

COORDINATEUR RADIO CONNECT



FR

COORDINATEUR RADIO CONNECT
Notice d'installation - [Pages 1-10](#)

EN

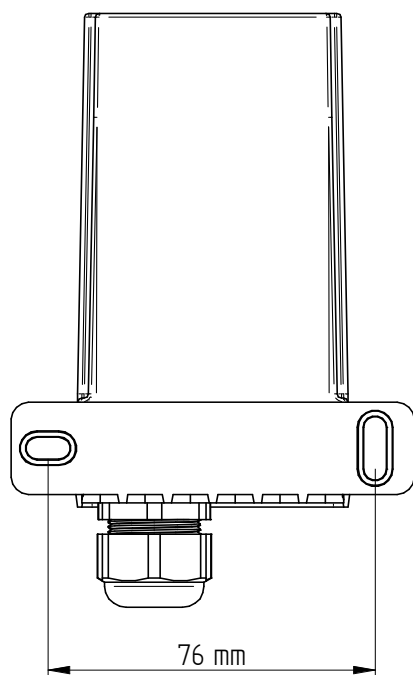
CONNECT RADIO COORDINATOR
Installation instructions - [Pages 11-20](#)

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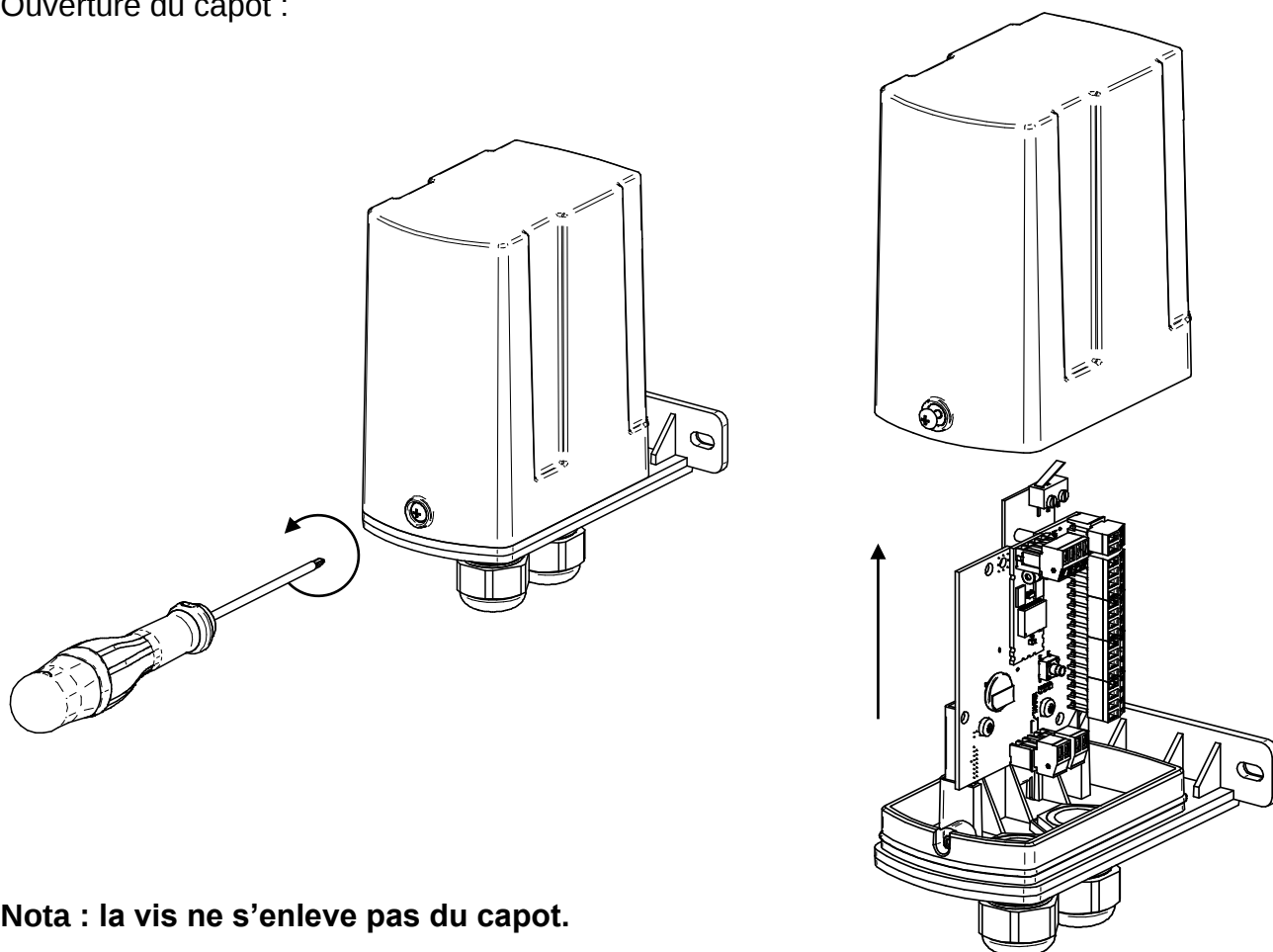
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1 INSTALLATION

Gabarit de perçage :

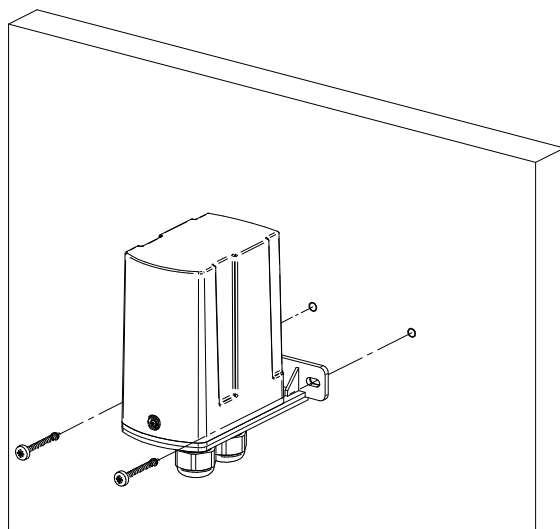


Ouverture du capot :

