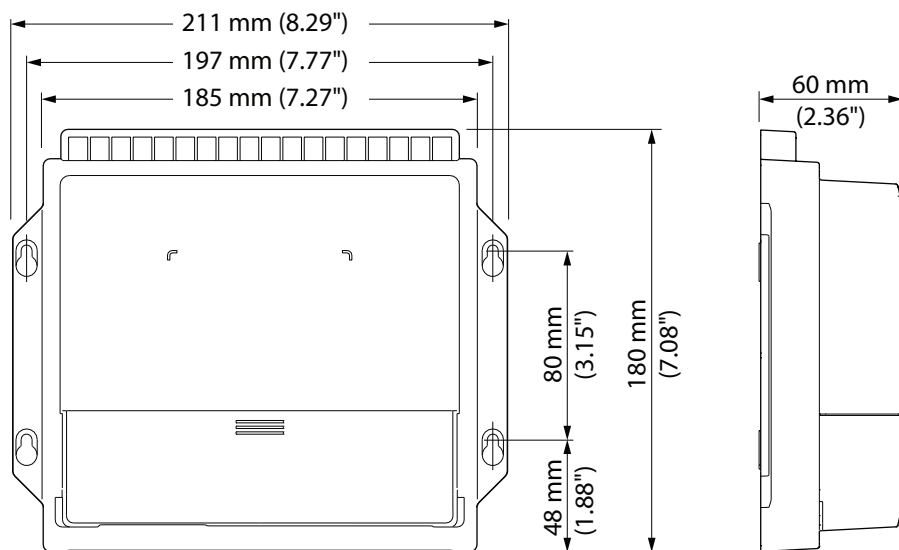
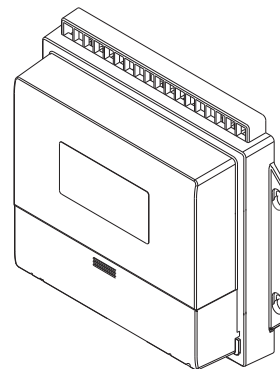


Dimensional drawing



SIMRAD®

MX610 Junction Box INSTALLATION GUIDE

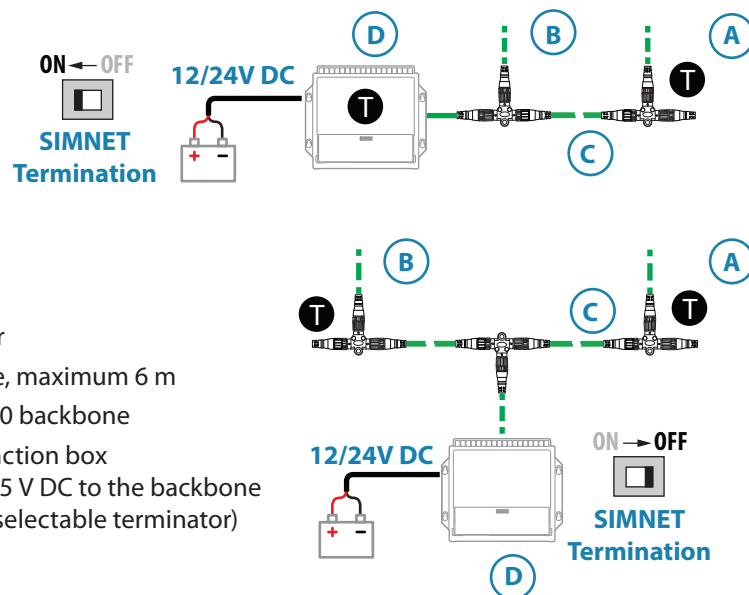


For product manuals, technical specifications, certificates and declarations refer to the product website:

www.navico.com/commercial



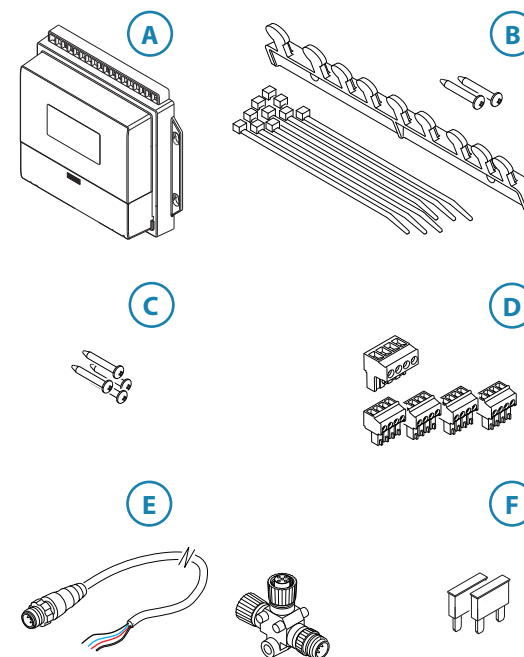
NMEA 2000 backbone



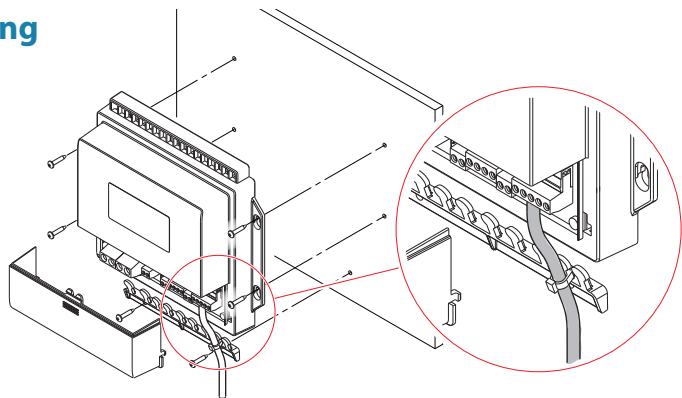
- A.** Terminator
- B.** Drop cable, maximum 6 m
- C.** NMEA 2000 backbone
- D.** MX610 Junction box (supplies 15 V DC to the backbone and has a selectable terminator)

