

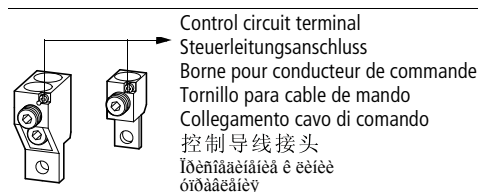
04/16 IL01210007Z
(AWA1230-2050, AWA1230-2652)

NZM2(-4)-XKA NZM2-1-XKA

NZM3(-4)-XKA1 NZM3-1-XKA1

NZM3(-4)-XKA2 NZM3-1-XKA2

...XKA... Mechanical (Tunnel) Lug Connector Kits for NZM2 and NZM3 Molded Case Circuit-Breakers and Switches



Cu

1 x 0.75 - 2.5 mm ²	1.2 Nm
2 x 0.75 - 1.5 mm ²	11 lb-in
1 x AWG 18 - 14	
2 x AWG 18 - 16	

For aluminium (Al) and copper (Cu) connection.
Für Aluminium-(Al) und Kupferanschluss (Cu).
Pour le raccordement aluminium (Al) et cuivre (Cu).
Para conexión de aluminio (Al) y de cobre (Cu).
Per collegamento di alluminio (Al) e rame (Cu).

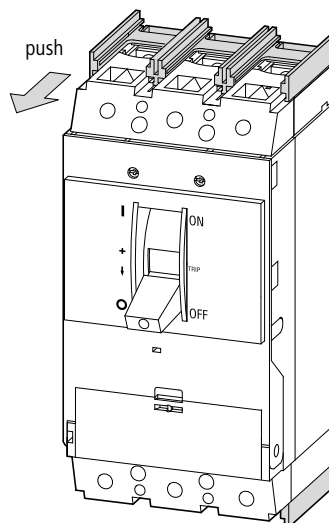
用于铝制 (AL) 和铜制 (Cu) 接头。
Άεγ ἀλὺμῖνιῶς (Al) ἔ καὶ χαλκῷ (Cu).
NZM2(-4)-XKA = 185 mm²/350 kcmil
NZM2-1-XKA

NZM3(-4)-XKA1 = 185 mm²/350 kcmil
NZM3-1-XKA1

NZM3(-4)-XKA2 = 240 mm²/500 kcmil
NZM3-1-XKA2

Recommended max. conductor
Empfohlener max. Leiter
Section max. recommandée
Conductor máx. recomendado
Conduttore max. raccomandato
推荐的最大导体
Ἀδειστέωτα ὀρίσματα. ὀρίσματα

-NA, -CNA (UL/CSA models)



The barrier (shown shaded in the diagrams) is held tightly into grooves on top and bottom sides of the breaker or switch and must be removed in order to mount ...-XKA... Mechanical (Tunnel) lug connectors on NZM2 and NZM3 Circuit-Breakers and switches.
To remove:
From the back of the device, use thumb pressure to push, or an appropriate tool to gently tap each side of the barrier to help slide it out.



en Caution!

The removal or exchange of parts during mounting may become necessary. Refer to installation instructions for proper assembly and to maintain electrical clearances.



Vorsicht!

Für die Durchführung der beschriebenen Arbeiten kann das Entfernen oder der Austausch von Teilen notwendig sein. Bitte alle Installations-Anweisungen beachten, um die erforderlichen Luft- und Kriechstrecken nach dem Zusammenbau zu gewährleisten.



Attention !

L'enlèvement ou l'échange de certaines pièces pendant le montage est parfois nécessaire. Consultez l'instruction d'assemblage pour assurer une installation conforme aux normes.



¡Atención!

Con el fin de llevar a cabo los trabajos descritos, puede ser necesario eliminar o cambiar alguna pieza. Le rogamos tenga en cuenta todas las instrucciones de instalación para así garantizar las líneas de fuga y efluvo necesarias tras el montaje.

it Attenzione!

Per l'esecuzione degli interventi descritti potrebbe essere necessaria la rimozione o sostituzione di alcuni pezzi. Attenersi alle istruzioni d'installazione per garantire dopo l'assemblaggio le vie di dispersione necessarie.



小心!

执行所描述的操作时可能需要拆除或更换零部件。
请遵守所有相关的安装说明，
以确保在组装后能获得需要的空间距离或爬电距离。



Внимание!

Для выполнения описанных работ может потребоваться удаление или замена некоторых деталей. Строго соблюдать инструкции по монтажу для обеспечения необходимых путей для разряда и ползающего тока.

