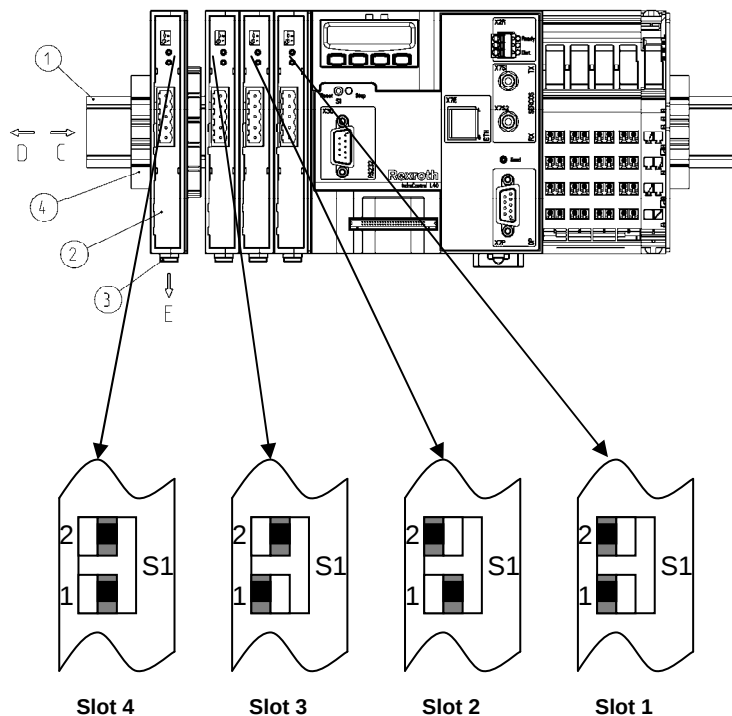




Comply with the required safety precautions when handling ESD-sensitive components (EN 61340-5-1, EN 61340-5-2)! The module may only be installed or replaced by skilled personnel!

CFL01.1-R3 Function Module SERCOS III

Installation instructions for electricians



Surrounding air temperature: 5 - 55°C

The function module is intended for use with CML series only.

Installation instruction for the function module:

⚠ NOTICE

The components are destroyed if the modules are assembled while the system carries voltage!

- De-energize the entire station before the assembly or disassembly of function modules.

Please note that the mounting rail (1) is connected to the functional earth ground!

Selecting the slot-number (address):

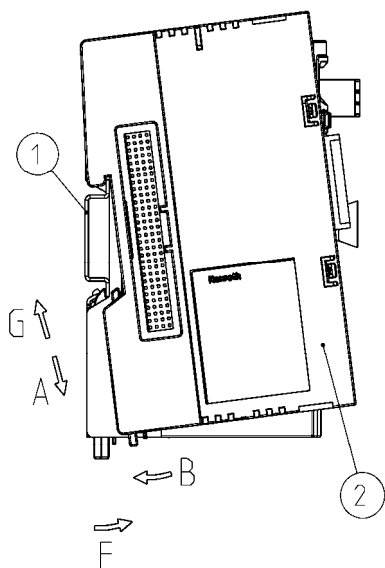
Each slot has to be selected on the DIP-switch S1 (see figure)! Please ensure that the correct settings are selected!

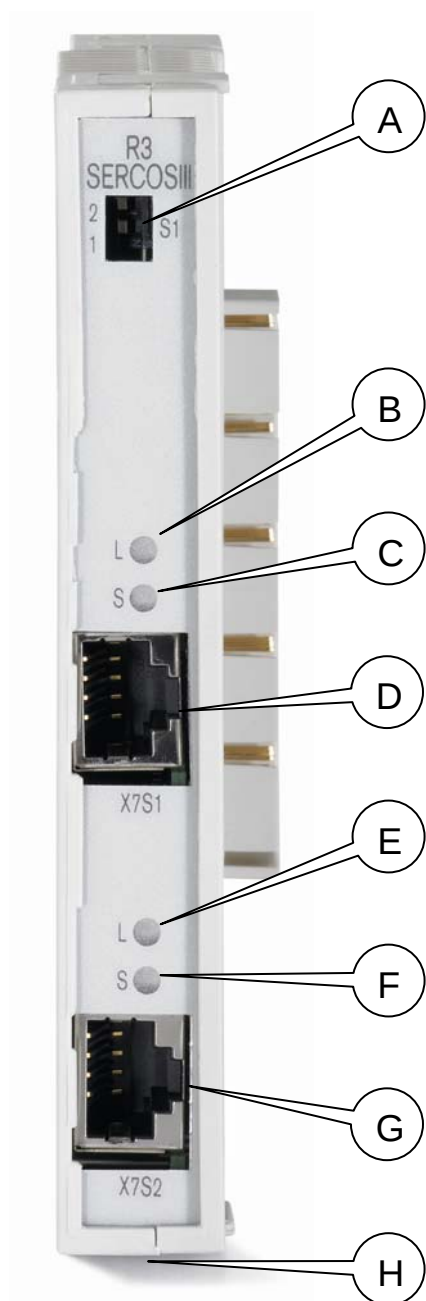
Placing the function module onto the mounting rail:

The function modules are connected to the 120-pin female connector on the left side of the IndraControl L control. Place the function module (2) onto the mounting rail (1,A) and tilt it down to the mounting rail (B) until it snaps in (3). Press the function module towards the 120-pin connector (C). If required, repeat this procedure for other function modules, connected in series. Lock the function module on the mounting rail with the end clamp (4).

Removing the function module from the mounting rail:

Remove the end clamp (4). Pull the function module to the left (D), away from the control and the next module. Pull down the locking bar (3) with a screwdriver and tilt the function module up (F).





Connection and control elements:

- A S1, Address switch
- B L, SERCOS III-Port 1 Link indicator
- C S, SERCOS III-Port 1 Status indicator (Activity)
- D X7S1, SERCOS III-Port 1 RJ45 socket
- E L, SERCOS III-Port 2 Link indicator
- F S, SERCOS III-Port 2 Status indicator (Activity)
- G X7S2, SERCOS III-Port 2 RJ45 socket
- H Locking bar

SERCOS III interface

Pin assignment of the RJ45 connector X7S1/X7S2:

- 1 TX+ transmission data +
- 2 TX- transmission data -
- 3 RX+ received data +
- 6 RX- received data -

Housing: Shield

Cable: Cat5 double shielded



Cable fixing required for installation!
Use copper conductors only!

Please refer to the system-specific manual for a more detailed description.

LED Display

LEDs Eth	Color	Status	Meaning
L	green	on	Eth link up
		off	Eth link down
S	yellow	flashing	Eth data traffic
		off	No Eth data traffic