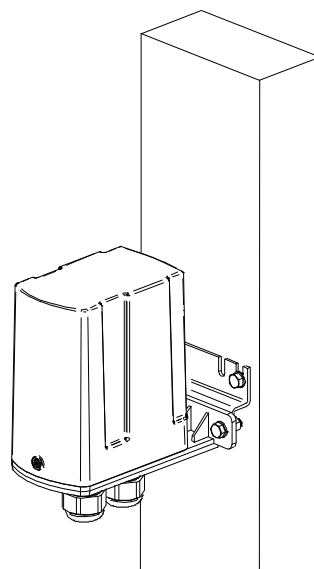
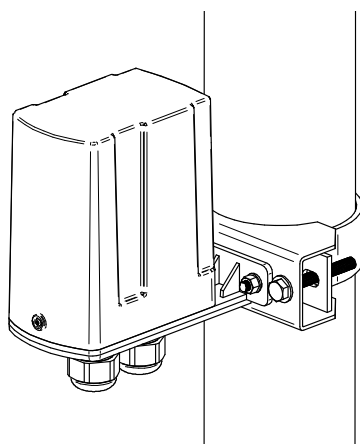


Nota : la vis ne s'enleve pas du capot.

Montage murale :

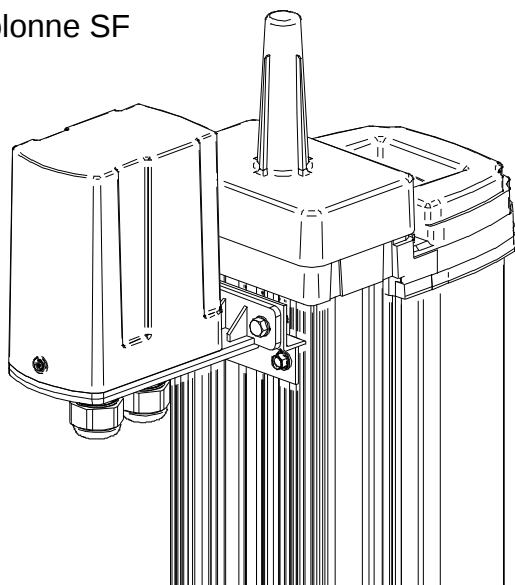


Montage sur poteau :

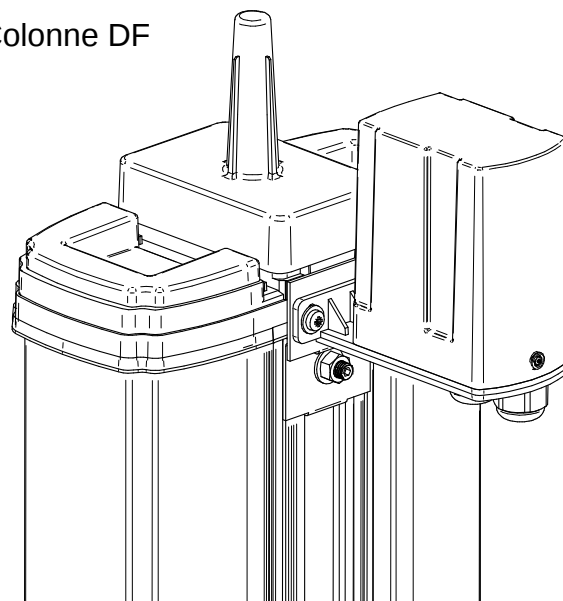


Montage sur colonne :

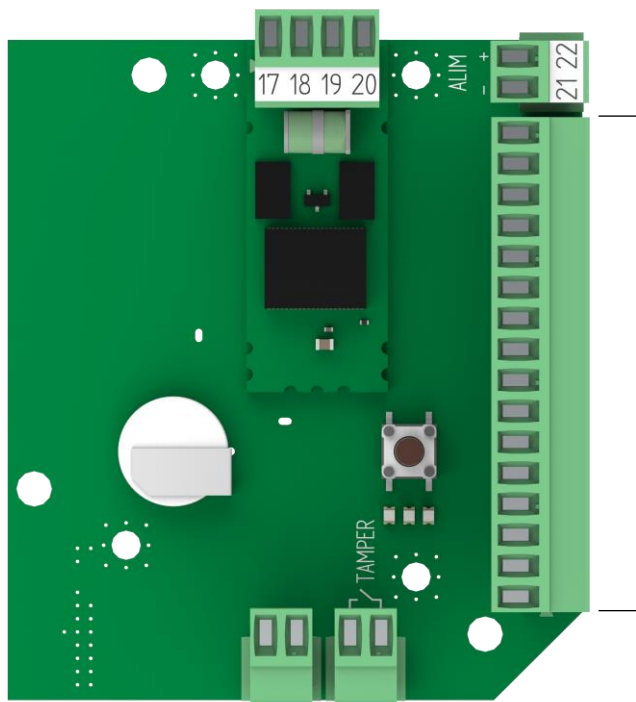
Colonne SF



Colonne DF



2 RACCORDEMENT



N° Bornes	Description
17	A Bus RS485 (Entrée)
18	B Bus RS485 (Entrée)
19	A Bus RS485 (Sortie)
20	B Bus RS485 (Sortie)
21	0V Alimentation
22	+12V DC Alimentation

