

**P10(4)-...
NZM 10(4)-...N/B
NZM 10(4)-...(N)(S)(H) /ZM (M, V)-...
(-NA)**

K300-NZM 10
K2x120-NZM 10
K2x240-NZM 10
RG-NZM 10
K2x240W-NZM 10
K2x240 IP-NZM 10



Lebensgefahr durch elektrischen Strom!

Nur Elektrofachkräfte und elektrotechnisch unterwiesene Personen dürfen die im Folgenden beschriebenen Arbeiten ausführen. Beachten Sie für die Installation der Geräte die landspezifischen Vorschriften.

Electric current! Danger to life!

Only skilled or instructed persons may carry out the following operations.

The national regulations/specifications must be observed for the installation of the devices.

Tension électrique dangereuse !

Seules les personnes qualifiées et averties doivent exécuter les travaux ci-après.

Veuillez respecter les normes de mise en œuvre spécifiques aux différents pays.

Tensione elettrica: Pericolo di morte!

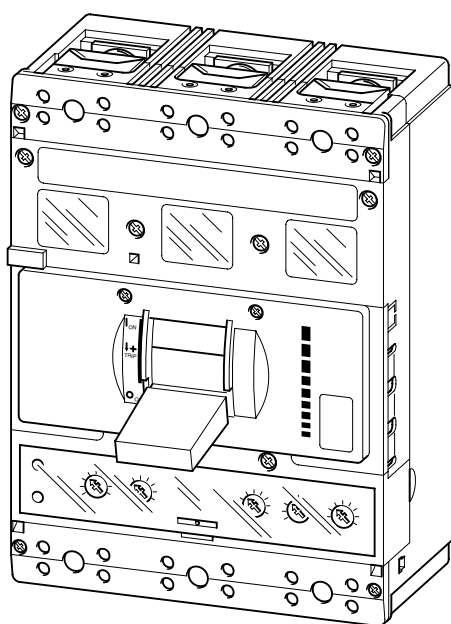
Solo persone abilitate e qualificate possono eseguire le operazioni di seguito riportate.

Per l'installazione degli apparecchi necessario rispettare le normative specifiche di ciascun paese.

Corriente eléctrica! Peligro de muerte!

El trabajo a continuación descrito debe ser realizado por personas cualificadas y advertidas.

Para la instalación de los aparatos han de tenerse en cuenta las normativas/especificaciones a nivel local.



10 mm



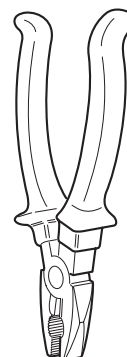
5 mm

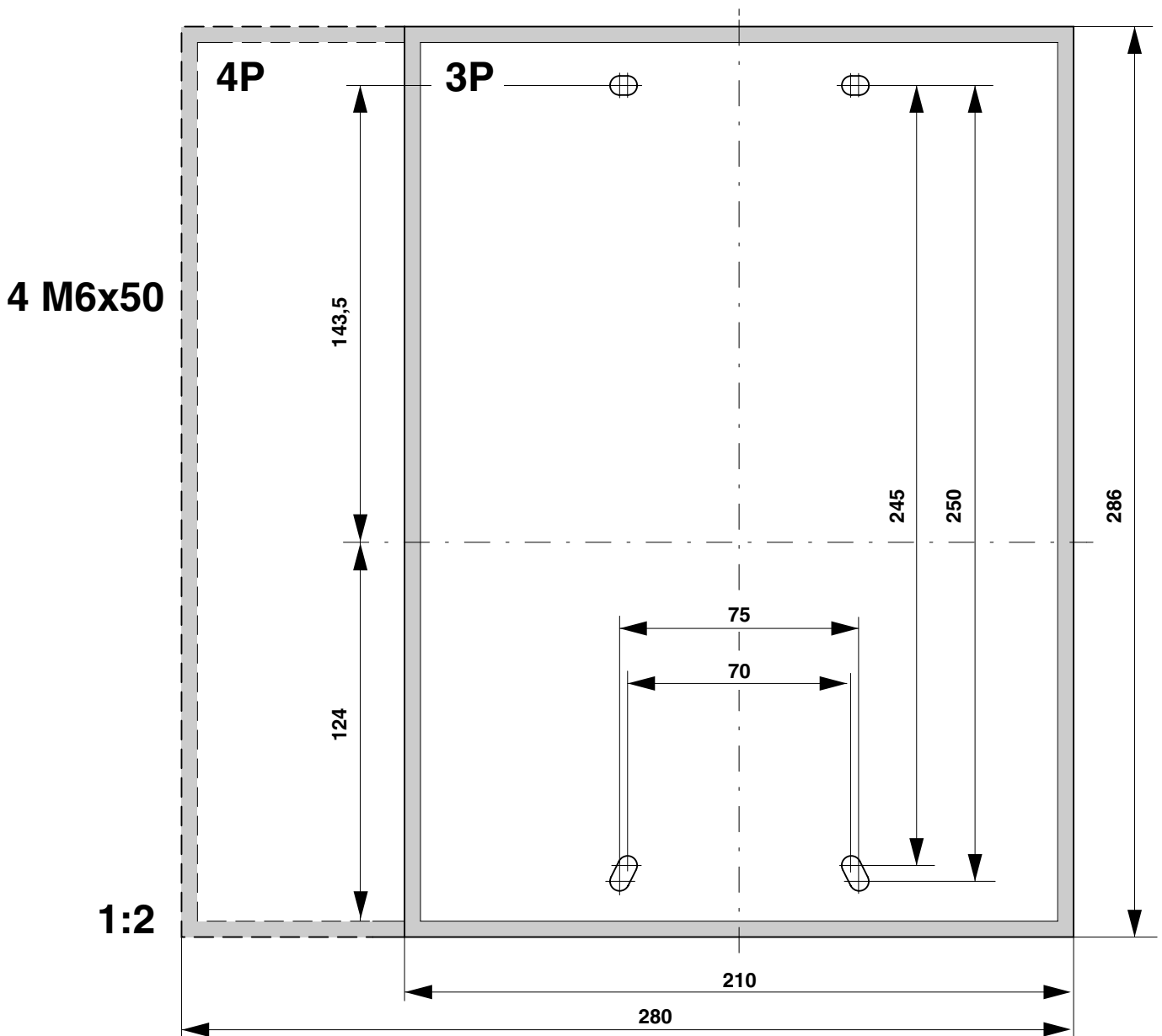
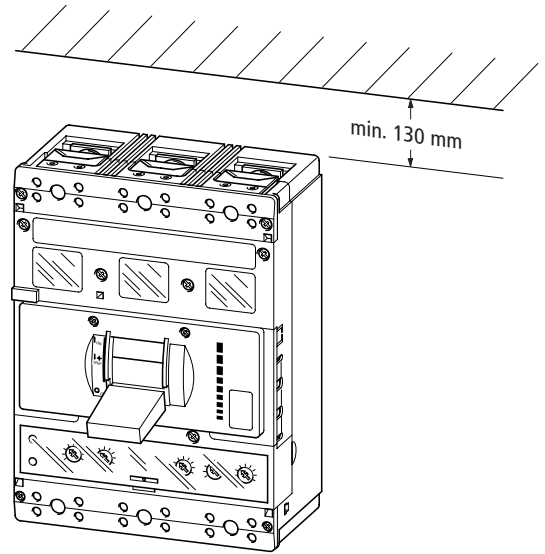
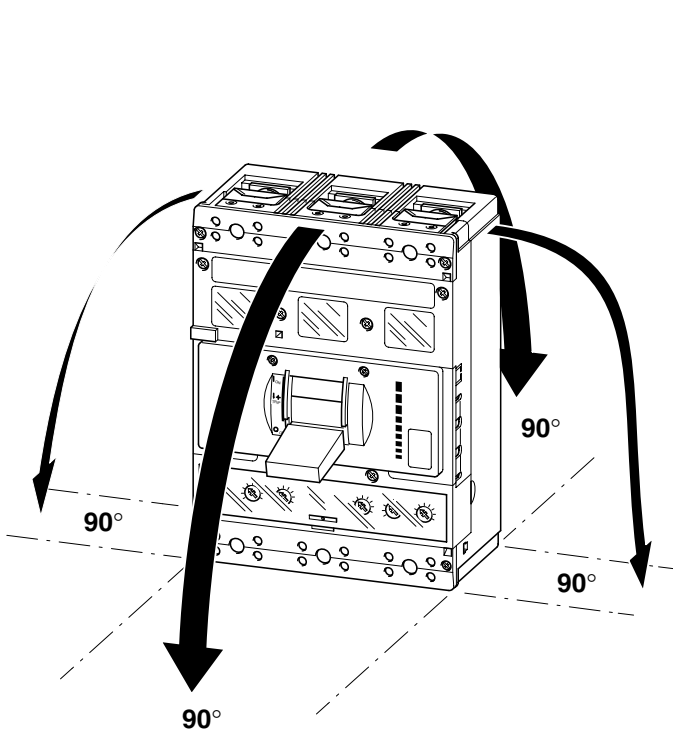


