

hopf 1000 Product Series Quick Installation Guide

Mounting

Place the module's rail guide bar against the lower edge of the rail, push the module upwards, and clip it to the back.

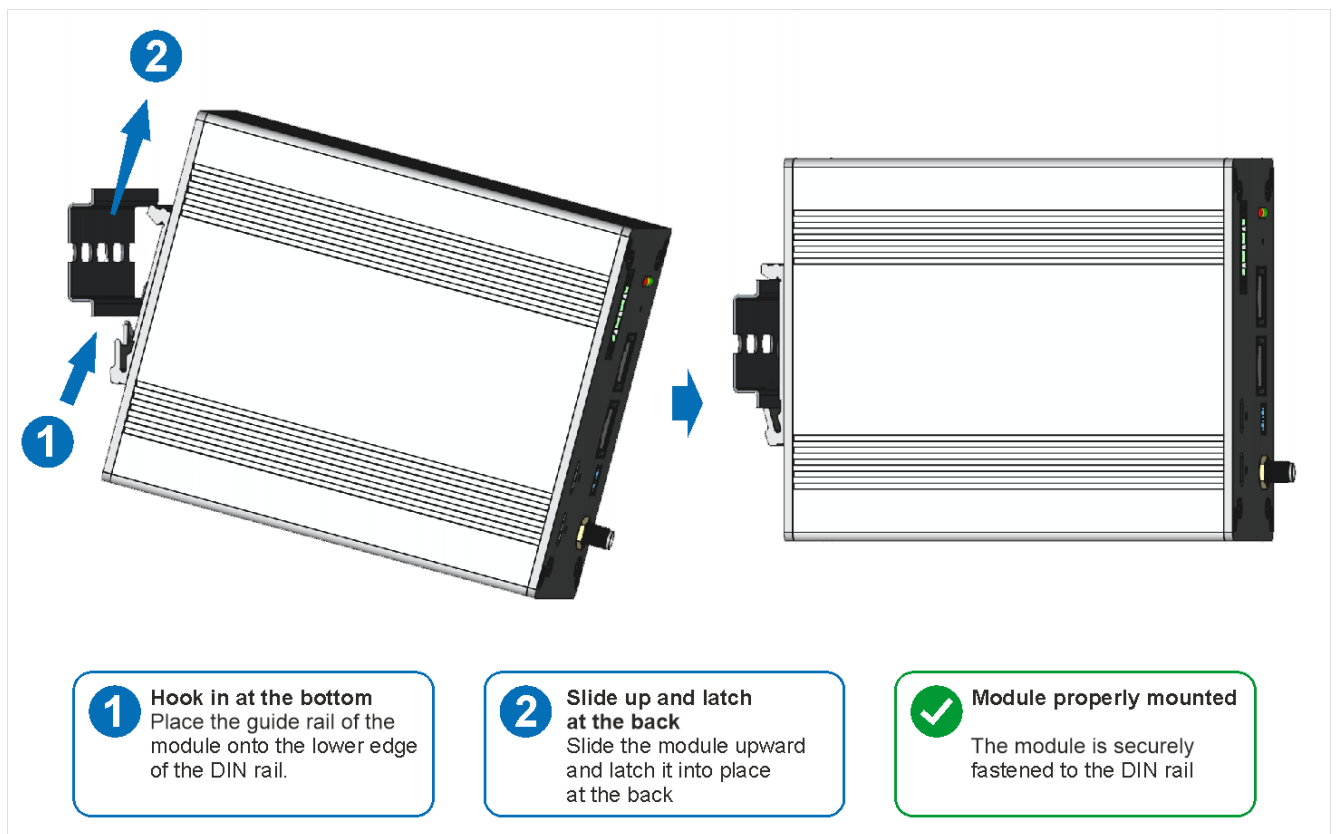


Figure 1: Mounting a module



This unit uses convection cooling. Spacing is recommended for the use of unit in the full operating temperature range and for a long service life. To avoid obstructing the airflow around the unit, use the following spacing rules. A minimum spacing of 25 mm (1.0 inch) above and below, and 10 mm (0.4 inches) left and right of the unit are recommended.