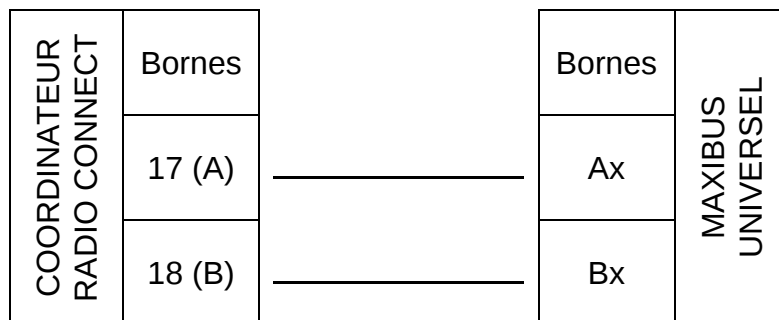
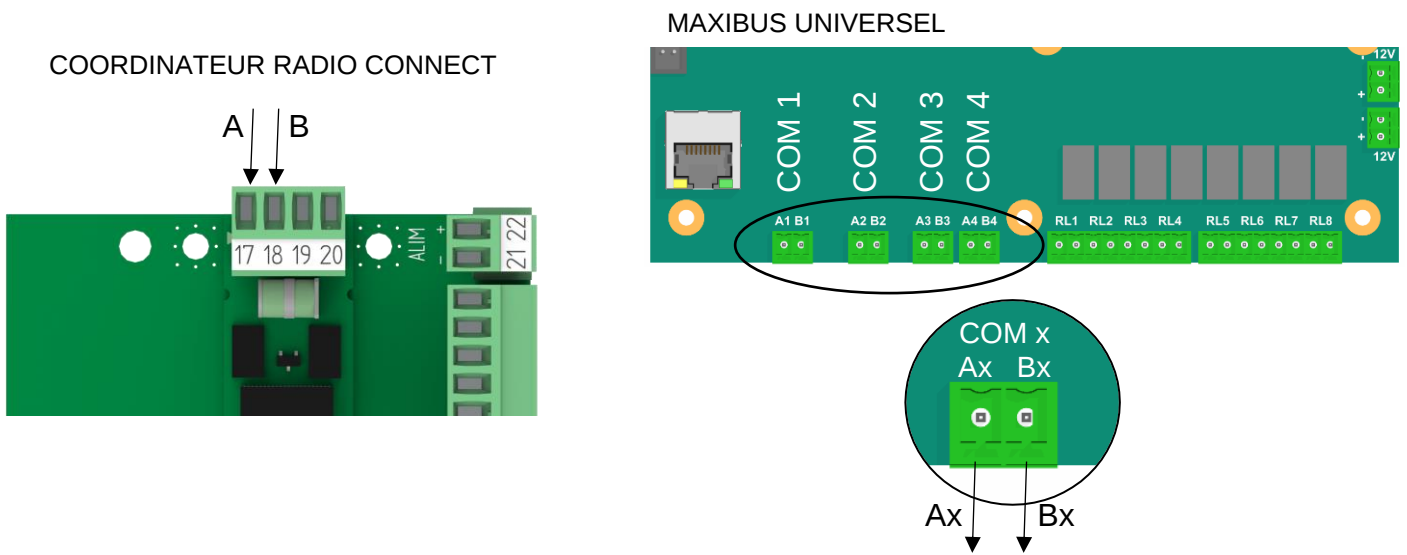
Longueur maximale des câbles de l'alimentation 12V DC : (Câble type SYT1 avec écran)

Ø fil (mm)	Section fil (mm ²)	Longueur maximale des câbles (m)
0.6	0.3	500
0.9	0.6	1124
1.4	1.5	2506

Nota : En cas d'utilisation d'un même câble pour alimenter plusieurs éléments, les distances indiquées sont à diviser par le nombre d'éléments raccordés.
En cas de mise en parallèle par polarité de plusieurs fils de même section, les distances indiquées sont à multiplier par le nombre de fils couplés.

3 CONFIGURATION

3.1 Raccordement



- Se connecter au concentrateur
Voir NT397 Concentrateur MAXIBUS UNIVERSEL

3.2 Configuration du port COM

1. Aller sur le port COM sur lequel le COORDINATEUR RADIO CONNECT est raccordé sur le MAXIBUS UNIVERSEL.
2. Lancer le scan du port COM.
3. Noter le nombre de radios que le COORDINATEUR RADIO CONNECT doit trouver. Sélectionner le canal, puis ENVOYER.

COM 1 CONFIGURATION RADIO CONNECT

Nombre de cartes radios attendues

3

Choix de la fréquence

865.100 MHz - Canal Radio 1

ENVOYER

Nombre de radios à trouver

Choisir le canal

Canal 1	865.1 MHz
Canal 2	865.3 MHz
Canal 3	865.5 MHz
Canal 4	865.7 MHz
Canal 5	865.9 MHz
Canal 6	866.1 MHz
Canal 7	866.3 MHz
Canal 8	866.5 MHz
Canal 9	866.7 MHz
Canal 10	866.9 MHz

Canal 11	867.1 MHz
Canal 12	867.3 MHz
Canal 13	867.5 MHz
Canal 14	867.7 MHz
Canal 15	867.9 MHz
Canal 16	868.1 MHz
Canal 17	868.3 MHz
Canal 18	868.5 MHz
Canal 19	869.85 MHz

4. Attendre la fin du scan des équipements.

COM 1 LANCER

Merci de patienter pendant la découverte des équipements. Cette opération peut prendre quelques minutes...

LISTE DES RADIOS TROUVÉES

Nombre de cartes radios trouvées : 3

ID radio 88	ID radio 15	ID radio 22
-------------	-------------	-------------

5. La liste des équipements trouvés apparaît.

CONSULTATION

CONFIGURATION

HISTORIQUE

PLANNING

COORDINATEUR

ID Radio

✓

175

EQUIPEMENTS

✓

Type d'équipement

ID Radio

Adresse

Nom de zone

✓

Module Connect

15

129

CONNECT 1

✓

Module Connect

22

129

CONNECT 2

✓

Module Connect

88

12

COLIRIS CONNECT

Nota : si le nombre de radios trouvées est différent du nombre de radios demandées, le message suivant apparaît.



Si OUI, la configuration du COORDINATEUR RADIO CONNECT et des équipements peut continuer.

Si NON, le port COM est reseté. Il faut relancer le scan du port COM, étape 2.

3.3 Paramétrages du COORDINATEUR RADIO CONNECT

COORDINATEUR

FRÉQUENCE RADIO

Fréquence : 865.100 MHz - Canal Radio 1

Choix de la fréquence

865.100 MHz - Canal Radio 1

SAUVEGARDER

1

RADIOS

RECHERCHE CARTES RADIO

Liste des radios

15

RECHERCHE EQUIPEMENT

SUPPRIMER

2

1. Gestion de la fréquence radio du COORDINATEUR RADIO CONNECT.
Sélectionner la nouvelle fréquence souhaitée et cliquer sur SAUVEGARDER.

