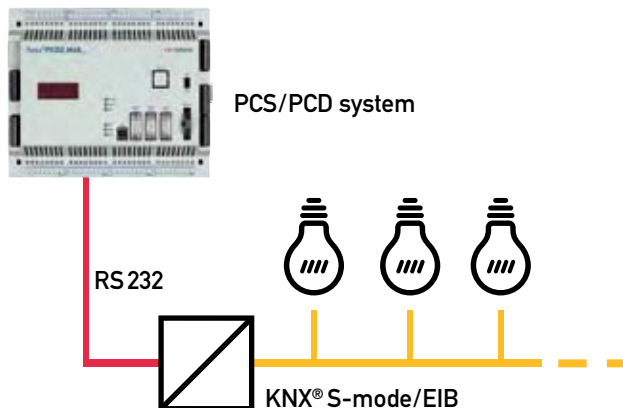


## 2.8 Open communication | KNX® S-Mode/EIB Communications driver for the KNX® network

At some point, users reach the performance limits of KNX(EIB) components currently on the market. The efficient management of building installations demands powerful inter-plant functions. User programmable Saia® DDC-Plus sub-stations, with the appropriate driver, offer an optimum solution to complex tasks.

This comfortable and versatile system offers:

- The universal functionality of a DDC sub-station in the network.
- Full graphical programming, allowing even relatively complex tasks to be implemented without much prior knowledge.
- A large range of digital and analogue data point modules allowing the connection of all kinds of sensors and actuators.
- One or more serial interfaces through which universal communication is possible with other devices.
- DDC sub-stations allow the transparent exchange of data according to LonWorks®, BACnet®, M-Bus, Ethernet-TCP/IP, Saia® S-Bus, Profibus, MP-Bus BELIMO® or Modbus. Network transitions which, in the past, were complicated are now broken up in the simplest way by a PCD system.
- The driver supports KNX® S-Mode (EIB) functions.



The driver is connected directly to the EIB interface module across an RS 232 interface..



### Important notes

During network transitions (e.g. from Ethernet or DALI) and certain KNX services, increased showers of status messages may be generated. Since the KNX-BCU interface does not have an adequate buffer, a PCD2.M480 should be used for large, complex KNX installations, to avoid loss of telegrams. This device has sufficient power to process message showers.

Example of full graphical programming with Saia® PG5

