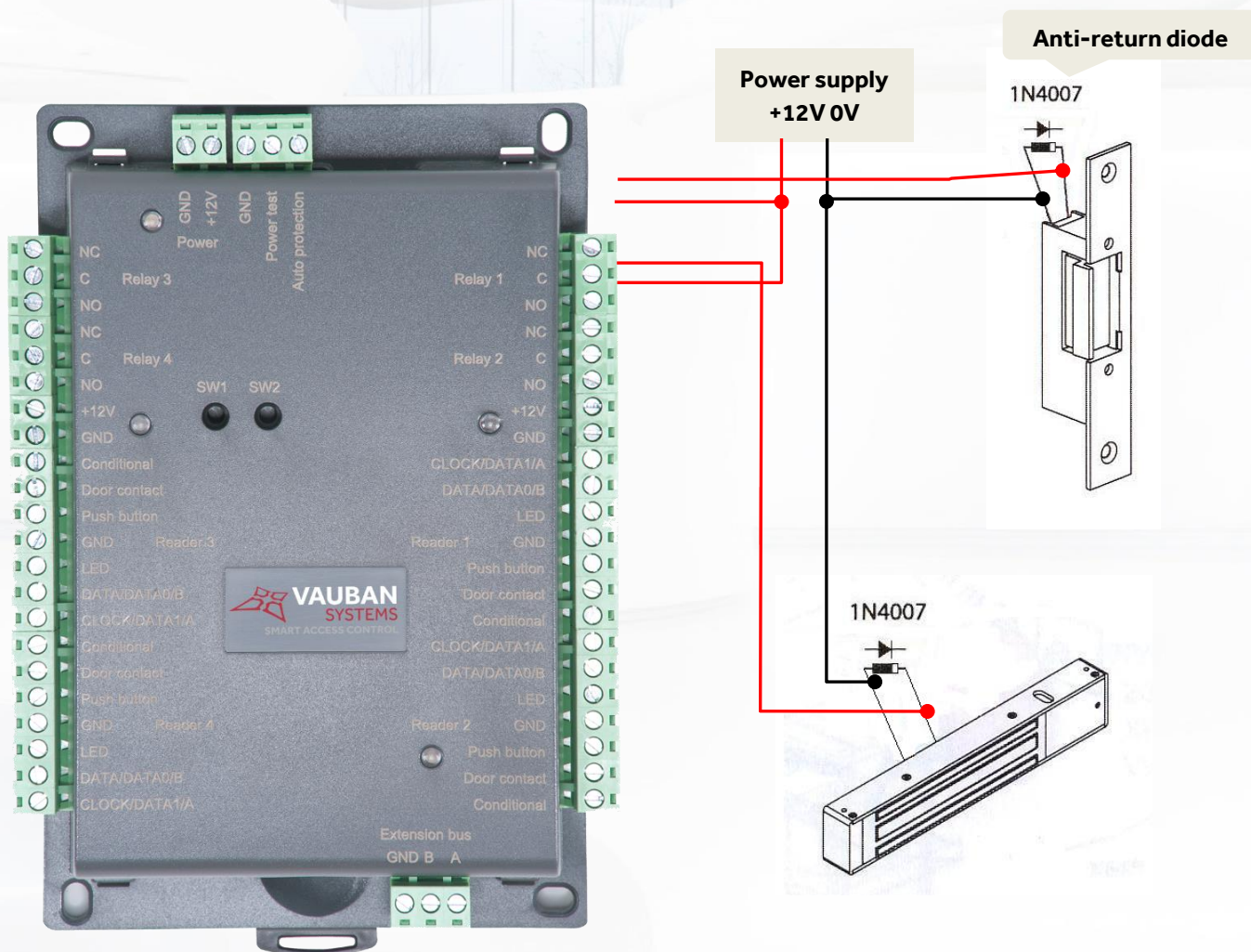


INFORMATION :

- + 2 conductors (2 pairs recommended)
- + Max. distance: 750m
- + Cable type: 0,6mm (SYT conseillé)

WARNING: Do not install the cables near other high voltage or high current cables, particularly 220V or higher. Use the same pair for the A and B lines.