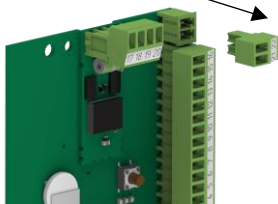
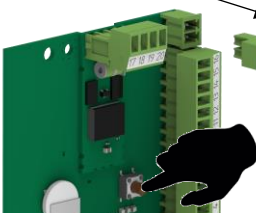
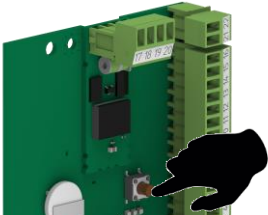
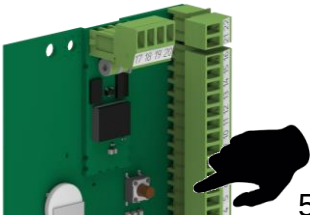
Canal 1	865.1 MHz
Canal 2	865.3 MHz
Canal 3	865.5 MHz
Canal 4	865.7 MHz
Canal 5	865.9 MHz
Canal 6	866.1 MHz
Canal 7	866.3 MHz
Canal 8	866.5 MHz
Canal 9	866.7 MHz
Canal 10	866.9 MHz

Canal 11	867.1 MHz
Canal 12	867.3 MHz
Canal 13	867.5 MHz
Canal 14	867.7 MHz
Canal 15	867.9 MHz
Canal 16	868.1 MHz
Canal 17	868.3 MHz
Canal 18	868.5 MHz
Canal 19	869.85 MHz

2. Maintenance avancée des équipements radio.
 - Suppression d'équipement radio
 - Remplacement d'équipement radio
 Voir Notice maintenance avancée du COORDINATEUR RADIO CONNECT

3.4 Reset du COORDINATEUR RADIO CONNECT

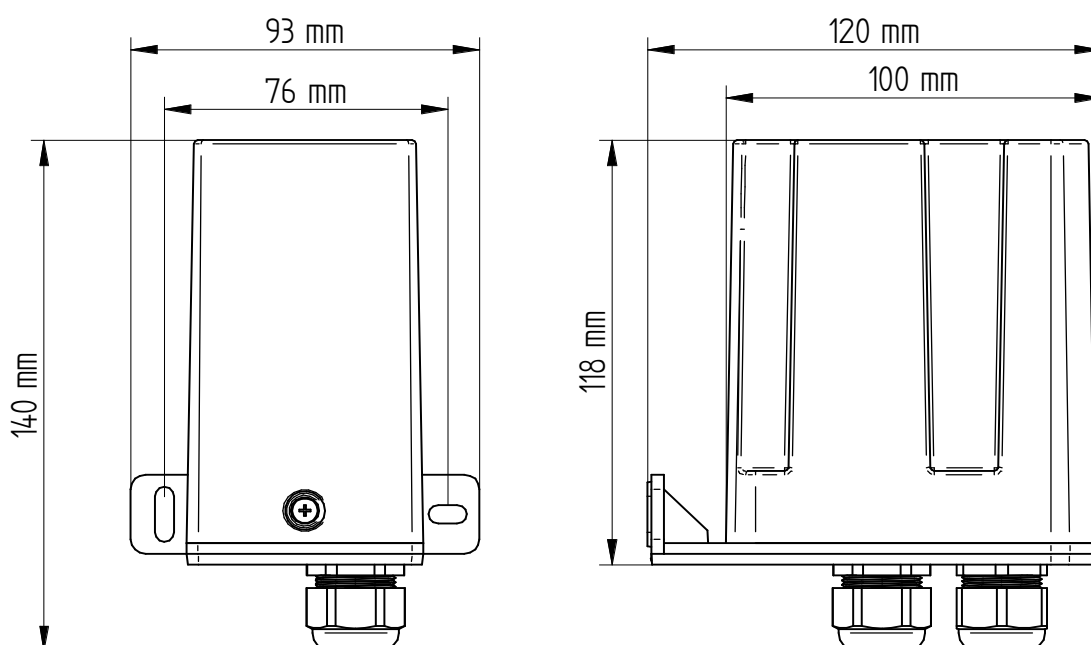
Le reset du COORDINATEUR RADIO CONNECT permet de réinitialiser les paramètres usines de la radio en cas de changement de produit de la gamme CONNECT

1. Appuyer sur l'AP et la maintenir fermé jusqu'à la fin de l'étape 7.	
2. Mettre hors tension le COORDINATEUR RADIO CONNECT.	
3. Appuyer sur le bouton et remettre sous tension le COORDINATEUR RADIO CONNECT.	
4. Maintenir l'appui sur le bouton pendant 5s min (10s max).	 5s à 10s
5. Relâcher le bouton pendant 5s min (10s max).	 5s à 10s
6. Appuyer sur le bouton pendant 5s min (10s max).	 5s à 10s
7. Relâcher le bouton.	

4 CARACTERISTIQUE TECHNIQUE

	COORDINATEUR RADIO CONNECT
Alimentation électronique	4.5V à 30V DC
Consommation	12mA
Température d'utilisation	-35°C / +70°C
Humidité relative	95% maxi sans condensation
Indice de protection	IP65
Poids	0.3Kg
Compatibilité électromagnétique	Conforme aux normes européennes (label CE)

Dimensions :



5 REFERENCE DU PRODUIT

- COORDINATEUR RADIO CONNECT

réf : 30790010

Option :

- Jeu de bride fixation sur poteau Ø76
- Jeu de bride fixation sur poteau Ø101
- Jeu de bride fixation sur poteau 100x50 ou sur enveloppe 3100 SF
- Jeu de bride fixation sur enveloppe 3100 DF

réf : 30793001

réf : 30793002

réf : 30793003

réf : 30793004



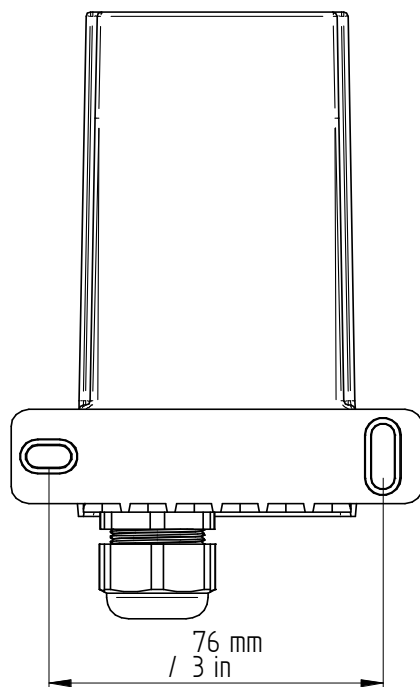
Conformément aux directives européennes sur l'environnement, ce produit ne doit pas être jeté mais recyclé dans une filiale appropriée.

