

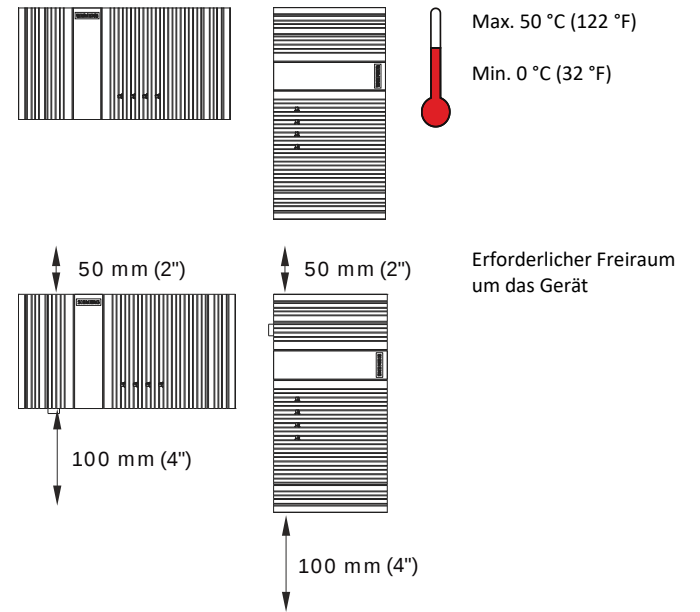
CXG3.X300 Installationsanleitung

1 Vor Einbau und Inbetriebnahme

WICHTIG: Beachten Sie diese Anweisungen, bevor Sie das Gerät einbauen und anschliessen.
Die vollständige Dokumentation finden Sie unter www.siemens.com/btproduct?CXG3.X300.
Die Dokumentation für UL-Installationen finden Sie unter www.siemens.com/download?A6V11649121.

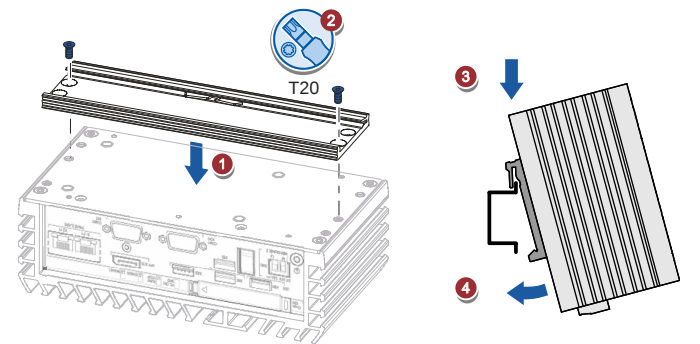
2 Gerät einbauen

2.1 Zulässige Einbaulagen und Umgebungstemperaturen



2.2 Gerät montieren

Die Unterkonstruktion muss das Vierfache des Geräte-Gewichtes tragen können.



Schrauben fest anziehen (max. 5 Nm / 3.7 lbf ft).

3 Gerät anschliessen

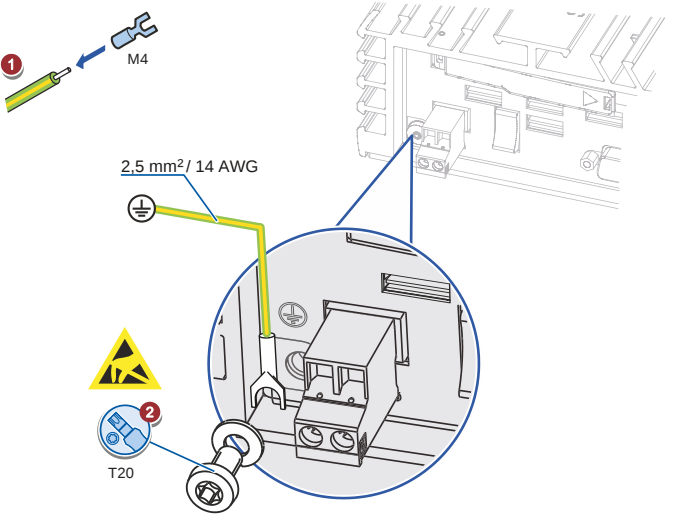
3.1 Anforderungen an die Stromversorgung