Ø 2 mm



PZD 2

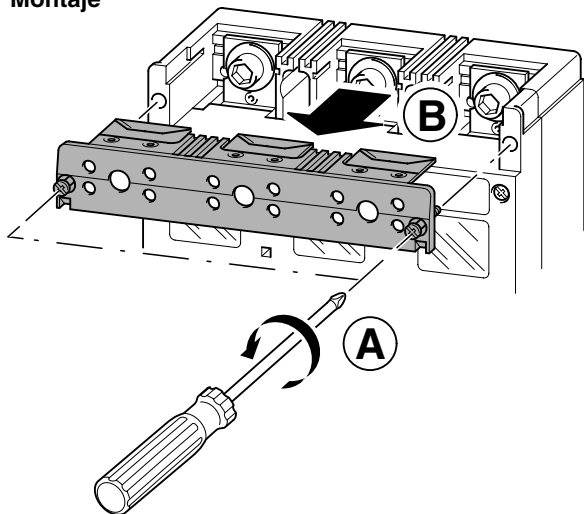




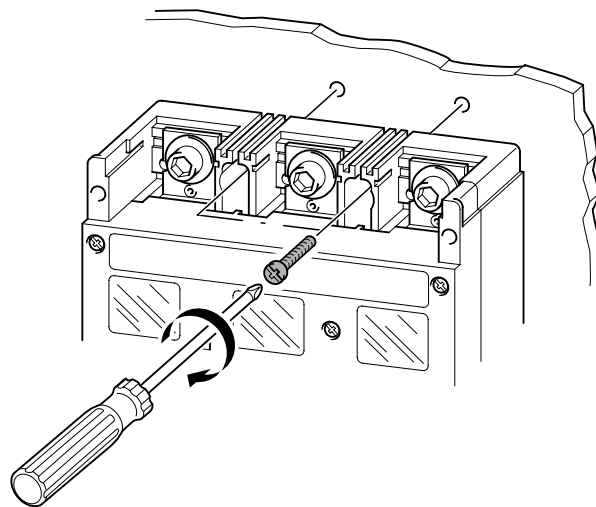
11/95 AWA123-1089

1

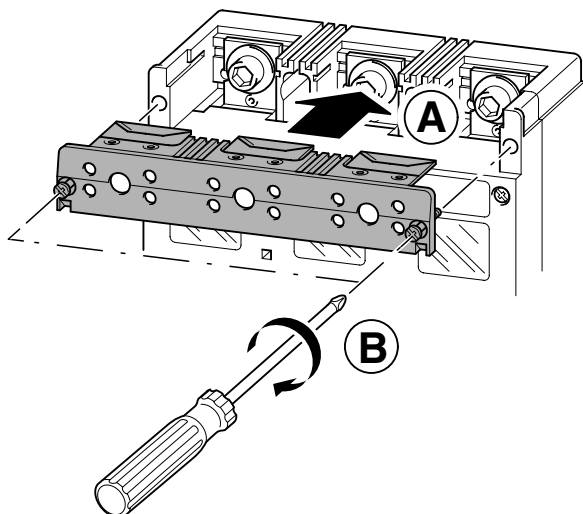
Montage
Mounting
Montage
Montaggio
Montaje