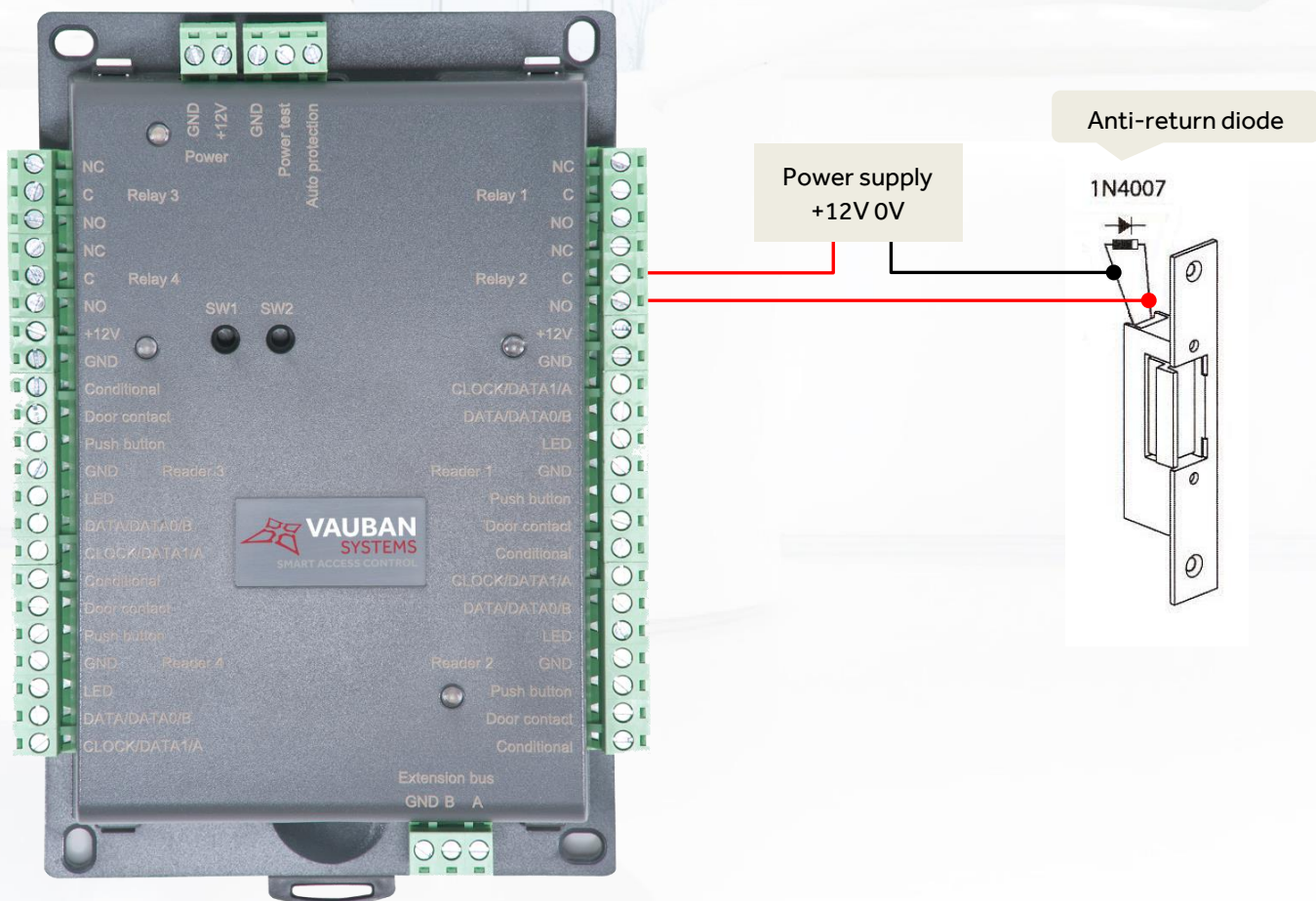
CONNECTING A POWER LOSS BOLT AND AN ELECTROMAGNETIC DOOR LOCK OPERATING ON POWER LOSS