CONTENTS

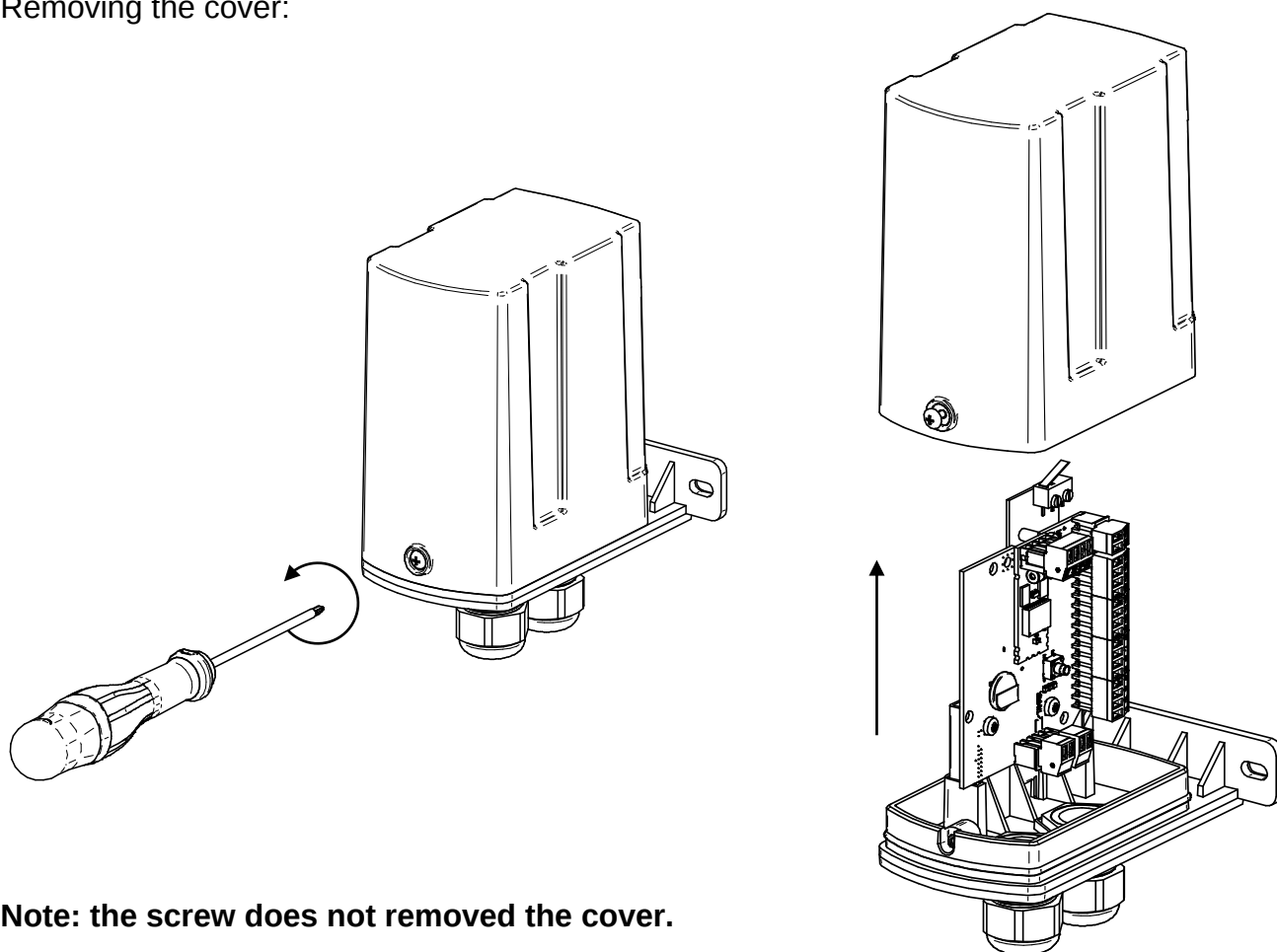
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1 INSTALLATION

Drilling template:

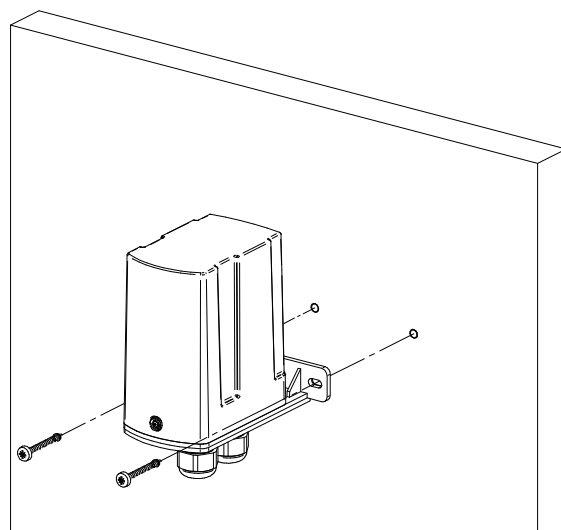


Removing the cover:

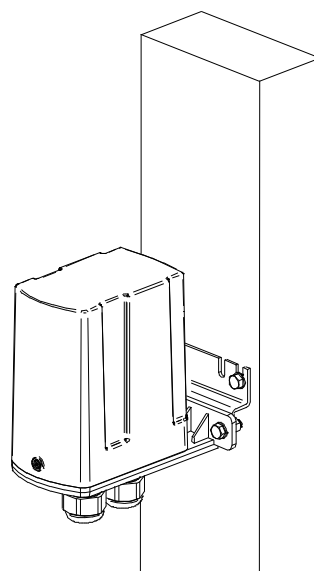
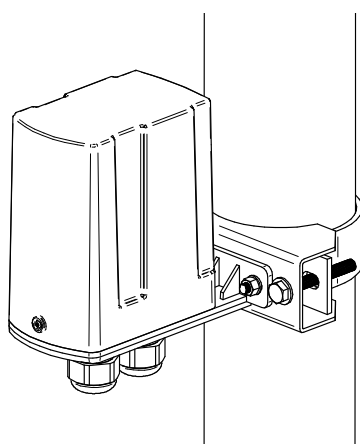


Note: the screw does not removed the cover.