The diagram shows a Z2 terminal block assembly. It consists of a main vertical unit with a handle labeled 'ON' and 'OFF'. The handle is currently in the 'ON' position. Below the handle is a small switch labeled 'Z2'. The top of the unit has three terminal blocks labeled 'L1', 'L2', and 'L3'. The bottom of the unit has four terminal blocks labeled 'N', 'PE', 'PE', and 'PE'. A dashed line indicates the removal of the top cover, which is shown as a separate component with a handle. A circular arrow indicates the rotation of the handle.

1

8 mm

Diagram illustrating the assembly of the XKSA component into the base.

Step 1: Insert the XKSA into the base.

Step 2: Tighten the screw.

Step 3: Tighten the nut.

Dimensions:

- 5 mm
- 14 Nm $\rightarrow$ NZM2-XKA (123.9 lb-in)
- 8 mm
- 31 Nm $\rightarrow$ NZM3-XKA1 (274.37 lb-in)

2

35 mm
(1.38 in)

8 mm
31 Nm
(265.5 lb-in)

1 x 16 - 185 mm ² *
1 x AWG 6 - 350 kcmil

*Max. 185 mm² can be connected depending on the cable manufacturer.

Je nach Kabelhersteller bis zu 185 mm² anschließbar.

Selon le fabricant de câble, possibilité de raccorder jusqu'à 185 mm².

Dependiendo del fabricante del cable pueden conectarse hasta 185 mm².

Sezione max collegabile 185 mm² in base al produttore del cavo.

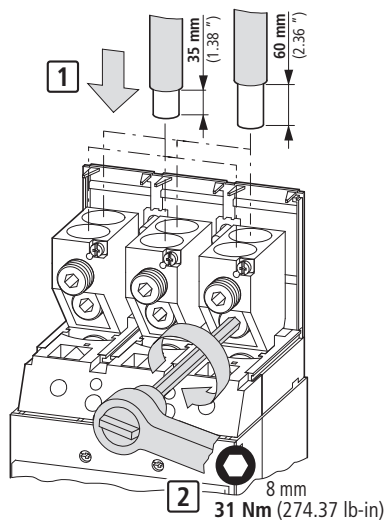
根据不同的电缆制造商,可连接最大 185 mm²

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NZM3(-4)-XKA2
NZM3-1-XKA1
NZM3-1-XKA2

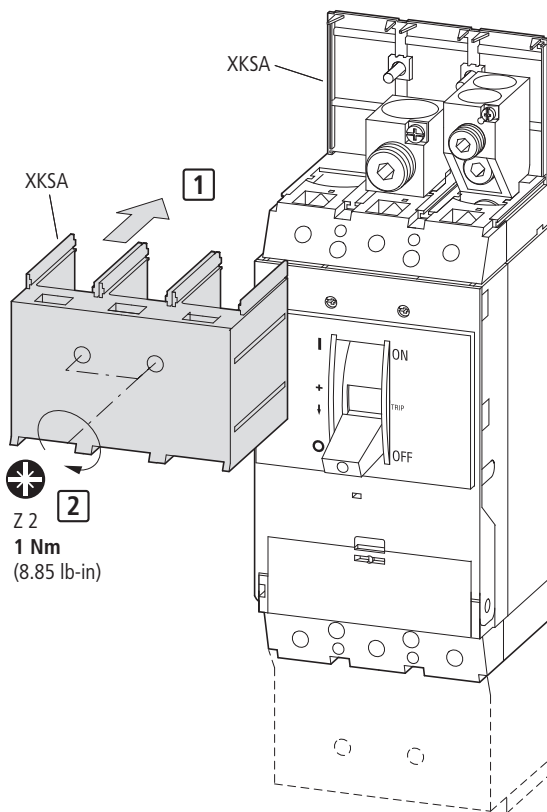
5b



1 x 50 - 240 mm ²
2 x 50 - 240 mm ²
1 x AWG 0 - 500 kcmil
2 x AWG 0 - 500 kcmil

Use ferrules with flexible and highly flexible conductors.
Bei feindrähtigen und hochflexiblen Leitern Aderendhülsen verwenden.
Pour les conducteurs souples et extra-souples, utiliser des embouts.
Para conductores flexibles y muy flexibles deben utilizarse terminales.
Per conduttori flessibili e altamente flessibili utilizzare capicorda.
对于多股和非常容易弯曲的线缆可以使用线缆衬套
Для тонкопроволочных и очень гибких жил требуется использовать наконечники.

6



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Use of Terminal Cover NZM3-XKSA on UL/CSA models:

- Mechanical (tunnel) lug connector kits ...XKA... come supplied with terminal cover NZM3-XKSA. Top and bottom portions of the terminal cover are mounted as shown in above diagrams and installation is always required.
- Terminal cover NZM3-XKSA maintains electrical clearances and provides protection against accidental contact with live parts in the incoming and outgoing supply circuit terminations of the Circuit-Breaker or switch
- **NZM3-XKA2** Maximum allowed rated current: 400 A