2



3



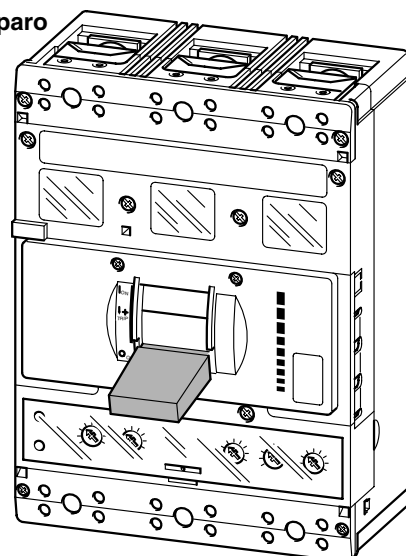
1

Auslöseblock
Trip block
Unité de déclenchement
Sganciatore
Bloque de disparo

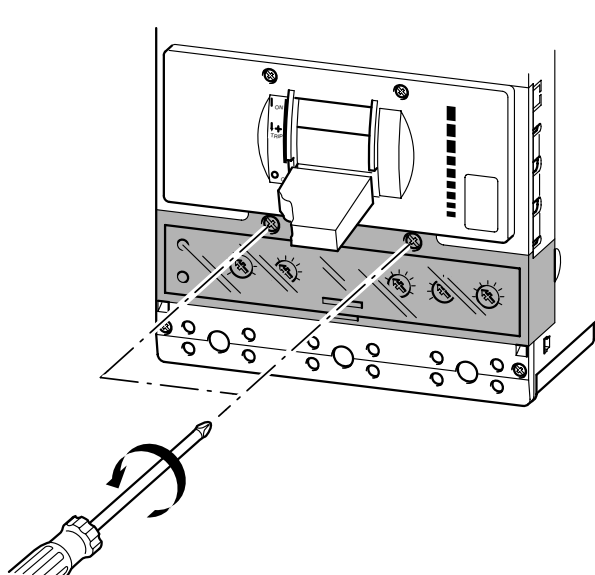
ZM (M)(V)/B



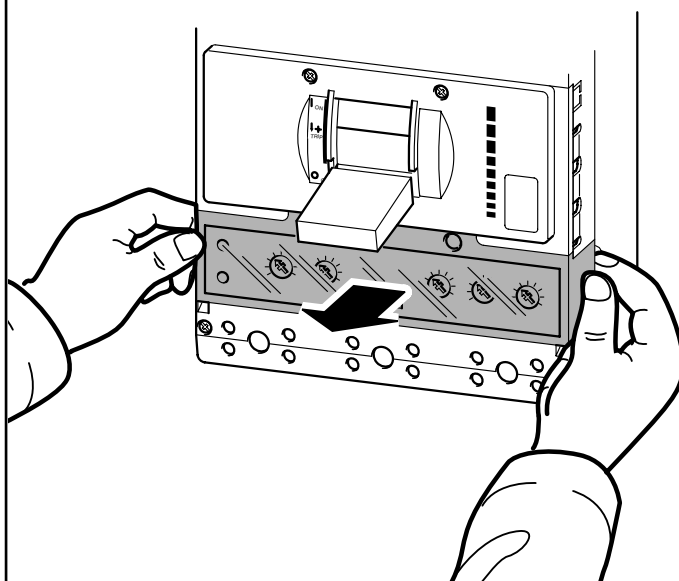
OFF



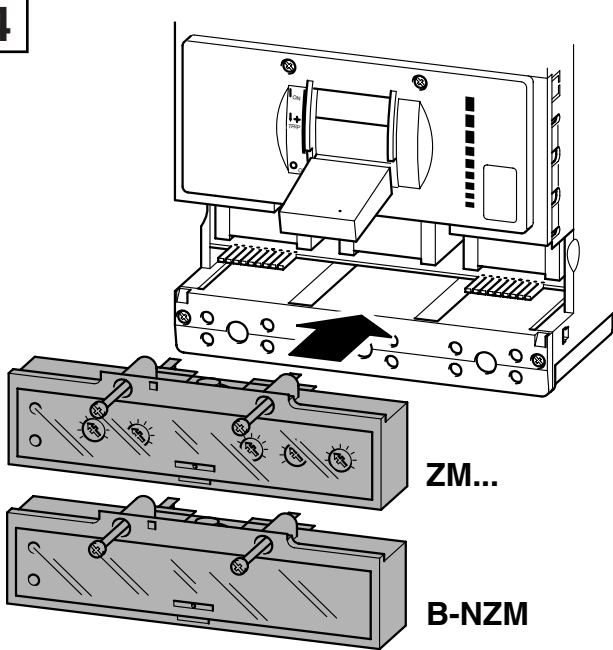
2



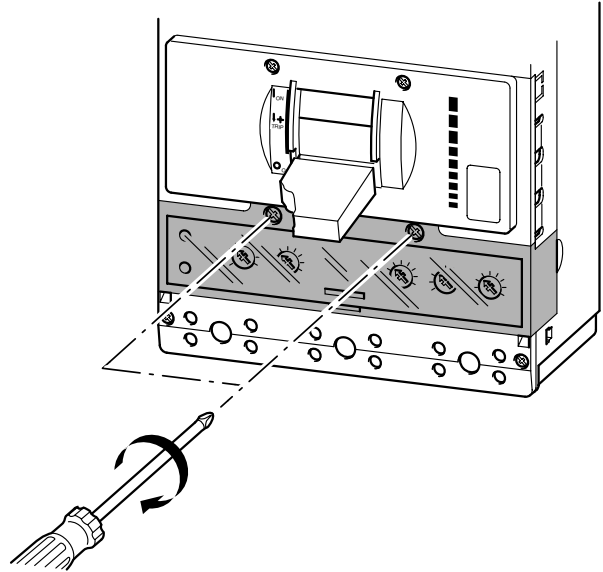
3



4



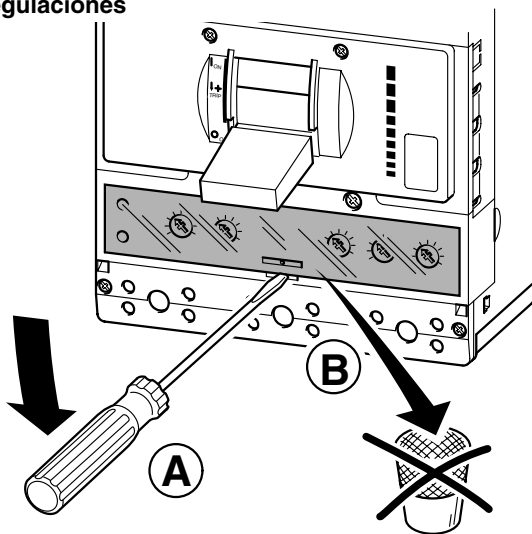
5



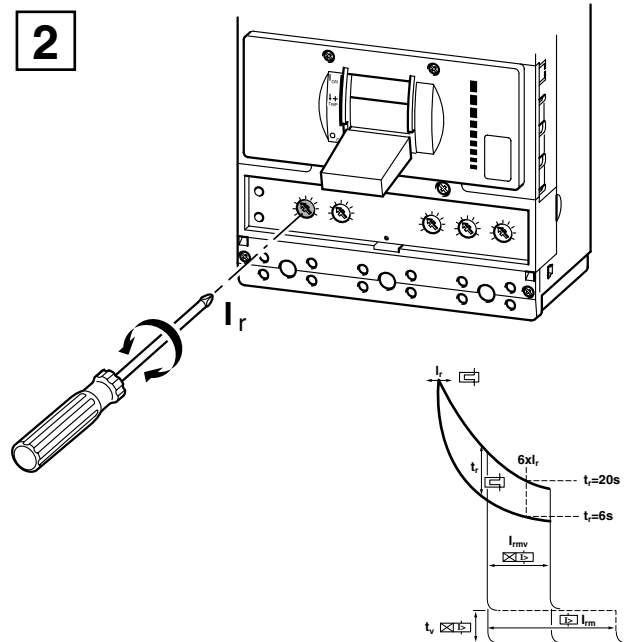
1

Einstellungen
Adjustments
Réglages
Regolazioni
Regulaciones

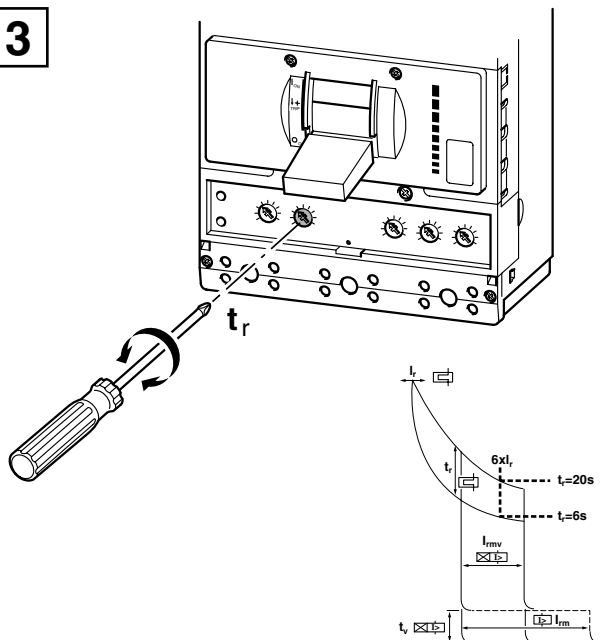
ZM (M)(V)/B



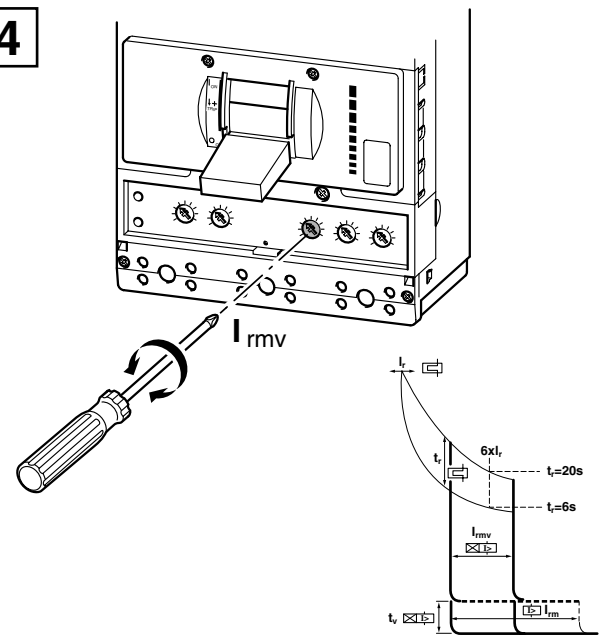
2



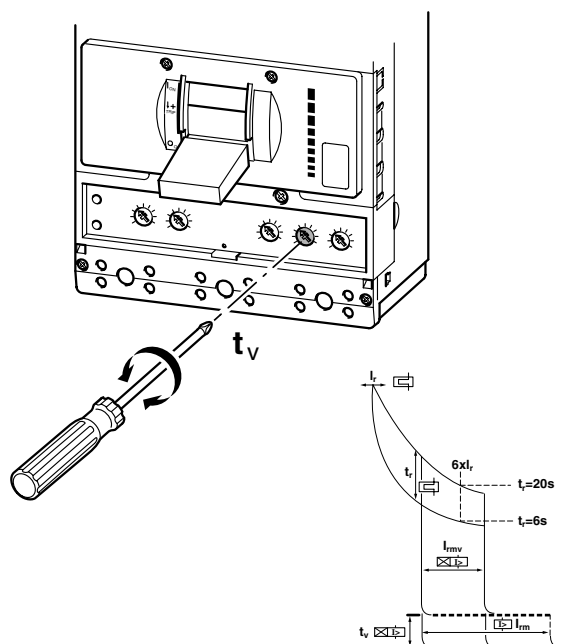
3



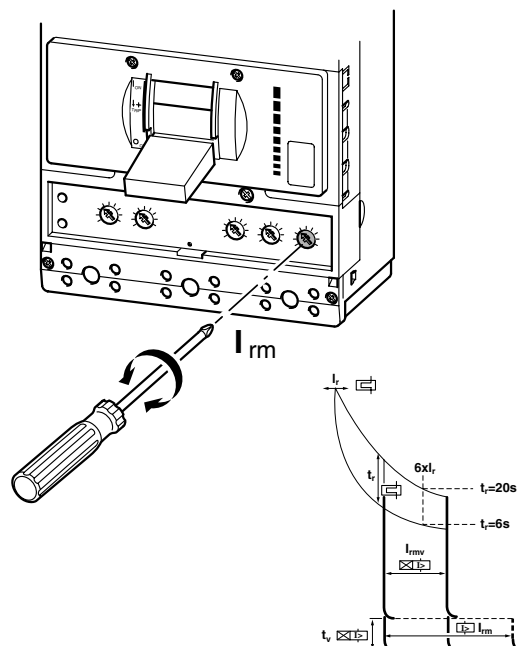
4



5



6



7

Thermisches Gedächtnis - Verbraucher- und Anlagenschutz

