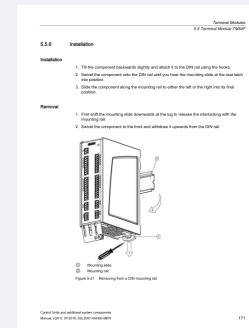


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6SL3055-0AA00-3BA0

Fail-safe terminal expansion module



PRODUCT	6SL3055-0AA00-3BA0
FAMILY	SINAMICS S120 TM54F
FUNCTION	Fail-safe terminal expansion module
SOURCE	Siemens SINAMICS S120 TM54F manufacturer documentation; applicable pages 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165,

01 OFFICIAL MOUNTING AND WIRING

- Attach the component to the DIN rail using the hooks.
- Swivel the component toward the DIN rail until the mounting slide at the rear latches.
- Slide the component along the mounting rail to its final position; follow the manufacturer shield-support and protective-conductor instructions.

AMIKON PRODUCT SUPPORT

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5.5.5 Dimension drawing

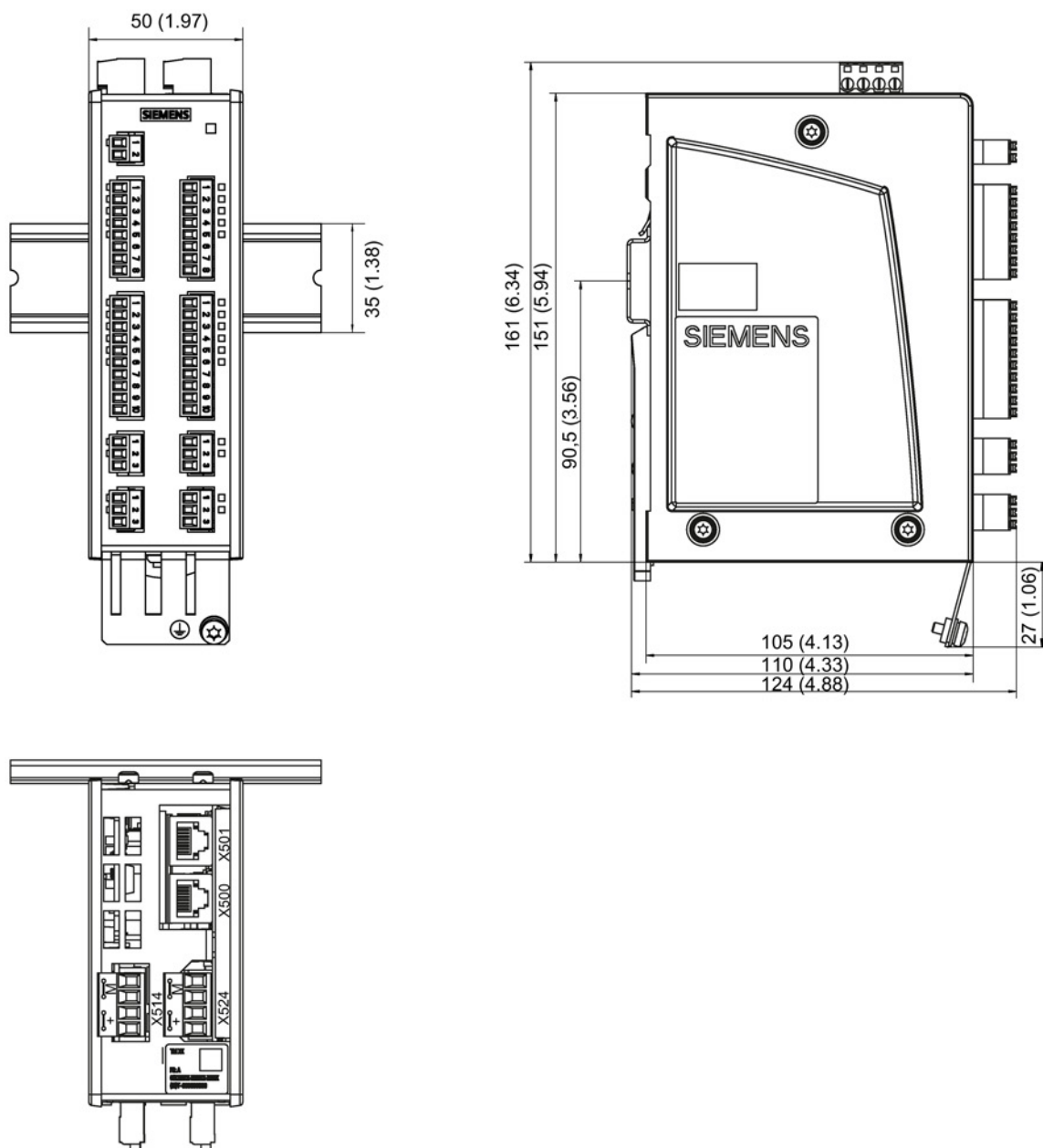


Figure 5-20 Dimension drawing of Terminal Module TM54F, all data in mm and (inches)

5.5.6 Installation

Installation

1. Tilt the component backwards slightly and attach it to the DIN rail using the hooks.
2. Swivel the component onto the DIN rail until you hear the mounting slide at the rear latch into position.