Wall mounting:

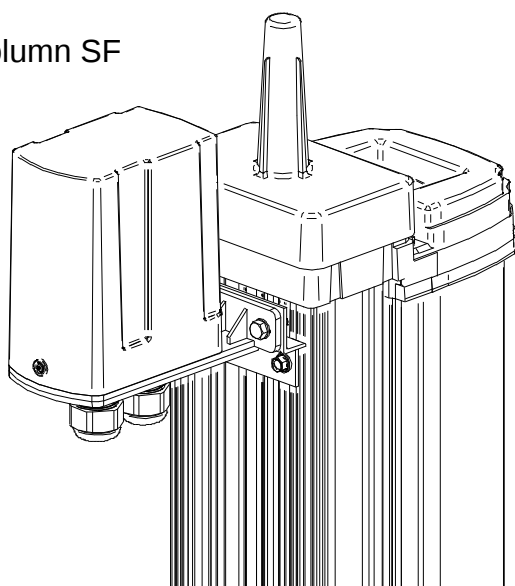


Pole mounting:

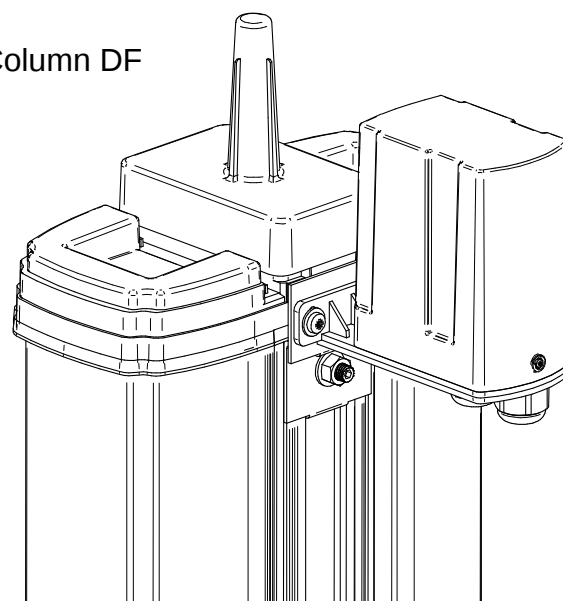


Mounting on column:

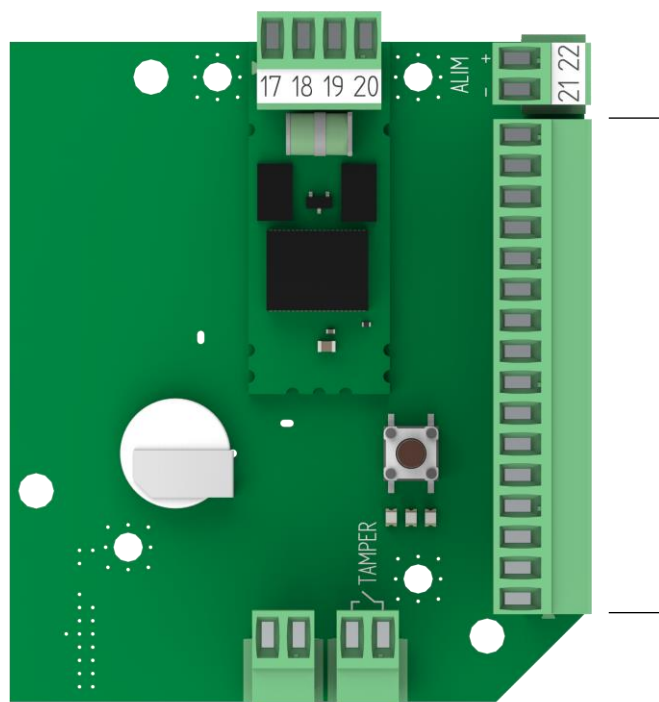
Column SF



Column DF



2 WIRING



N° of Terminal	Description
17	A Bus RS485 (Input)
18	B Bus RS485 (Input)
19	A Bus RS485 (Output)
20	B Bus RS485 (Output)
21	+12V DC Power supply
22	0V Power supply

Maximum length of 12V DC power supply cables: (cable type SYT1 shielded)

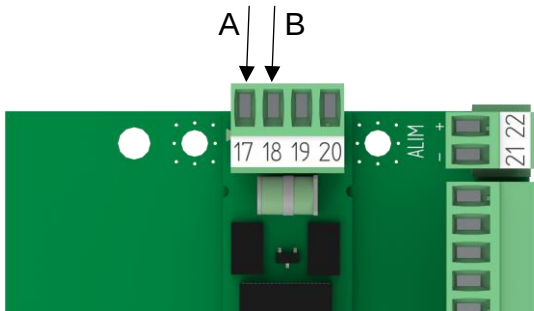
Ø Wire		Wire section		Maximum length of cables	
0.6 mm	0.02 in	0.3 mm²	23 AWG	500 m	0.31 mi
0.9 mm	0.04 in	0.6 mm²	20 AWG	1124 m	0.7 mi
1.4 mm	0.06 in	1.5 mm²	16 AWG	2506 m	1.56 mi

Note: When using the same cable to supply power to several components, the indicated distances should be divided by the number of connected components. When using several wires with the same section in parallel by polarity, the indicated distances should be multiplied by the number of connected wires.