Nach Auflösung durch Überstrom ist der NZM 10 nach x Minuten wieder einschaltbereit.

Thermal memory - user/system protection

The NZM 10 is ready for closing x minutes after it has been tripped due to overcurrent.

Mémoire thermique - protection des récepteurs et installations

Après déclenchement sur surcharge, le NZM 10 peut être réarmé au bout de x minutes.

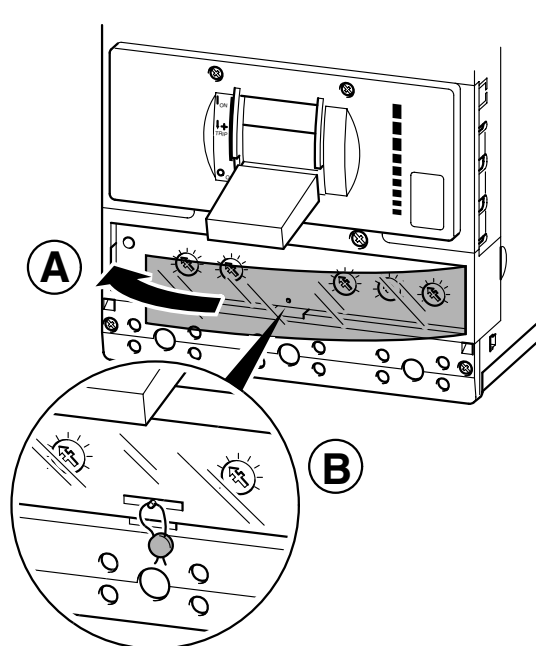
Memoria termica - protezione utilizzatori ed impianti

A seguito di sgancio dovuto a sovracorrenti, l'NZM 10 può essere reinserito dopo x minuti.

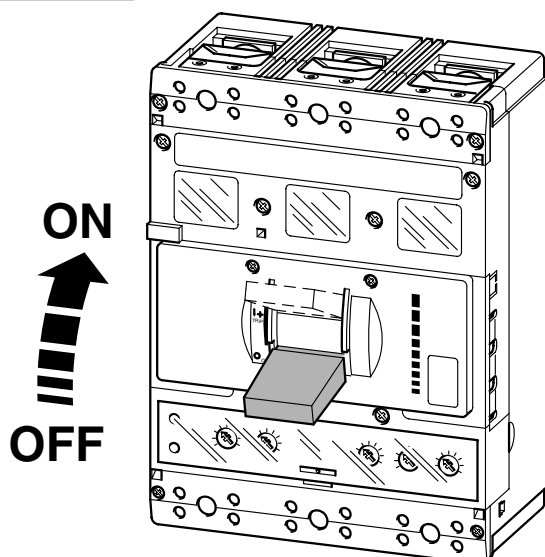
Memoria térmica - protección del usuario y del sistema

El NZM 10 está preparado para cerrar x minutos después de haberse disparado por sobreintensidad.