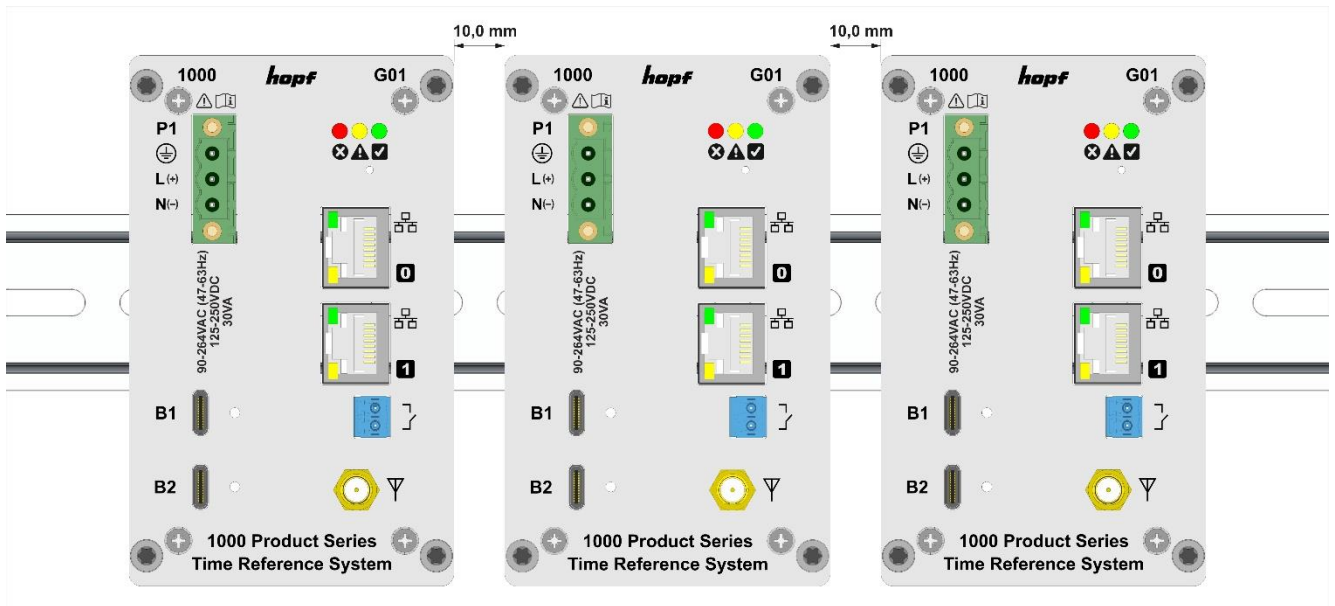


Figure 2: Mounting further modules with spacing rules

Powering and Initial Access

Operating a single System 1000 module (Only Time Domain Controller Modules can be operated as stand-alone modules)

1. Connect a proper power source to P1 or if available P2
2. Connect a computer via a network cable (Cat5e or better) to eth0 of the module
3. Open <https://192.168.0.1> on a browser on your computer
4. Login to **hopf** unified management application huma® web edition with the following default credentials:
 - username: administrator
 - password: administrator



Security Note: Change the default credentials immediately after the initial login to secure the system against unauthorized access.