NUR DC 24 V = (Gleichspannung)
Strom 1.8 A
Typisch 13 W
DC 24 V ± 20 %, Sicherheitskleinspannung SELV gemäss IEC/EN / DIN EN / UL 60950-1
Speisung muss folgendes erfüllen: NEC Class 2 oder LPS gemäss IEC/EN / DIN EN / UL 60950-1

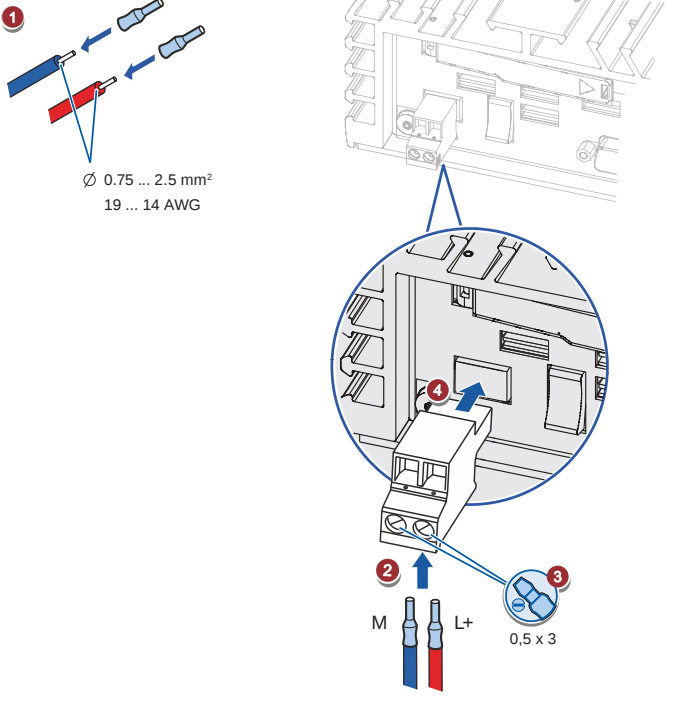
3.2 Gerät am Schalter ausschalten



3.3 Schutzleiter anschliessen

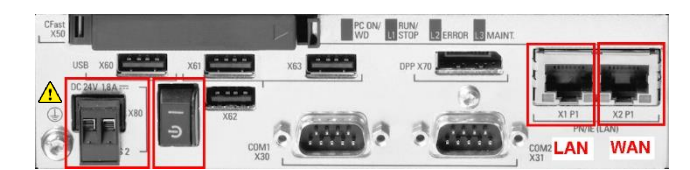


3.4 Stromversorgung anschliessen



4 Gerät in Betrieb nehmen

1. Verbinden Sie das Connect X300 mit Ihrem **lokalen Netzwerk**, wo auch Ihr PC / Notebook / Panel oder Controller angeschlossen ist. Benutzen Sie dazu **Port X1P1** (im Bild unten mit **LAN** bezeichnet).



2. Schalten Sie das Gerät ein.
- LED-Verhalten während der Inbetriebnahme
- a) Beim Einschalten blinken alle LEDs kurz auf.
 - b) **PC ON/WD**: Blinkt kurz orange – BIOS Selbsttest, dann dauerhaft grün. → Ansonsten Gerät nochmals neu starten.
 - c) **L1 RUN / STOP**: Blinkt grün während die Applikationen starten. Stetig grün wenn alle Applikationen korrekt funktionieren.
 - d) **L2 / Error**: Aus während Start (bis L1 stetig grün ist). Nach ca. 1 Minute stetig Orange, wenn die Verbindung zum Internet hergestellt ist. Blinkt orange: X300 ist korrekt aktiviert und kommuniziert mit der Siemens Cloud. Stetig orange: X300 ist registriert, aber noch nicht von der entsprechenden Cloud-Applikation aktiviert worden. Bitte loggen Sie sich hierzu in der Cloud-Applikation ein folgen Sie den Aktivierungsanweisungen. Aus: keine Internet-Verbindung → Bei 4G Modem-Verbindung: Konnektivität überprüfen und ggf. Standort des Modems verändern. → Überprüfen Sie die beiden LED's am Port X2P1 (WAN), beide sollten grün blinken. Wenn nicht, überprüfen Sie das Datenkabel zum Internet-Router.
 - e) **L3 MAINT**: Wird nicht verwendet – permanent aus