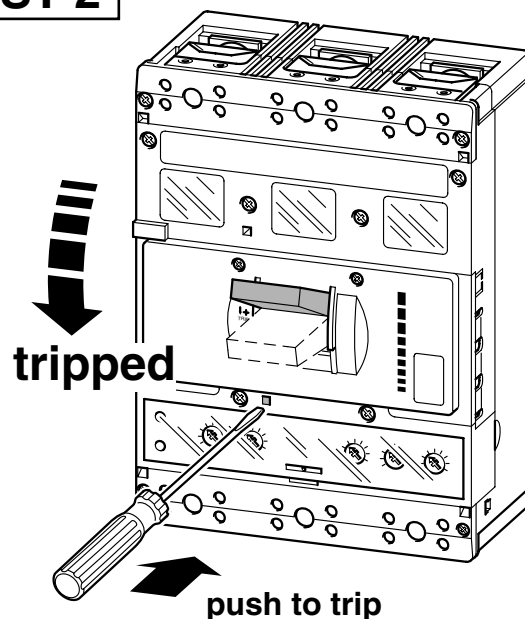
8



TEST 1

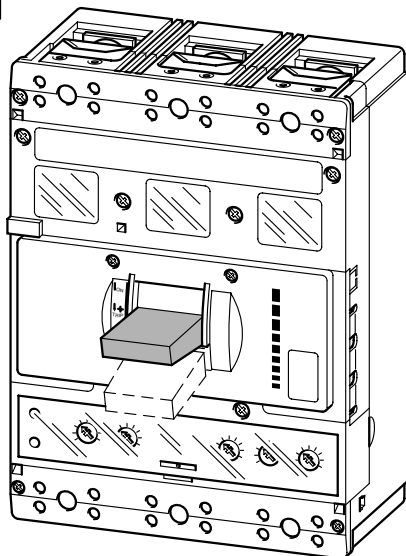


TEST 2

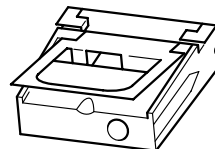


TEST 3

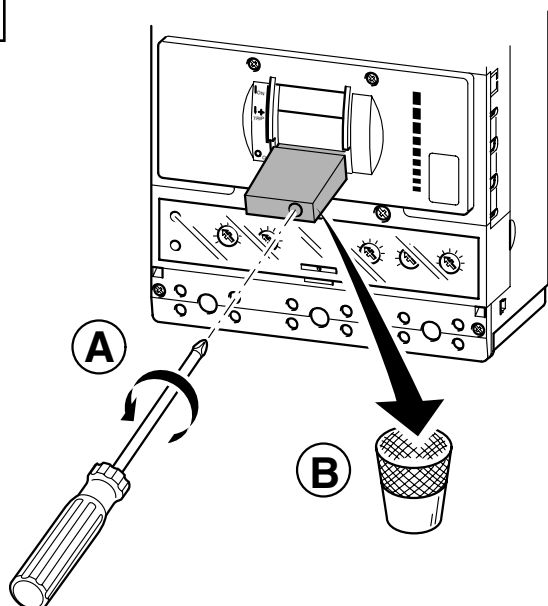
OFF



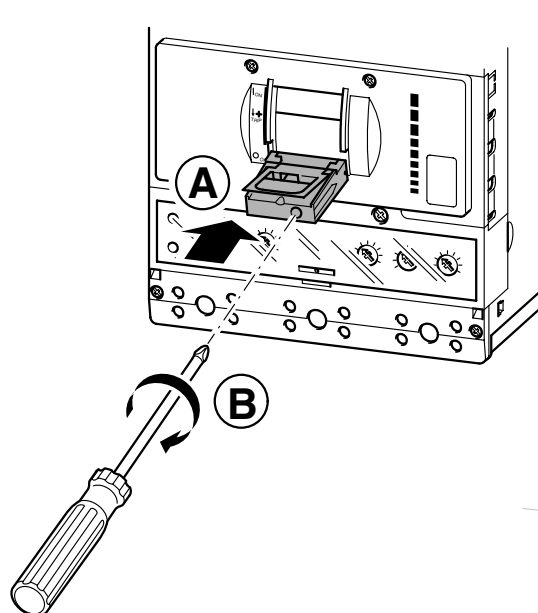
SVB-NZM 10



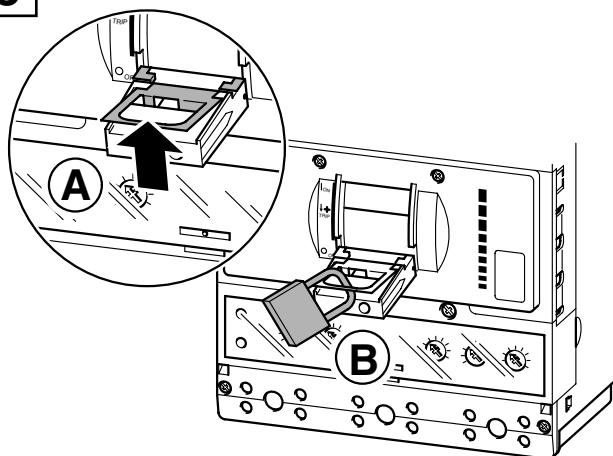
1



2

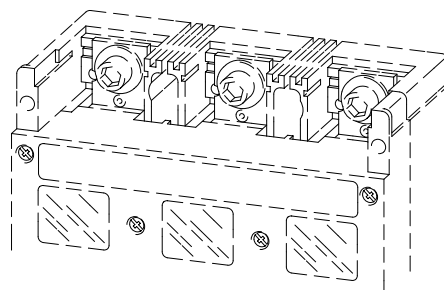
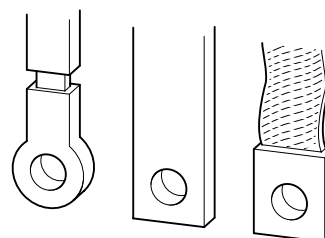


