

### 3.1.6 Connecting to Power

For safety information, see ["Connecting to power"](#) on page 14.



If there were any problems during power on, check the condition of the mains fuses as described under [Chapter 8.2, "Changing Fuses"](#), on page 490.

To connect the R&S SMB to power:

1. Plug the AC power cable into the AC power connector at the [rear panel](#) of the instrument. Only use the AC power cable delivered with the R&S SMB.
2. Plug the AC power cable into a power outlet with ground contact.

The required ratings are listed next to the AC power connector and in the data sheet.

### 3.1.7 Connecting to LAN

#### Network environment

Before connecting the product to a local area network (LAN), consider the following:

- Install the latest firmware to reduce security risks.
- For internet or remote access, use secured connections if applicable.
- Ensure that the network settings comply with the security policies of your company. Contact your local system administrator or IT department before connecting your product to your company LAN.
- When connected to the LAN, the product may potentially be accessed from the internet, which may be a security risk. For example, attackers might misuse or damage the product.

#### To connect to LAN

The "LAN" connector is at the [rear panel](#).

- Connect the LAN socket with an RJ-45 cable to the LAN.

By default, the R&S SMB is configured to use DHCP (dynamic host configuration protocol) and no static IP address is configured.

If switched on and connected to the LAN, you can find the address information in the network settings dialog.

See [Chapter 4.2.3.8, "Network Settings"](#), on page 104