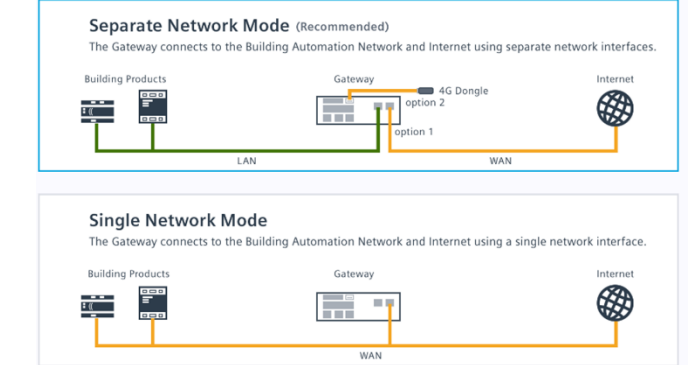
3. Direktverbindung vom PC mit dem LAN Port X1P1 des Connect X300: In der Adresszeile des Web-Browsers 169.254.169.254 eingeben. Es wird empfohlen den Chrome-Browser zu verwenden. Sicherheitswarnung im Browser bestätigen und Ausnahme hinzufügen.

4. Auf der initial erscheinenden Webseite: Bestätigen Sie die Nutzungsbedingungen.

5. Melden Sie sich mit Ihren Administrator-Zugangsdaten an, um die Konfiguration zu starten. Der Benutzer ist "admin" und das Default-Passwort ist "admin".

6. Ändern sie das Default-Passwort und loggen Sie sich neu ein.

7. Wählen Sie den Netzwerk-Modus / die Topologie und verbinden sie das Connect X300 mit dem Internet via WAN Port ("Single Network Mode" via Port X1P1 oder "Separate Network Mode - Option1" via WAN Port X2P1) oder 4G ("Separate Network Mode - Option2"). Hinweis: nach der Registrierung kann der Modus nur noch durch einen Factory Reset geändert werden.



LAN-Schnittstelle (X1P1): Physikalische Schnittstelle, um eine Verbindung zum Gebäudeautomations-Netzwerk (GAN) herzustellen und mit physikalischen Geräten zu kommunizieren.
WAN-Schnittstelle (X2P1): Physikalische Schnittstelle, um eine Verbindung zum Internet herzustellen und mit dem Internet zu kommunizieren.

8. Registrieren Sie das Gerät durch Eingabe von: Name des Connect X300 und Installations-Ort.

5 Third-Party Software Information

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Keyword: Open Source Request

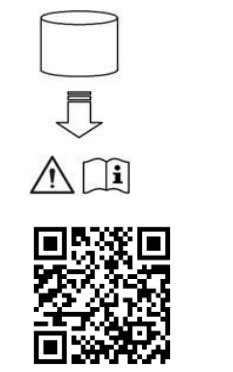
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CXG3.X300
Installationsanleitung

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Support:
<https://support.industry.siemens.com>

Support-Team in CH-Zug:
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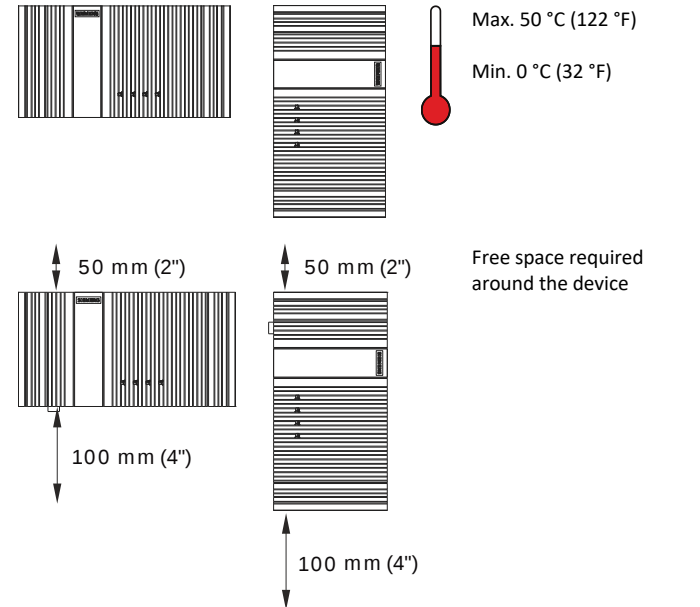
CXG3.X300 Quick Install Guide

1 Before mounting and commissioning

IMPORTANT: Follow these instructions carefully before mounting and connecting the device.
The complete documentation is available under www.siemens.com/btproduct?CXG3.X300.
The documentation for UL installations is available under www.siemens.com/download?A6V11649121.

