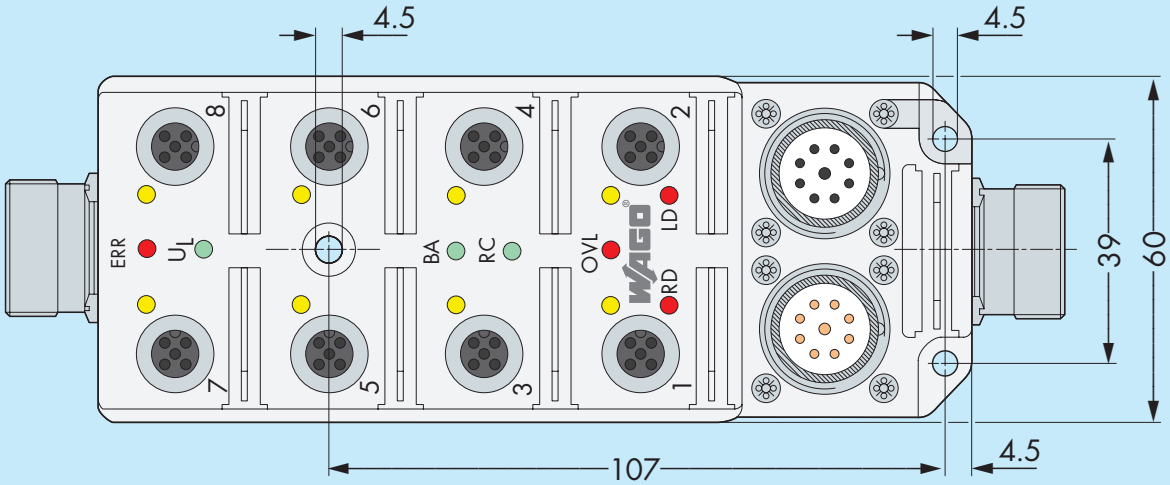


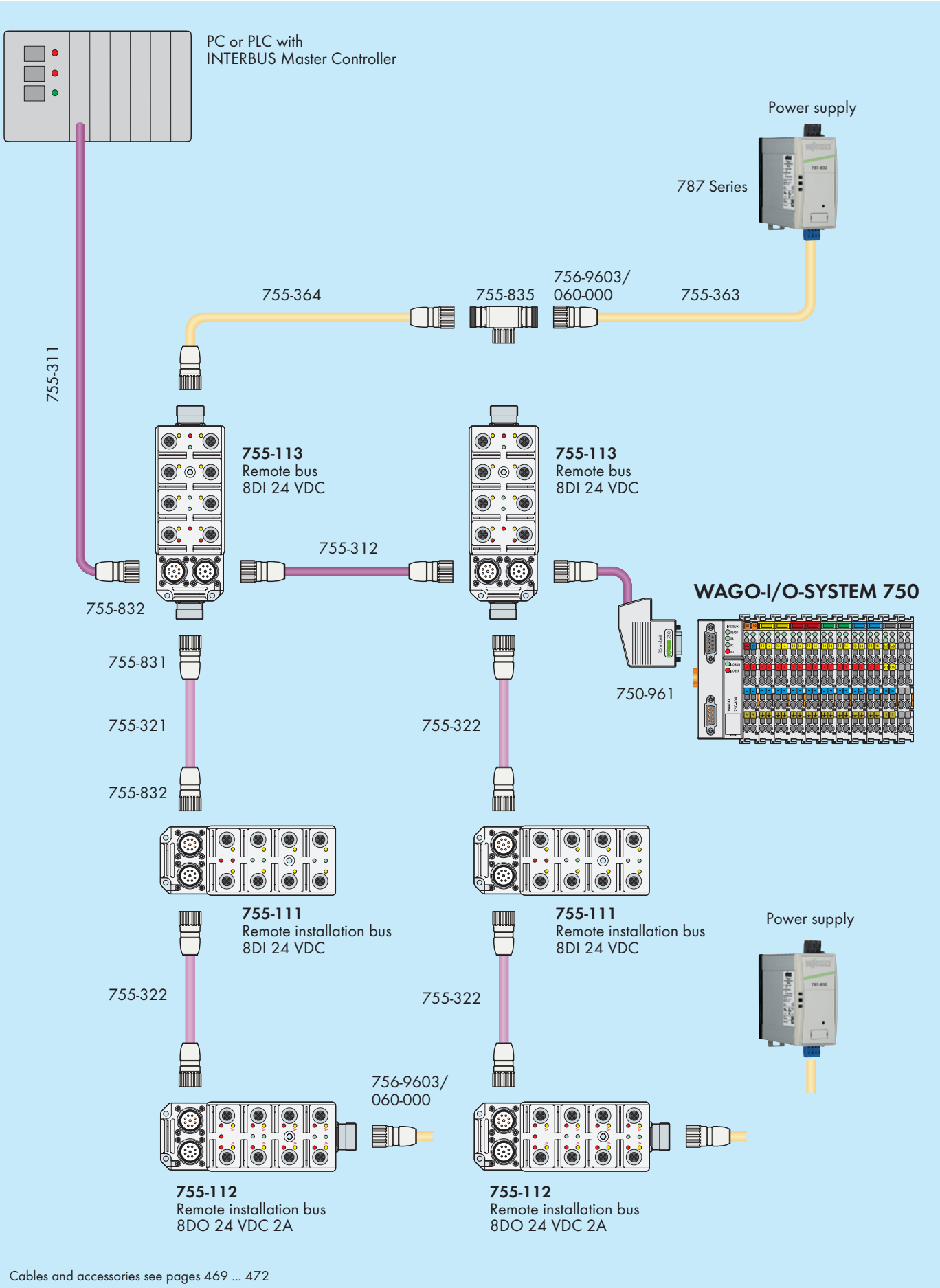
Assembly dimensions (mm)

System description
The INTERBUS fieldbus is characterized by its node to node serial connections. This is a ring topology since sending and returning of data is done within one single cable.
INTERBUS is divided up into several different sections, e.g. remote bus and remote installation bus. The remote bus serves to bridge great distances and achieves a broad network.

The supply voltage of the module electronics and the actuators is carried along which makes the remote installation bus especially suitable for the design of distributed substationswith a direct connection to the field.
The number of I/O modules that can be connected to the remote installation bus is limited by the maximum current consumption of all modules and actuators. A total of 4.5A must not be exceeded.
These features, among others, are the basis for cost effective segmentation and make it possible to separate faulty parts from the bus, thus maintaining or even increasing the capabilities of an installation.

Addressing
The type, number, and sequence of the modules is recognized automatically by the master. Addressing is not necessary!

Topology



Cables and accessories see pages 469 ... 472