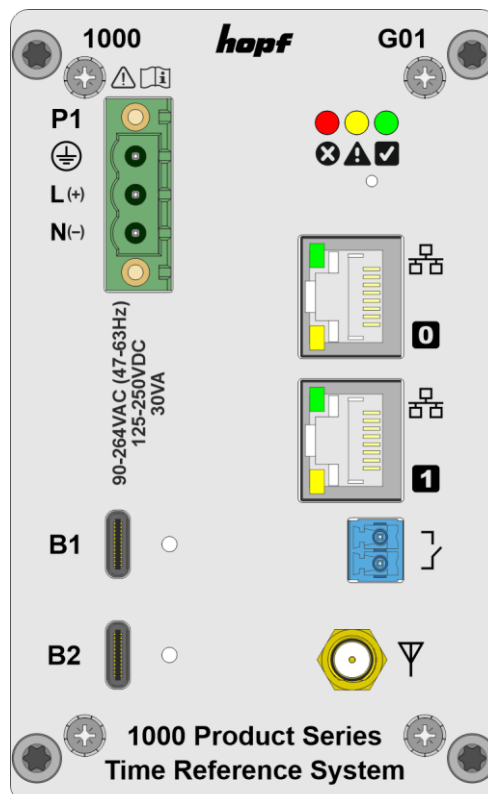


Figure 3: System 1000 clock device consisting of a single FG1000G01 module

Operating more than one System 1000 module as one device

1. Module 1 (at the left end of the chain) must be a Time Domain Controller Module or a Management Controller Module
2. If module 1 is a Management Controller Module, module 2 must be a Time Domain Controller Module
3. All other modules must be Time Service Provider Modules
4. Connect all modules using the included bus cables:
 - B1 connector of module 1 to B2 connector of module 2
 - B1 connector of module 2 to B2 connector of module 3
 - B1 connector of module 3 to B2 connector of module 4
 - B1 connector of module 4 to B2 connector of module 5
 - B1 connector of module 5 to B2 connector of module 6
 - A maximum of 6 modules are supported to build a single clock device
5. Connect a proper power source to P1 or if available P2 of all modules. REMARK: All modules must either be powered at the same time or they must be powered sequentially starting with module 1 and module 6 must be the last one
6. Connect a computer via network cable (Cat5e or better) to eth0 of module 1
7. Open <https://192.168.0.1> on a browser on your computer
8. Login to **hopf** unified management application huma® web edition with the following default credentials:
 - username: administrator
 - password: administrator



Security Note: Change the default credentials immediately after the initial login to secure the system against unauthorized access.

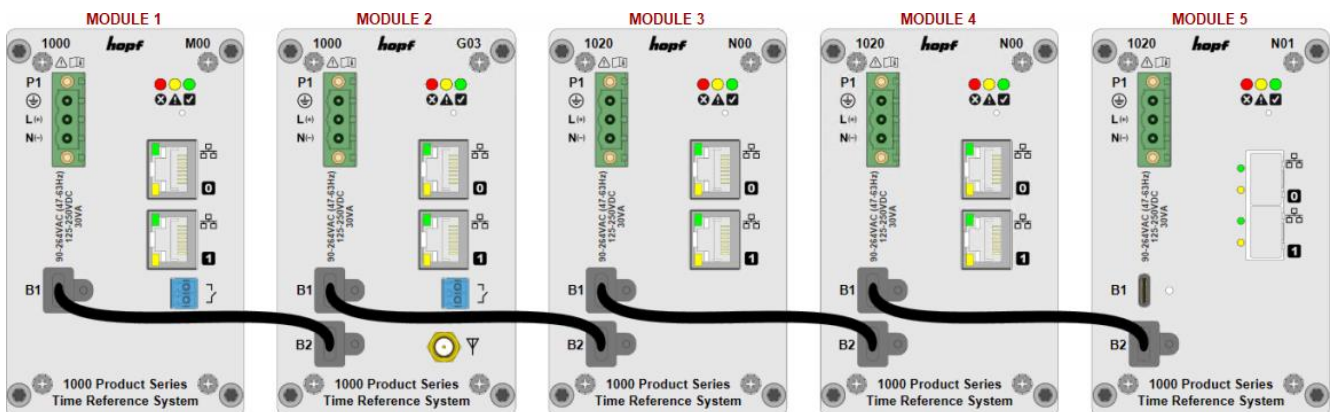


Figure 4: System 1000 clock device with five connected modules