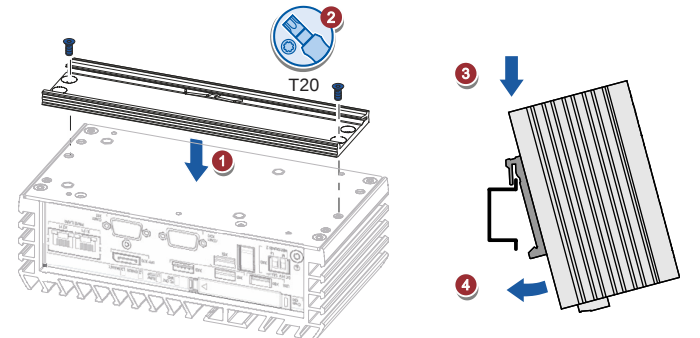
2 Mount the device

2.1 Admissible mounting positions and ambient temperatures



2.2 Mount the device

Make sure the substructure can bear four times the total weight of the device.



Tighten screws firmly (max. 5 Nm / 3.7 lbf ft).

3 Connect the device

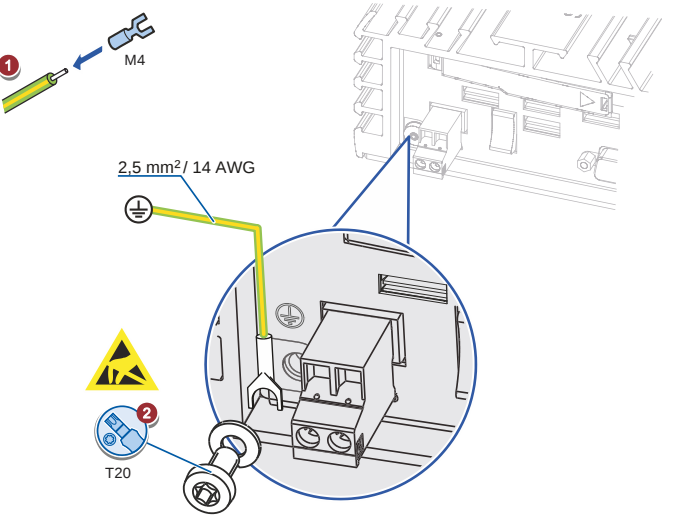
3.1 Requirements for the power supply

DC 24 V = ONLY (direct current)
Current 1.8 A
Typically 13 W
DC 24 V ± 20 %, Security extra low voltage SELV according to IEC/EN / DIN EN / UL 60950-1
Power Supply must meet the following:
NEC Class 2
or
LPS according to IEC/EN / DIN EN / UL 60950-1

