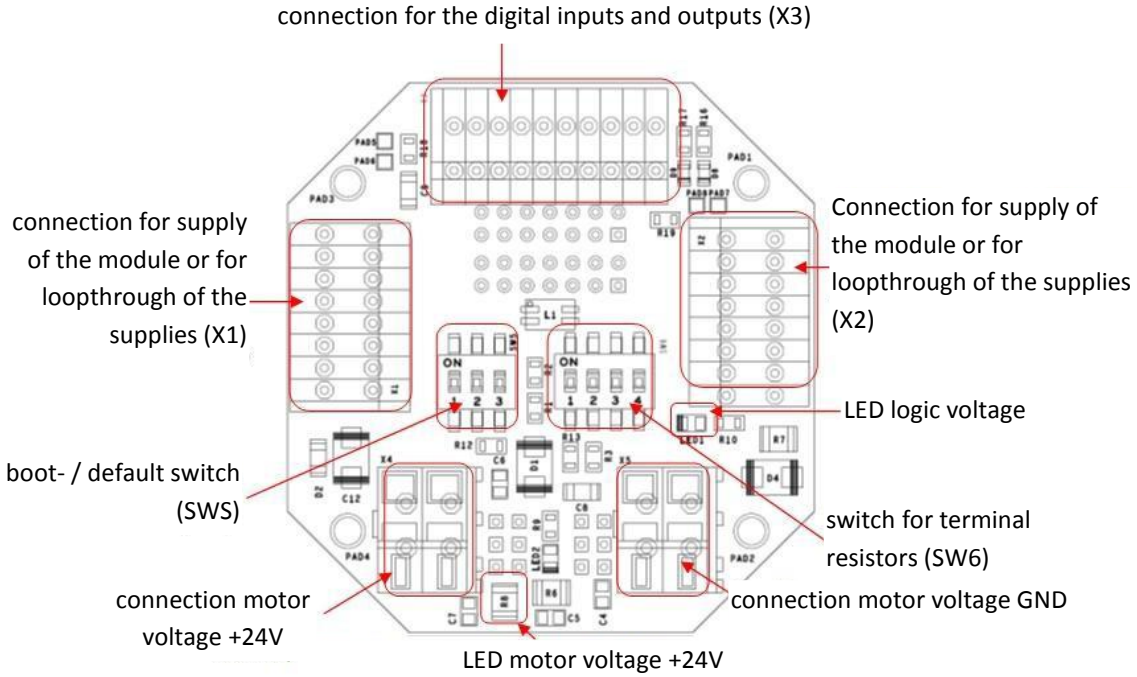
Manual for commissioning of

SCHUNK DMI



Configuration X1/X2:

Labeling	Function
BUS_H	CAN_H / Profibus BUS_A
BUS_L	CAN_L / Profibus BUS_B
Tx	RS232 TX (Attention: former RX)
Rx	RS232 RX (Attention: former TX)
GND	GND
+24V	24 V DC Power Supply Logic
PE	Shield Connection
GND	GND

Configuration X3:

Labeling	Function
VS/2	Power Supply IO's +24 V DC
GND/2	Power Supply IO's GND
IN0	Digital Input 0
IN1	Digital Input 1
IN2	Digital Input 2
IN3	Digital Input 3
OUT0	Digital Output 0
OUT1	Digital Output 1
OUT2	Digital Output 2
OUT3	Digital Output 3

Function SW5:

Boot (S 1)	Puts firmware in Boot-modus (Normally only required by SCHUNK)
Default (S 2)	Sets default values
Tx (S 3)	This switch is normally not required

DIP-switch for the Default-function:
DIP-switch labeled “Dft.” (Default) sets module back to default settings.
The Default-function refers only to the following parameters:
Communication interface: Serial (RS232); baud rate 9600; module address 15

DIP-switch for the Boot-function (only for Schunk-Service):
The module can be updated with new firmware through the BOOT-function.
By turning DIP-switch “ON”, firmware can be written under menu item “firmware administration”.
This “BOOT-function“ is not necessary for updating firmware under menu item „update firmware…”.

“Tx” DIP-switch
Turning “Tx” DIP-switch “OFF”.

Function SW6:

Profibus-Termination (S 1 – 3)	Sets termination resistance for Profibus. All three switches have to be turned on.
CAN-Term (S 4)	Sets termination resistance for CAN.

DIP-switch for Profibus: (Activating termination resistance)
If the Profibus module is the last module involved in Profibus, all three “Profibus Termination” DIP-switches have to be turned “ON”.
If the Profibus-module is not the last module involved in Profibus, all three “Profibus-Termination” DIP-switches have to be turned “OFF”.

DIP-switch for CAN-Bus: (Activating termination resistance)
If the CAN-module is the last module involved in CAN-Bus, the “CAN-Term” DIP-switch has to be turned “ON”.
If the CAN-module is not the last module involved in CAN-Bus, the “CAN-Term” DIP-switch has to be turned “OFF”.