WARNING: In order to prevent random malfunctions that may interfere with proper system operation due to back-currents, **it is imperative to use and connect the anti-back-current diodes supplied with the unit in compliance with the cabling diagram above.**

Even when using an additional uninterruptible power supply for locking separate to that of the unit, **it is obligatory to follow the above cabling diagram.**

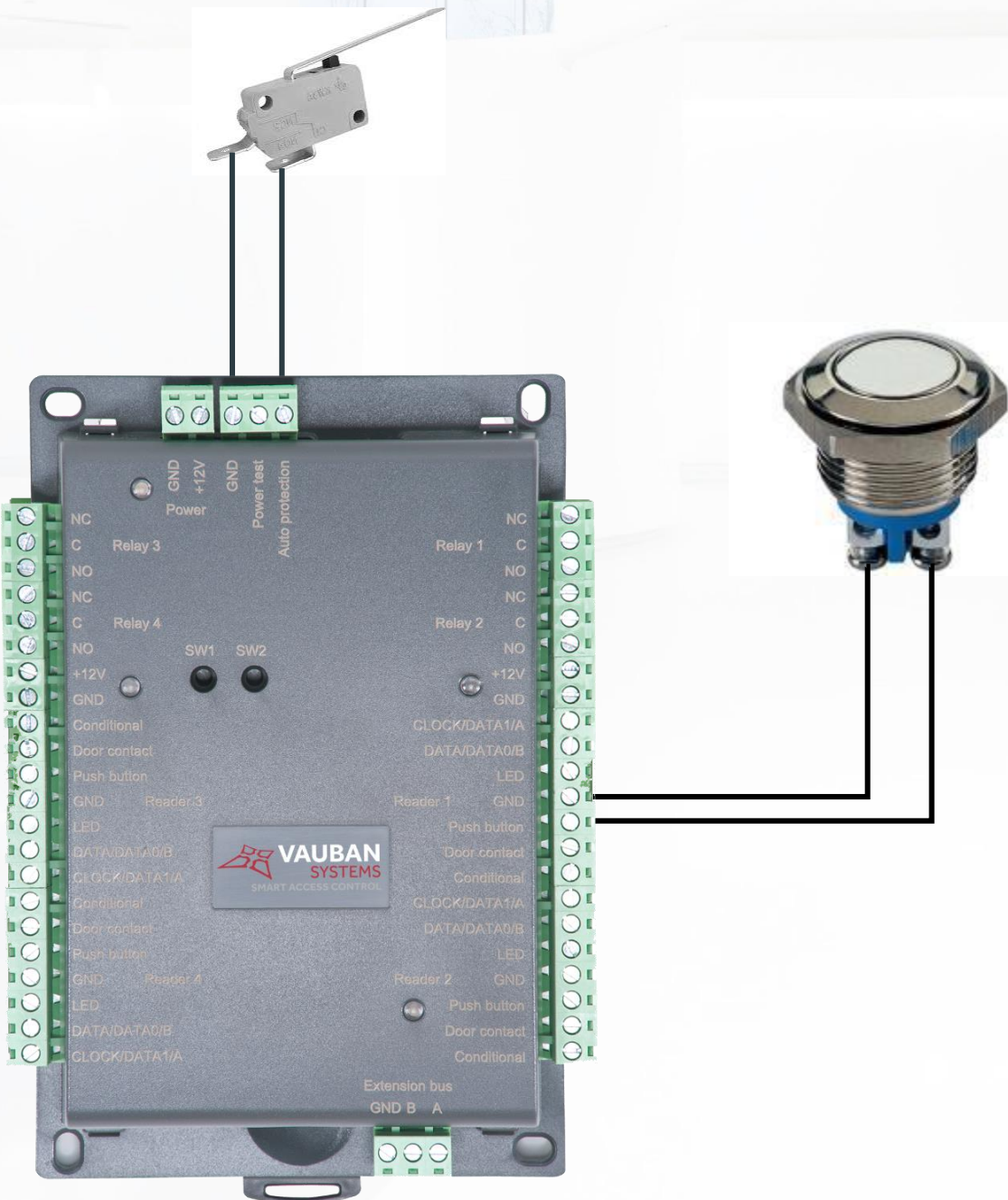
CONNECTING A STANDARD POWER-ON DOOR LOCK