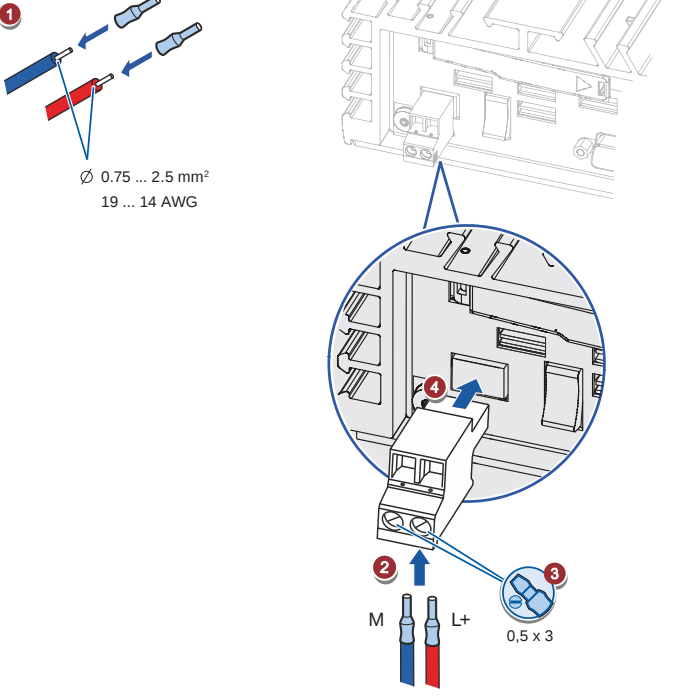
3.2 Switch the device OFF



3.3 Connect the protective ground

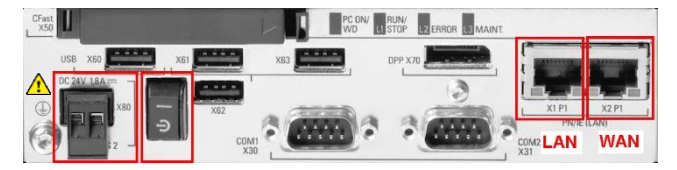


3.4 Connect the power supply



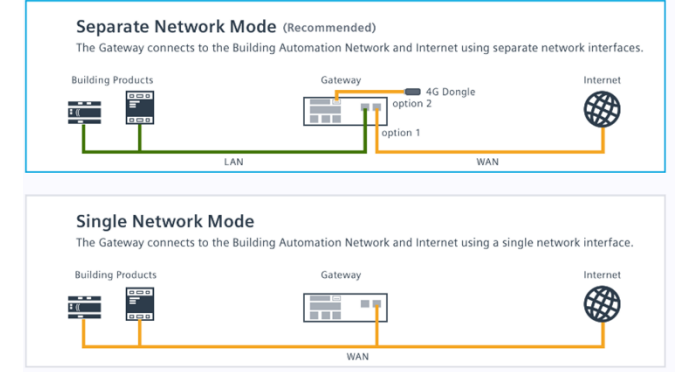
4 Commission the device

1. Plug your Connect X300 to the local network where your PC / notebook / Panel or controller is connected, using **Port X1P1** (named **LAN** in picture below).



2. Switch the device on.
Behavior of the LEDs during commissioning
a) On start-up, all LEDs light up shortly
b) **PC ON/WD**: Short orange flashing – BIOS self test, then steady green.
→ Otherwise restart the device.
c) **L1 RUN / STOP**: Green flashing while the applications start.
Steady green if all applications work properly.
d) **L2 / Error**:
Off during startup (until L1 is steady green).
After approx 1 minute steady orange when an internetconnection is established.
Flashing orange: X300 is activated properly and communicates with the Siemens Cloud.
Steady orange: X300 is registered but has not been activated by the respective cloud application. Log in to the cloud application and follow the instructions for activation.
Off: No internet connection.
→ For 4G modem connection, check the antenna or try another modem.
→ Check the data cable from X2P1 (WAN) to the internet router.

e) **L3 MAINT**: Not used – permanently off.
3. **Direct connection** from the PC to the LAN Port X1P1 of the Connect X300:
Enter 169.254.169.254 in the address bar of the web browser.
It is recommended to use Chrome Browser.
Acknowledge the security warnings and add an exception.
4. On the first web page: Accept the terms of use.
5. Log in using your administrator credentials to start the configuration.
The default user is "admin" and the default password is "admin".
6. Change the default password and log on again.
7. Select the Network Mode / topology and connect the Connect X300 with the internet via WAN Port ("Single Network Mode" via Port X1P1 or "Separate Network Mode - Option1" via WAN Port X2P1) or 4G ("Separate Network Mode - Option2").
Note: after registration the mode can only be changed by executing a factory reset).



LAN Interface (X1P1): physical interface to connect to the Building Automation Network (BAN) and communicating with physical devices.
WAN Interface (X2P1): physical interface to connect to the Internet Network (WAN) and communicating with the internet

8. Register the device by entering:
Name of the Connect X300 and location of the device.

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CXG3.X300

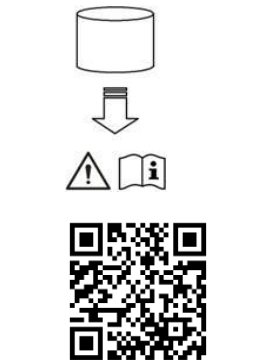
Quick Install Guide

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