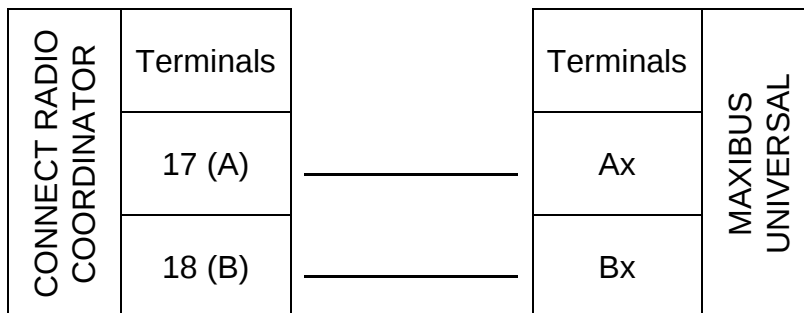
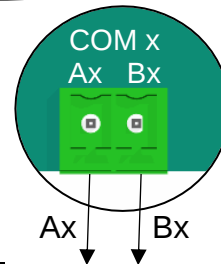
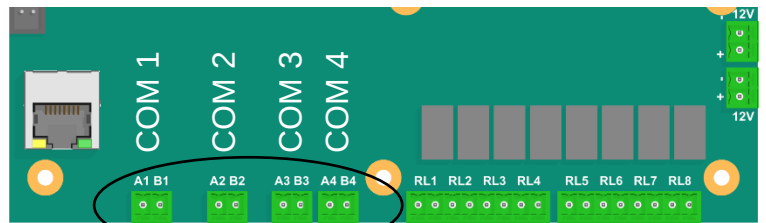
3 CONFIGURATION

3.1 Wiring

CONNECT RADIO COORDINATOR



MAXIBUS UNIVERSAL



- Connect to the hub
See NT397 MAXIBUS UNIVERSAL HUB

3.2 Configuration of the COM port

1. Go to the COM port on which the CONNECT RADIO COORDINATOR is connected to the MAXIBUS UNIVERSAL hub.
2. Start scanning the COM port.
3. Enter the number of radio channels that the CONNECT RADIO COORDINATOR needs to find.
Choose the channel, then SEND.

COM 1 RADIO SETTINGS CONNECT

Number of radio cards expected

Frequency choice
865.100 MHz - Radio canal 1

SEND

Number of radios to find

Choose the channel

Channel 1	865.1 MHz
Channel 2	865.3 MHz
Channel 3	865.5 MHz
Channel 4	865.7 MHz
Channel 5	865.9 MHz
Channel 6	866.1 MHz
Channel 7	866.3 MHz
Channel 8	866.5 MHz
Channel 9	866.7 MHz
Channel 10	866.9 MHz

Channel 11	867.1 MHz
Channel 12	867.3 MHz
Channel 13	867.5 MHz
Channel 14	867.7 MHz
Channel 15	867.9 MHz
Channel 16	868.1 MHz
Channel 17	868.3 MHz
Channel 18	868.5 MHz
Channel 19	869.85 MHz

4. Wait for scanning to be finished.

COM 1 LAUNCH

Please wait while COM port scanning. This operation may take a few minutes...

LIST OF RADIOS FOUND

Number of radios cards found : 3

Radio ID 88

Radio ID 15

Radio ID 22

5. A list of devices found is displayed.

CONSULTATION SETUP EVENT LOG REVIEW PLANNING

COORDINATOR

Radio ID

175

EQUIPMENTS

Equipment type

Radio ID

Address

Zone name

Connect module

15

129

CONNECT 1

Connect module

22

129

CONNECT 2

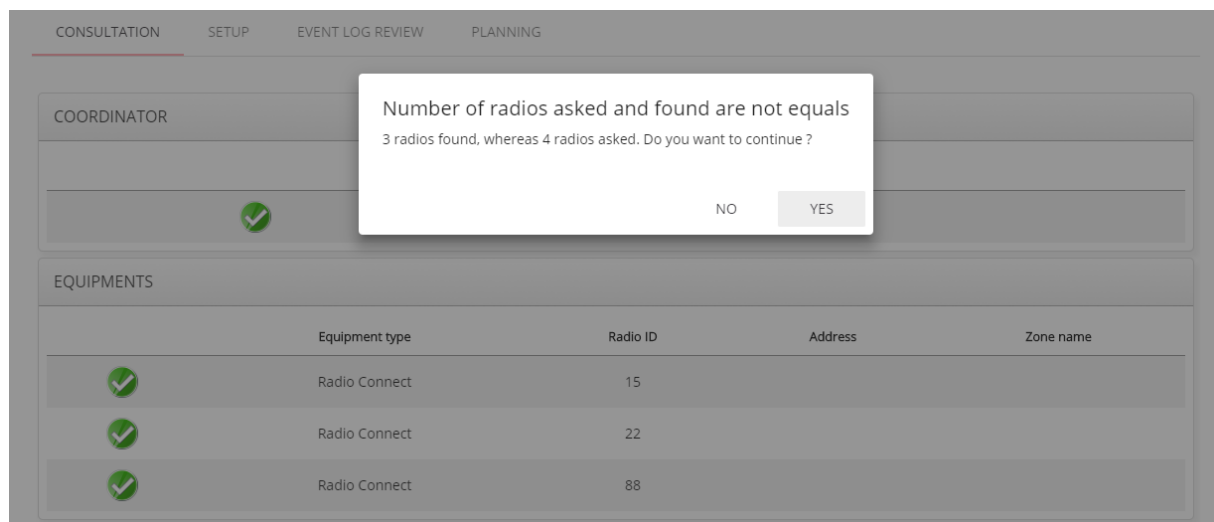
Connect module

88

12

COLIRIS CONNECT

Note: If the number of radios found is different from the number of radios requested, the following message will appear.



If YES, continue configuring the CONNECT RADIO COORDINATOR and the devices.

If NO, the COM port is reset. Scanning of COM port step 2 needs to be started.