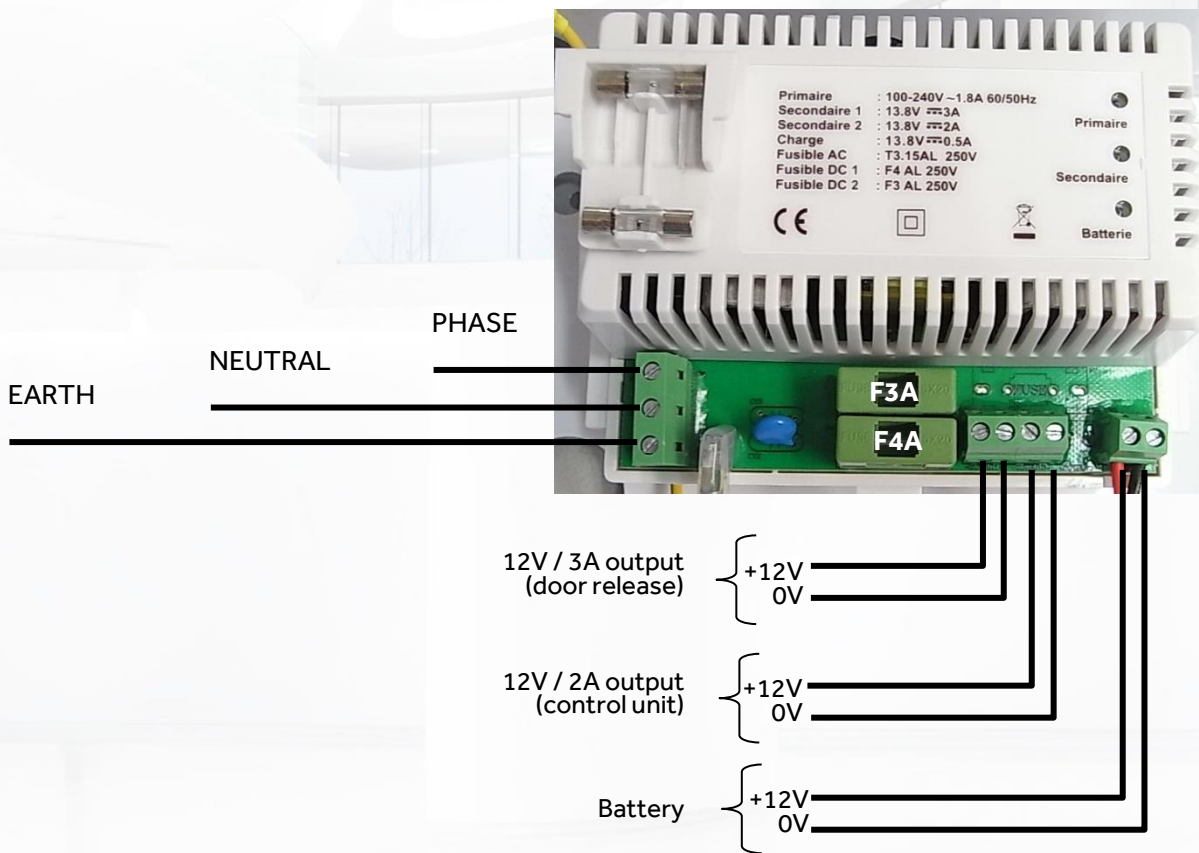
WARNING: In order to prevent random malfunctions that may interfere with proper system operation due to back-currents, **it is imperative to use and connect the anti-back-current diodes supplied with the unit in compliance with the cabling diagram above.**