3



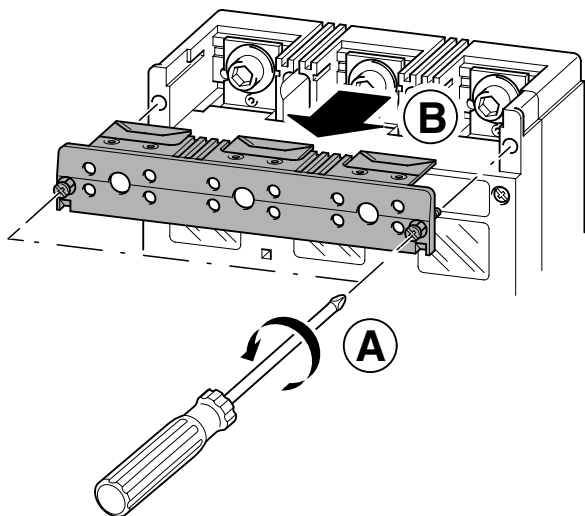
Ø 6...8 mm
max. 3x

Anschlüsse
Connections
Connexions
Collegamenti
Conexiones

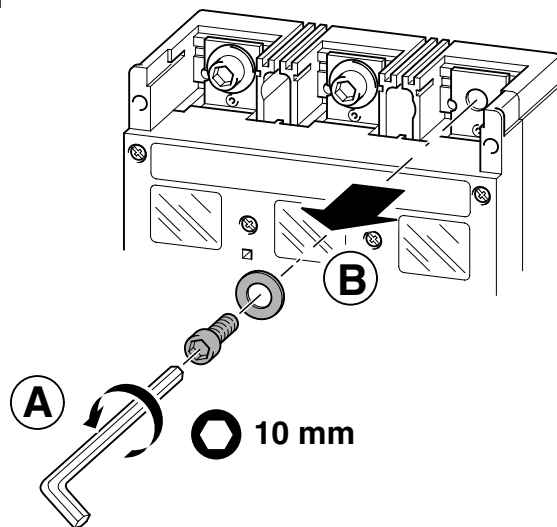


11/95 AWA123-1089

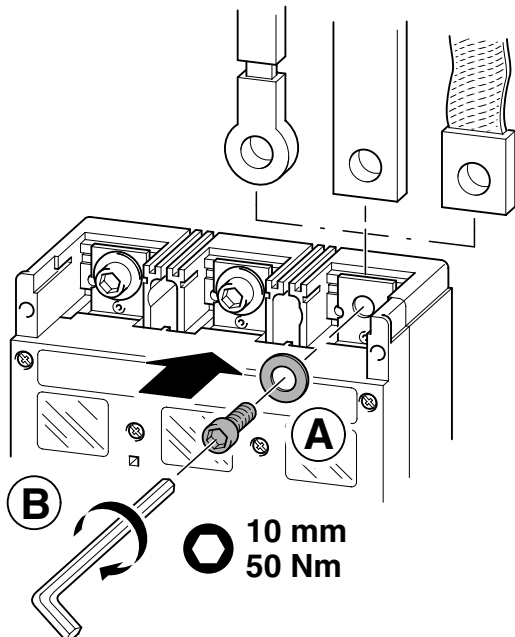
1



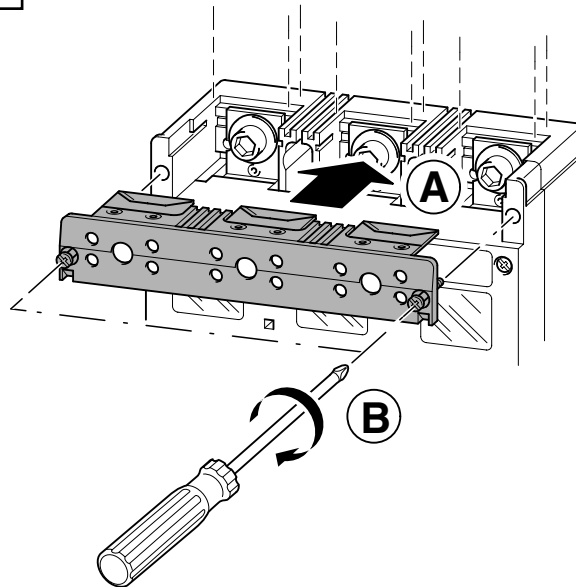
2



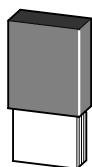
3



4

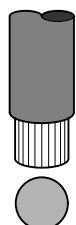


11/95 AWA123-1089



K22 x 21

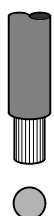
10x16x0,8
11x21x1,0
2(11x21x1,0)



