

Protective Cover of Power Terminal

1 Introduction

1.1 Description

This Installation Guide explains how to install the protective cover for power terminals.

To ensure compliance with IEC 61800-5-1, use the protective cover listed in this guide to fulfil the CE request.

1.2 Item Supplied

- Protective cover of power terminal ke61 (code number: 950f0010)
- Protective cover of power terminal ke62 (code number: 950f0011)
- Protective cover of power terminal ke63 (code number: 950f0012)

1.3 Safety Precautions

⚠ WARNING ⚠

HIGH VOLTAGE

AC drives contain high voltage when connected to AC mains input, DC supply, or load sharing. Failure to install the protective cover described in this Installation Guide by qualified personnel can result in death or serious injury.

- Only qualified personnel must perform installation, start-up, and maintenance.
- The protective covers must be mounted on the power terminals.

⚠ CAUTION ⚠

Do not take apart the protective covers from the drive by hands, a proper tool is needed. For example, a screwdriver.

NOTICE

Do not throw away the protective covers after connecting the wires.

For other important information about safety precautions for installation, refer to the drive's Operating Guide.

1.4 Product Overview

The power terminals of the drive include mains terminals, +/-UDC terminals, and motor terminals.

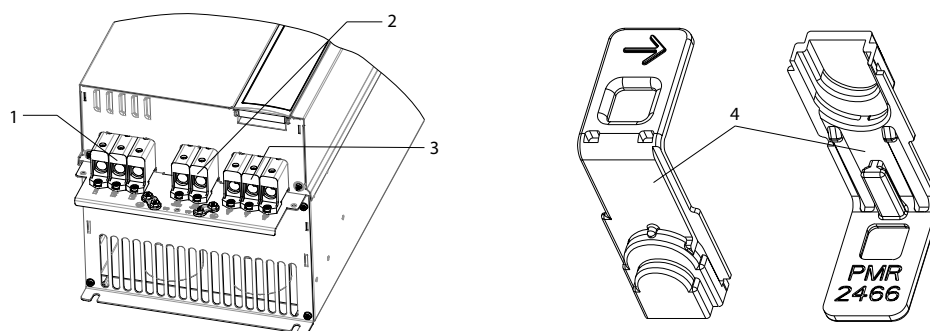


Illustration 1: Power Terminals and Protective Cover

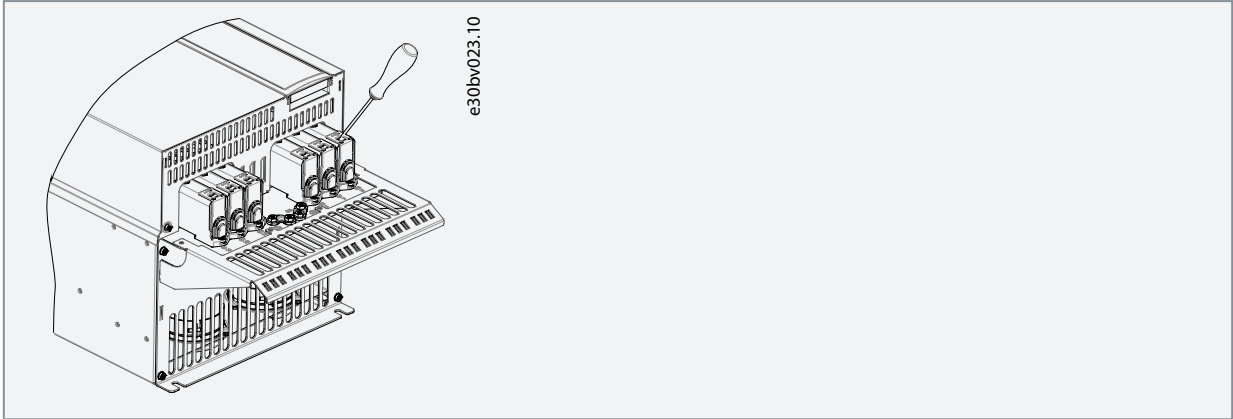
1	Mains terminals	3	Motor terminals
2	+/-UDC terminals	4	Protective cover

2 Installation

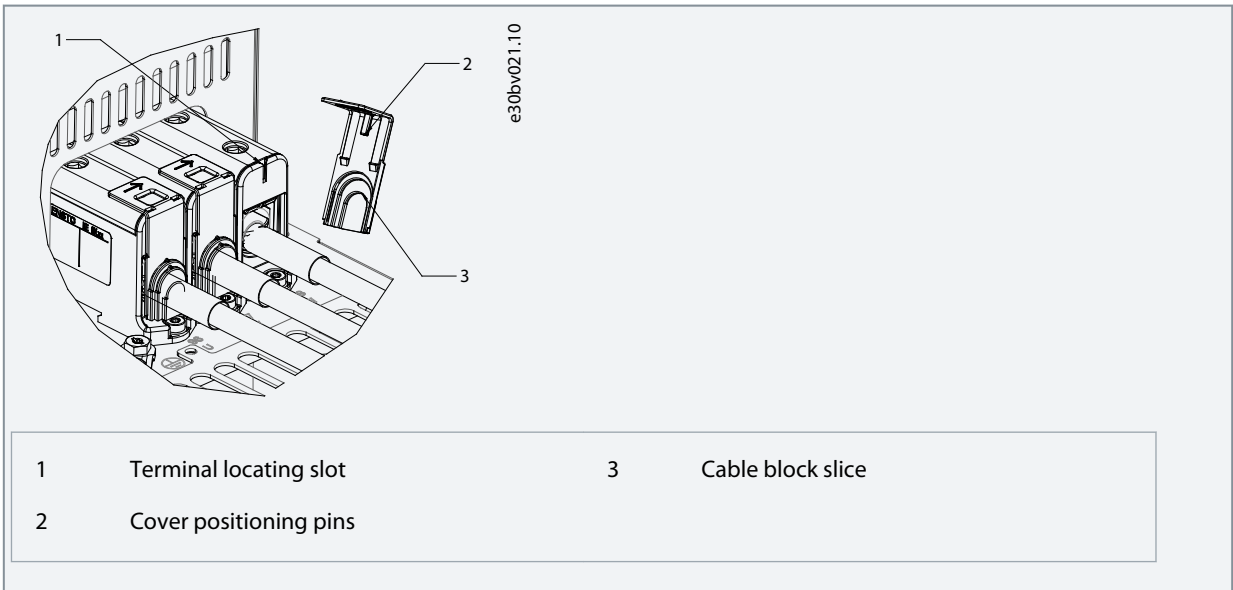
2.1 Mounting the Protective Covers

Procedure

1. Remove the protective covers using a screwdriver before connecting the stripped wire as shown in the following illustration.



2. After connecting the stripped wire, install the protective covers on the power terminals as shown in the following illustration.
 - a. Cut the cable block slice according to the wire size.
 - b. Put the positioning pin to the terminal locating slot.



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