3.3 CONNECT RADIO COORDINATOR settings

COORDINATOR

RADIO FREQUENCY

Frequency : 865.100 MHz - Radio canal 1

Frequency choice

865.100 MHz - Radio canal 1 ▼

SAVE

RADIOS

RADIO BOARDS RESEARCH

List of radios

15 ▼

EQUIPMENT RESEARCH

DELETE

1

2

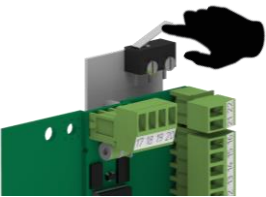
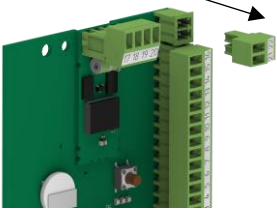
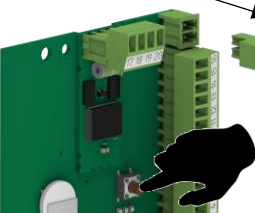
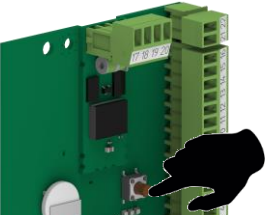
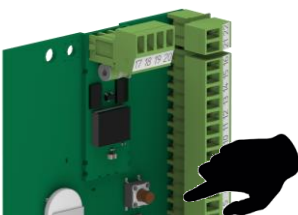
- Managing the radio frequency of the CONNECT RADIO COORDINATOR.
Choose the new frequency and click on SAVE.

Channel 1	865.1 MHz	Channel 11	867.1 MHz
Channel 2	865.3 MHz	Channel 12	867.3 MHz
Channel 3	865.5 MHz	Channel 13	867.5 MHz
Channel 4	865.7 MHz	Channel 14	867.7 MHz
Channel 5	865.9 MHz	Channel 15	867.9 MHz
Channel 6	866.1 MHz	Channel 16	868.1 MHz
Channel 7	866.3 MHz	Channel 17	868.3 MHz
Channel 8	866.5 MHz	Channel 18	868.5 MHz
Channel 9	866.7 MHz	Channel 19	869.85 MHz
Channel 10	866.9 MHz		

- Advanced maintenance of radio devices.
 - Delete radio device
 - Replace radio device
 See instructions on advanced maintenance for the CONNECT RADIO COORDINATOR

3.4 Resetting the CONNECT RADIO COORDINATOR

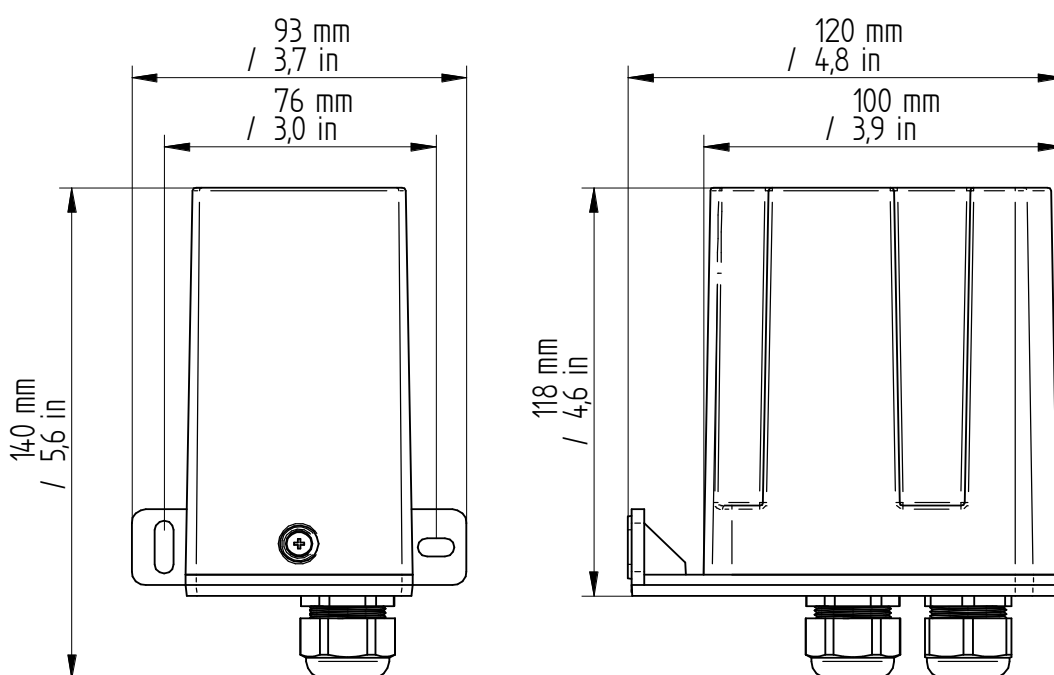
Resetting the CONNECT RADIO COORDINATOR allows to reset the default settings of the radio in case of use of a different CONNECT device

1. Press the tamper switch and keep it closed until the end of step 7.	
2. Disconnect the power supply on the CONNECT RADIO COORDINATOR.	
3. Press the button and reconnect the power to the CONNECT RADIO COORDINATOR.	
4. Keep the button for at least 5 seconds (but not longer than 10s).	 5s à 10s
5. Release the button for at least 5s min (but not longer than 10s).	 5s à 10s
6. Keep the button pressed for at least 5s (but not longer than 10s).	 5s à 10s
7. Release the button.	

4 TECHNICAL FEATURES

	CONNECT RADIO COORDINATOR
Power supply	4.5V to 30V DC
Consumption	12mA
Operating temperature	-35°C to +70°C / -31°F to 158°F
Relative humidity	95% max. non-condensing
Protection index	IP65
Weight	0.3Kg / 0.66 lb
Electromagnetic compatibility	Compliance with European standards (label CE)

Dimensions:



5 PRODUCT REFERENCES

- CONNECT RADIO COORDINATOR

ref: 30790010

Option:

- Pole mount bracket set Ø76
- Pole mount bracket set Ø101
- Bracket set for mounting on 100x50 pole or frame 3100 SF
- Bracket set for mounting on frame 3100 DF

ref: 30793001

ref: 30793002

ref: 30793003

ref: 30793004



In compliance with the European environmental directives, this product must not be thrown away but recycled through an appropriate subsidiary.