## 7.2 FSC11B communication module

The FSC11B communication module enables communication with other units. These may include: PC, operator terminals, MOVITRAC® or MOVIDRIVE®.

Part number	1820 716 2
Functions	• Communication with PLC / MOVITRAC® B / MOVIDRIVE® / PC
	• Operation/parameter setting/service (PC)
	• The options FSC11B and FIO11B are installed at the same fastening place and therefore cannot be used simultaneously.
Features	• RS-485 (one interface): Plug-in terminals and service interface (RJ10 socket)
	• CAN-based system bus (SBus) (plug-in terminals)
	• Supported protocols: MOVILINK® / SBus / RS-485 / CANopen
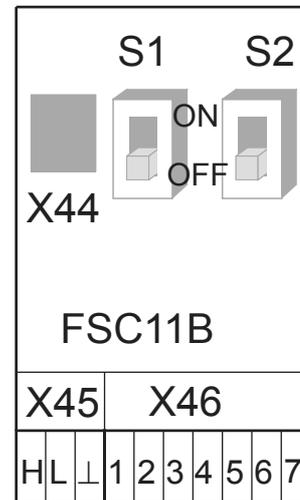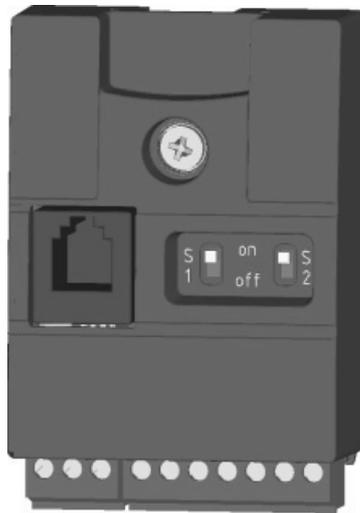
Function	Terminal	Description	Data
System bus (SBus)	X46:1 X46:2 X46:3 X46:4 X46:5 X46:6 X46:7	SC11: SBus high SC12: SBus low GND: Reference potential SC21: SBus high SC22: SBus low GND: Reference potential 24VIO: Auxiliary voltage / external voltage supply	CAN bus to CAN specification 2.0, parts A and B, transmission technology to ISO 11898, max. 64 participants, terminating resistor (120 Ω) can be activated using DIP switches Terminal cross-section: 1.5 mm² (AWG15) without conductor end sleeves 1.0 mm² (AWG17) with conductor end sleeves
RS-485 interface	X45:H X45:L X45:⊥	ST11: RS-485+ ST12: RS-485– GND: Reference potential	EIA standard, 9.6 kBaud, max. 32 participants Maximum cable length 200 m Dynamic terminating resistor with fixed installation Terminal cross-section: – 1.5 mm² (AWG15) without conductor end sleeves – 1.0 mm² (AWG17) with conductor end sleeves
Service interface	X44 RJ10		Only for service purposes, exclusively for point-to-point connection Maximum cable length 3 m (10 ft)