3. Slide the component along the mounting rail to either the left or the right into its final position.

Removal

1. First shift the mounting slide downwards at the lug to release the interlocking with the mounting rail.
2. Swivel the component to the front and withdraw it upwards from the DIN rail.

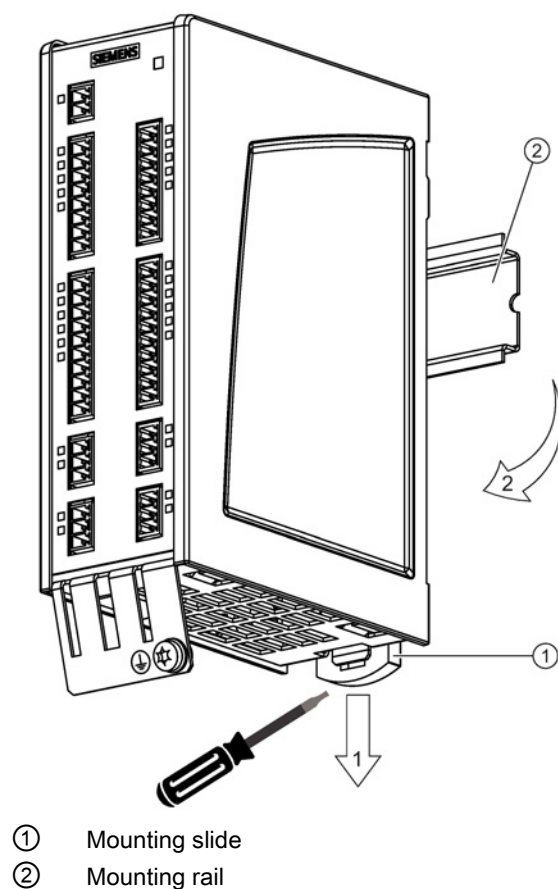
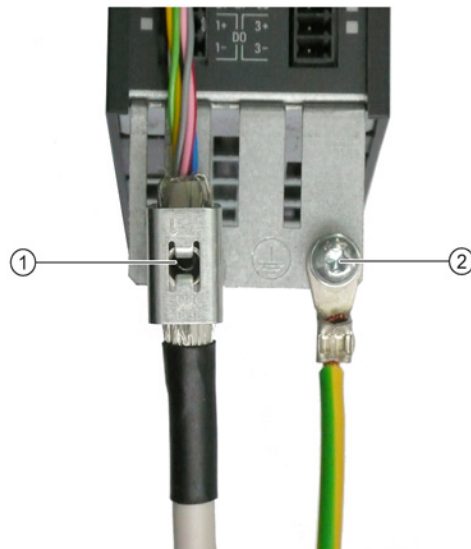


Figure 5-21 Removing from a DIN mounting rail

5.5.7 Protective conductor connection and shield support

It is always advisable to shield the digital input and output wiring.

The following diagram shows a typical Weidmüller shield connection clamp for the shield support.



- ① Shield connection terminal, Weidmüller company, type: KLBUE CO1, Article number: 1753311001
- ② Protective conductor connection M4 / 1.8 Nm

Figure 5-22 Protective conductor connection and shield support

NOTICE

Damage or faulty operation due to incorrect shielding or inadmissible cable lengths

If the correct shielding procedures or the permissible cable lengths are not observed, it can cause damage or the machine may malfunction.

- Only use shielded cables.
- Do not exceed the cable lengths stated in the technical data.