K300



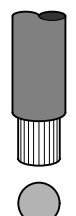
S: 1x 120-300 mm²



K2 x 120



1x 70-120 mm²
S: 2x 70-120 mm²

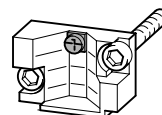


K2 x 240



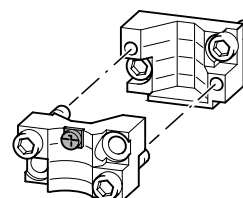
1x 50-240 mm²
S: 2x 50-240 mm²

K22 x 21

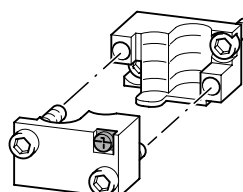


Steuerleitungen
Control cables
Câbles de commande
Cavi comandi
Cables de control

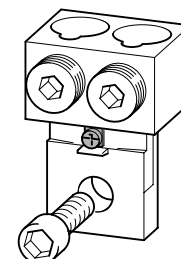
K300



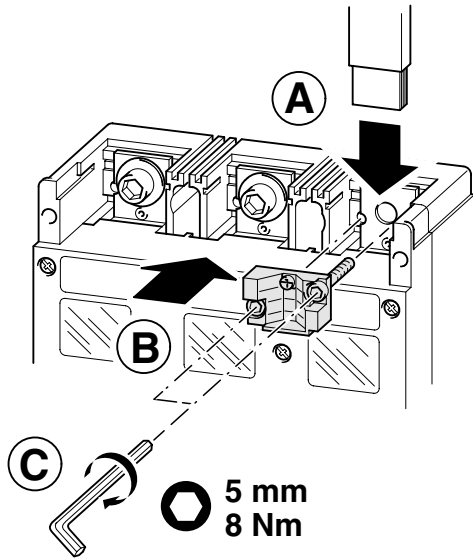
K2 x 120



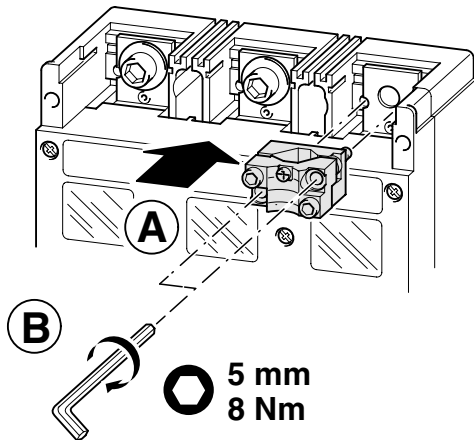
K2 x 240



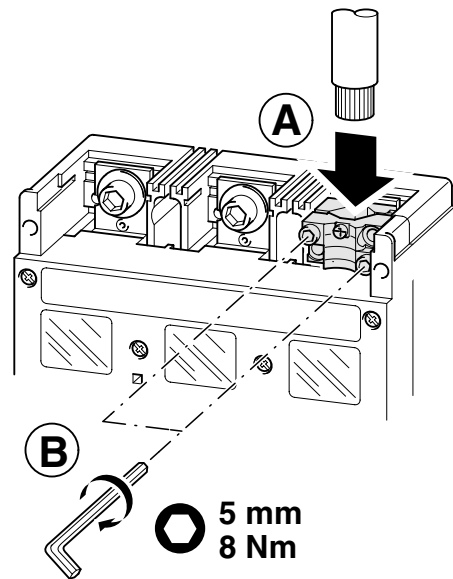
1 K22x21-NZM10



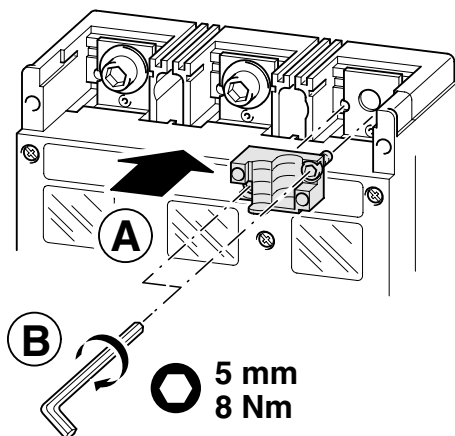
1 K300-NZM10



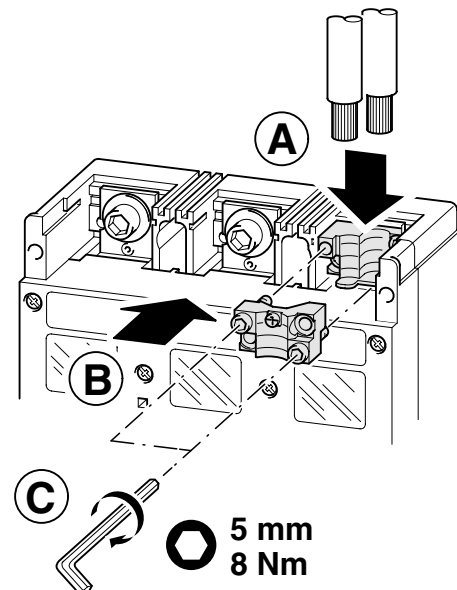
2



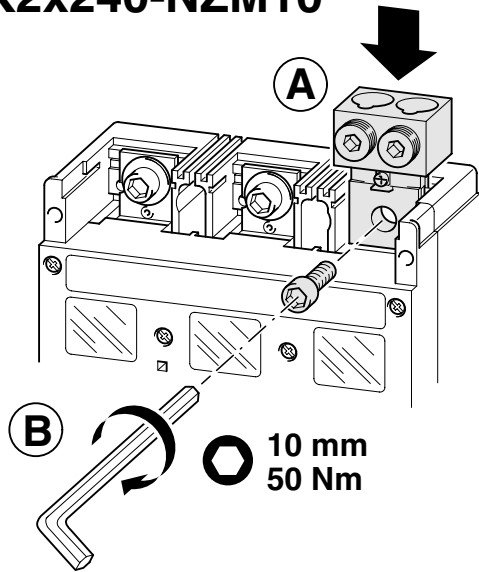
1 K2x120-NZM10



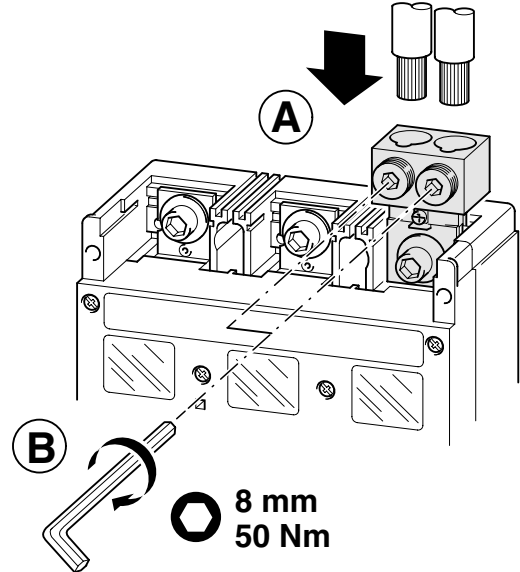
2



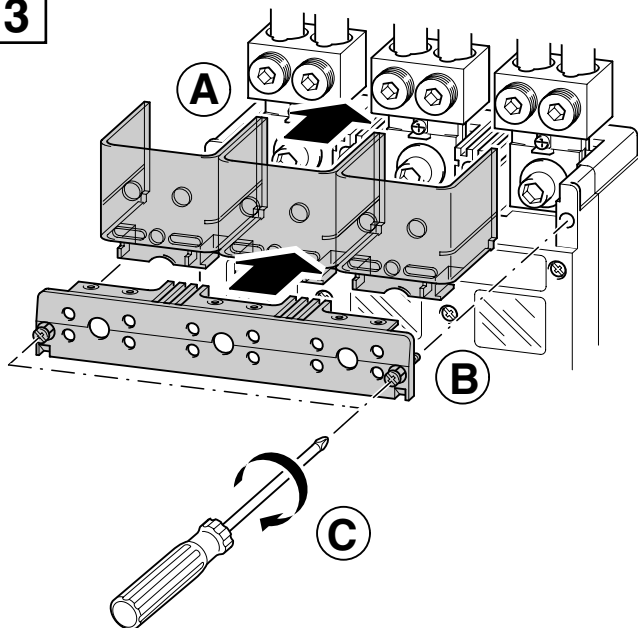
1 K2x240-NZM10



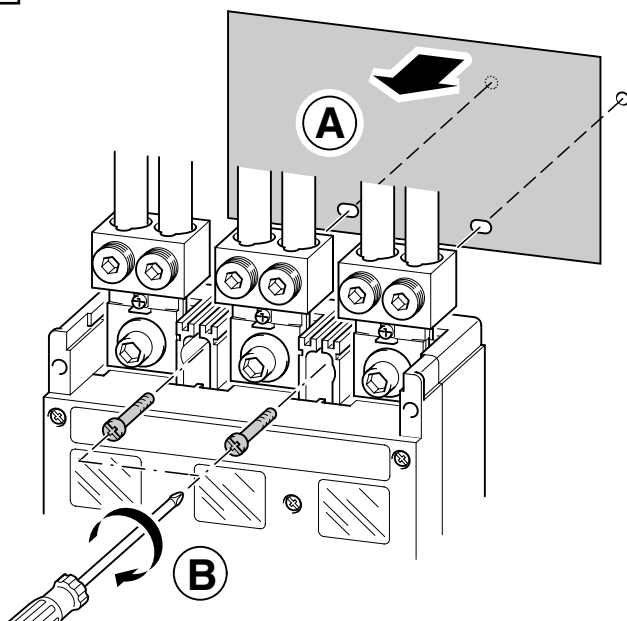
2



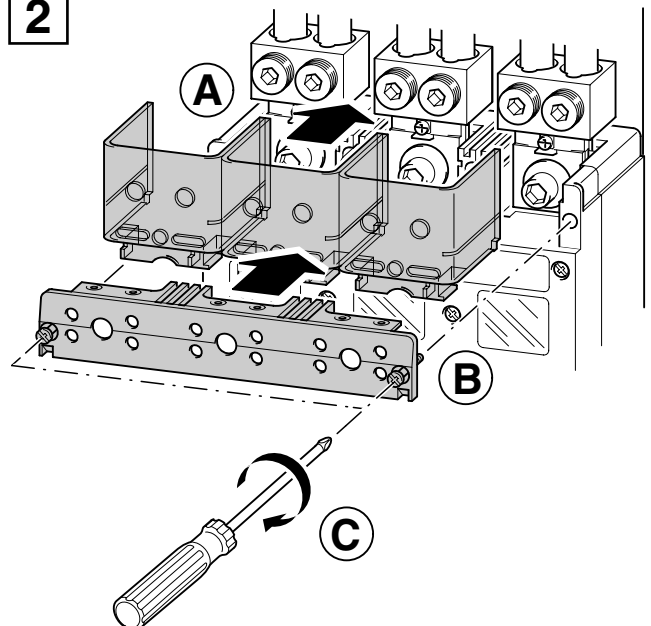
3



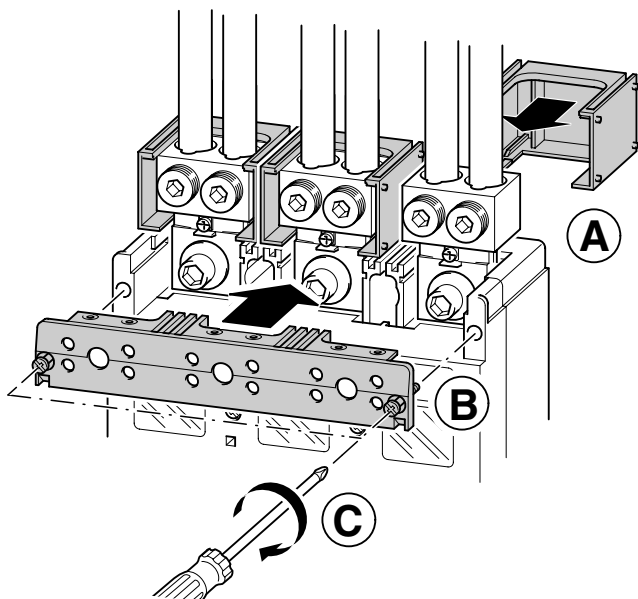
1 K2x240IP-NZM10



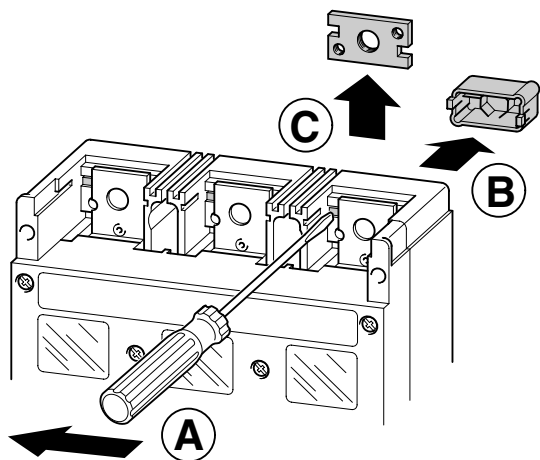
2



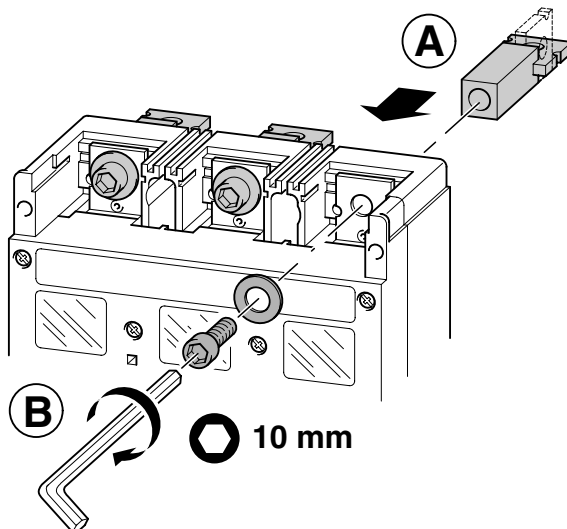
1 K2x240W-NZM10



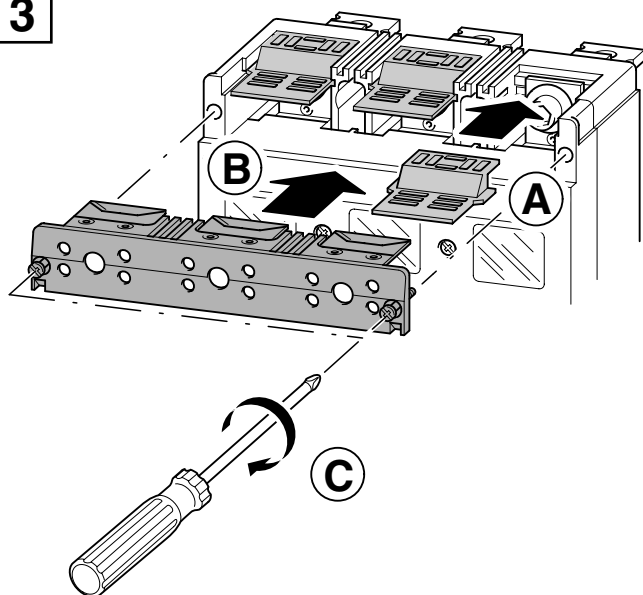