Even when using an additional uninterruptible power supply for locking separate to that of the unit, **it is obligatory to follow the above cabling diagram.**

CONNECTING A PUSH BUTTON AND MICROSWITCH TO THE COFFRET 220 ENCLOSURE



CONNECTING THE POWER SUPPLY



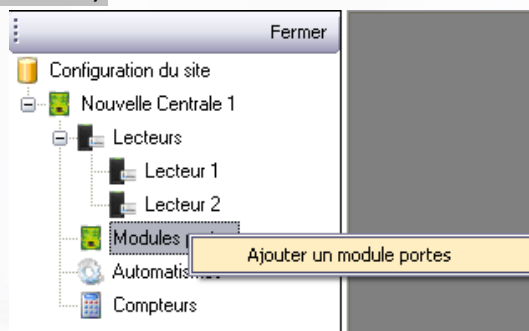
SETTING UP THE MODULE IN VISOR

To configure your VISOR software, you will need the module identifier. This is printed on a sticker on the top of the housing (e.g. ID: 00001). Make a note of this number.

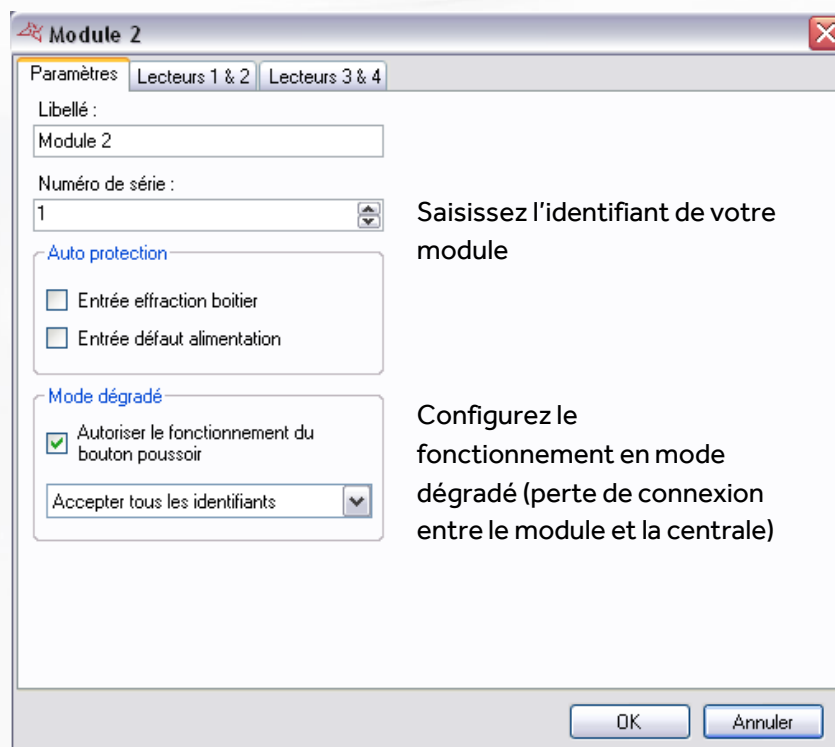
Click on the "Technique" (Technical) button and then "Configuration du site" (Site configuration).



Under the unit your module is connected to, click on "Modules portes" (Door modules) and then "Ajouter un module" (Add a module).



The following window will then be displayed:



Module 2

Paramètres | Lecteurs 1 & 2 | Lecteurs 3 & 4

Libellé :
Module 2

Numéro de série :
1

Saisissez l'identifiant de votre module

Auto protection

Entrée effraction boîtier
 Entrée défaut alimentation

Mode dégradé

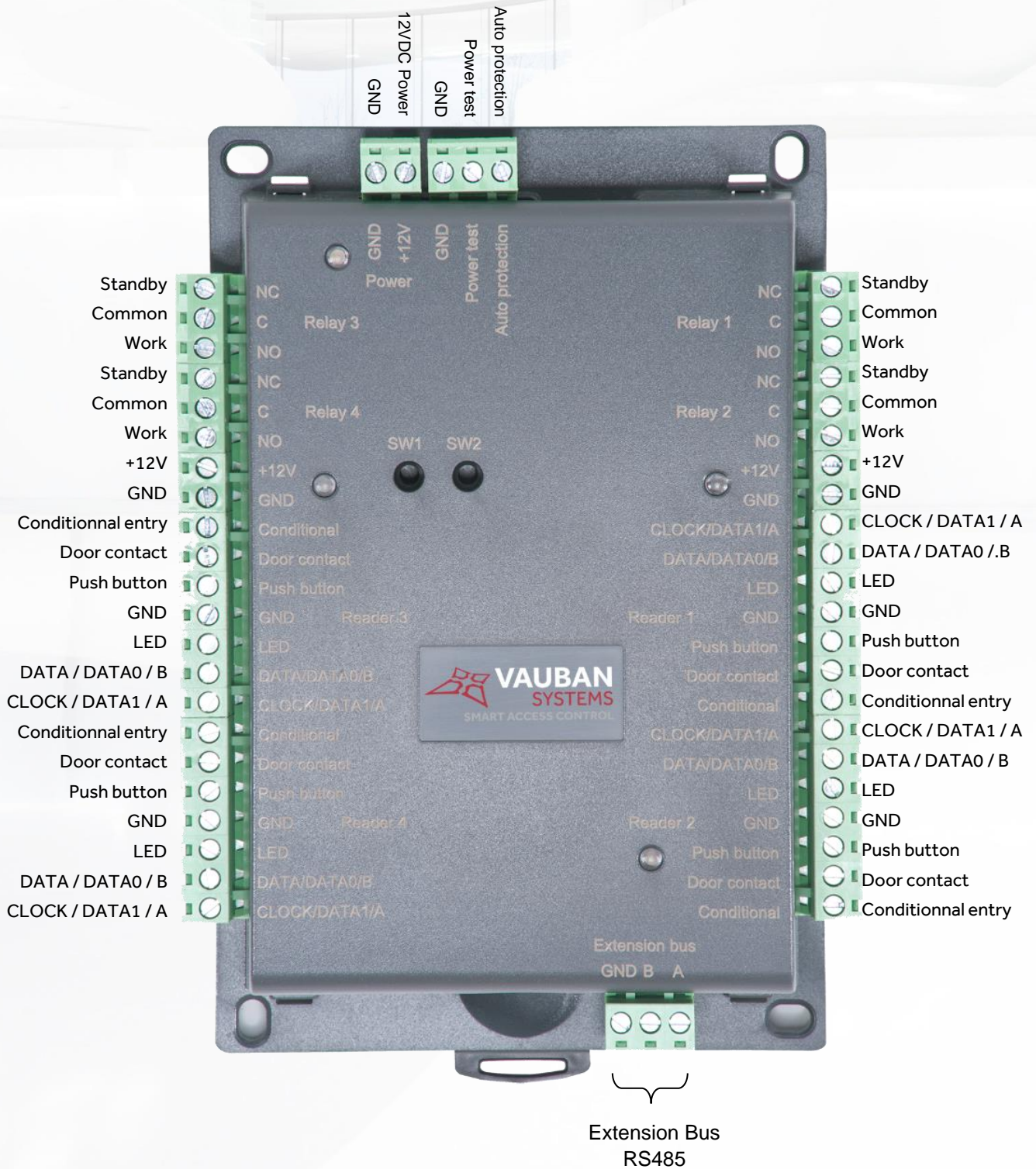
Autoriser le fonctionnement du bouton poussoir

Configurez le fonctionnement en mode dégradé (perte de connexion entre le module et la centrale)

Accepter tous les identifiants

OK Annuler

FONCTIONS DES BORNES



FREE INSTALLER HOTLINE

**DO YOU HAVE ANY TECHNICAL
QUESTIONS?**

CONTACT OUR FREE HOTLINE :

+33 (0)1 30 27 92 69

**MONDAY TO FRIDAY
FROM 9.00 TO 12.00 AND 13.30 TO 17.00**