Parts included

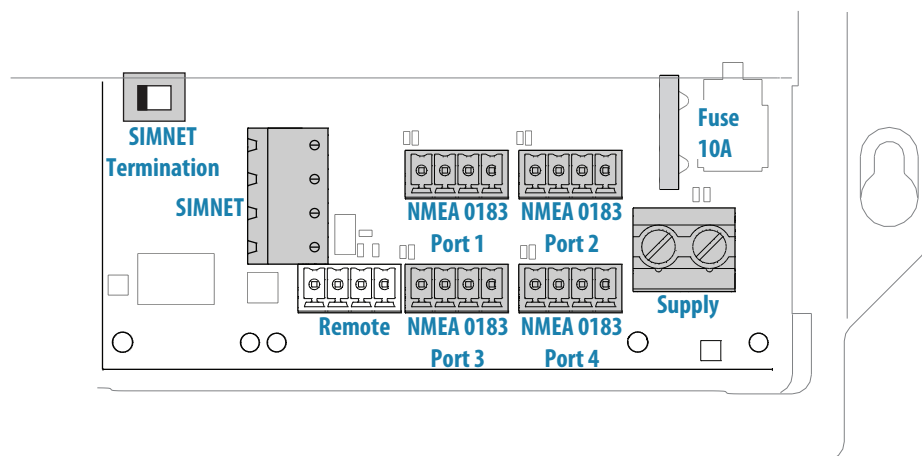
- A.** MX610 Junction box (x1)
- B.** Cable retainer kit
 - Cable retainer (x1)
 - Screws (x2)
 - Cable ties (x10)
- C.** Screws (x4)
- D.** Connectors
 - NMEA 2000 connector (x1)
 - NMEA 0183 connector (x4)
- E.** NMEA 2000 kit
 - NMEA 2000 cable (x1)
 - T-connector (x1)
- F.** Fuse (x2, 7.5 A)



Mounting

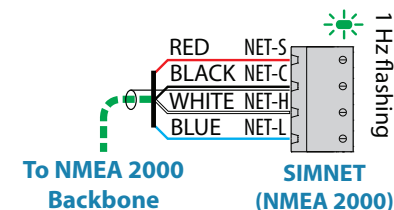


Connector overview



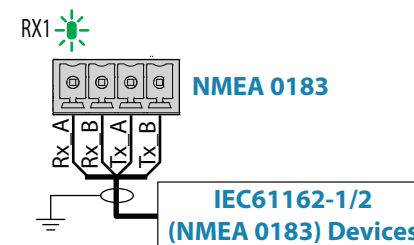
NMEA 2000 wiring

→ **Note:** The cable shield should be connected to NET-C.



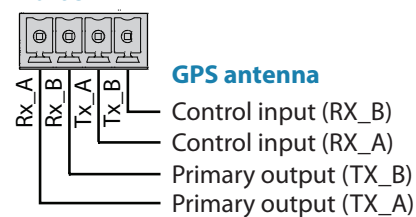
NMEA 0183 (Port 1-4) wiring

→ **Note:** Port 3 is dedicated for smart antenna connection and will reset to 19200 baud after a power cycle.

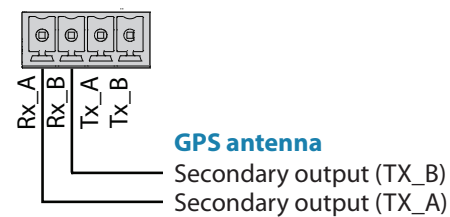


Simrad smart GPS antenna

Port 3

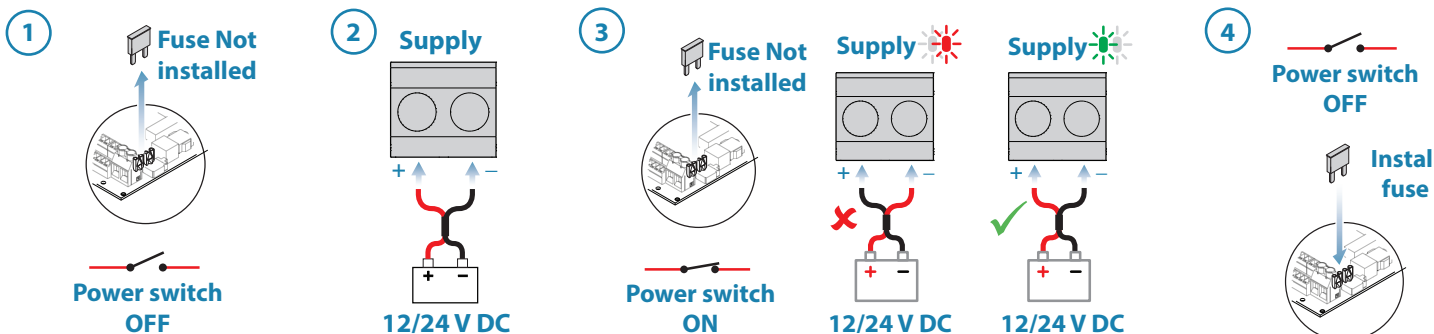


Port 4



→ **Note:** Power can be taken directly from the 12/24 V DC power supply terminal.

Power wiring and polarity check



RTCM input