1 RG-NZM10



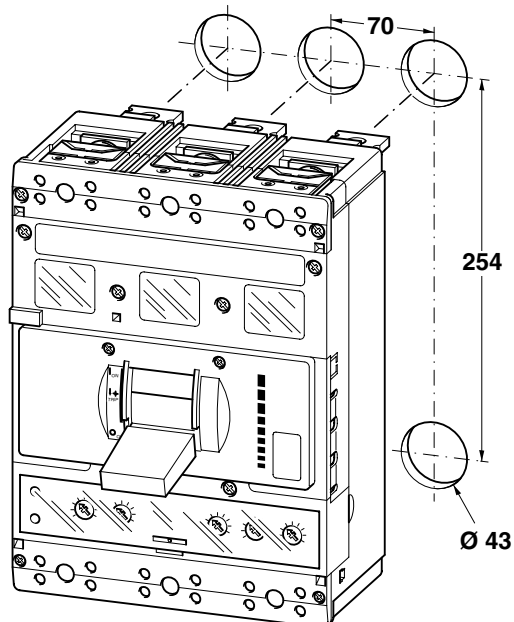
2



3



4



Current Limiting Data according to UL 489

Circuit Breaker		Threshold Current			Intermediate Current			High Interrupting Capacity			Frequency
Type	Max. Frame Size A	RMS SYM kA	MAXIMUM		RMS SYM kA	MAXIMUM		RMS SYM kA	MAXIMUM		60 Hz Voltage (V)
			Peak kA	I ² dt 10 ³ A ² s		Peak kA	I ² dt 10 ³ A ² s		Peak kA	I ² dt 10 ³ A ² s	
NZM10H	600	39	34.0	2800	125	50.0	3500	200	55.0	4000	240
		39	42.0	5500	65	52.0	6600	100	61.0	8000	480
		39	40.0	5500	42	45.0	7200	50	48.0	8000	600

Instructions for Field Wiring Terminal Kit System for NZM 10 (C)NA and NZM 10 N/B-NA

Circuit Breaker	Wire Size		Max. A-Rating	Tightening Torque
Bolt-on Terminal Cover (3) 2Z1213-651.28 L1; L2; L3			600 A	50 Nm
K2x240W-NZM 10 K2x240IP-NZM 10 Terminal Cover (3) 2Z123-651.28 Insulating Plate (1) 4Z 123-651.1003	2xAWG2-2x500MCM	Cu + Al	600 A	50 Nm
Auxiliary Terminal	AWG 18-14			1,2 Nm
K2x120-NZM 10	2xAWG3/0-2x250MCM	Cu only	500 A	8 Nm
Auxiliary Terminal	AWG 18-14			1,2 Nm
K300-NZM 10	250MCM-500MCM	Cu only	350 A	8 Nm
Auxiliary Terminal	AWG 18-14			1,2 Nm

11/95 AWA123-1089