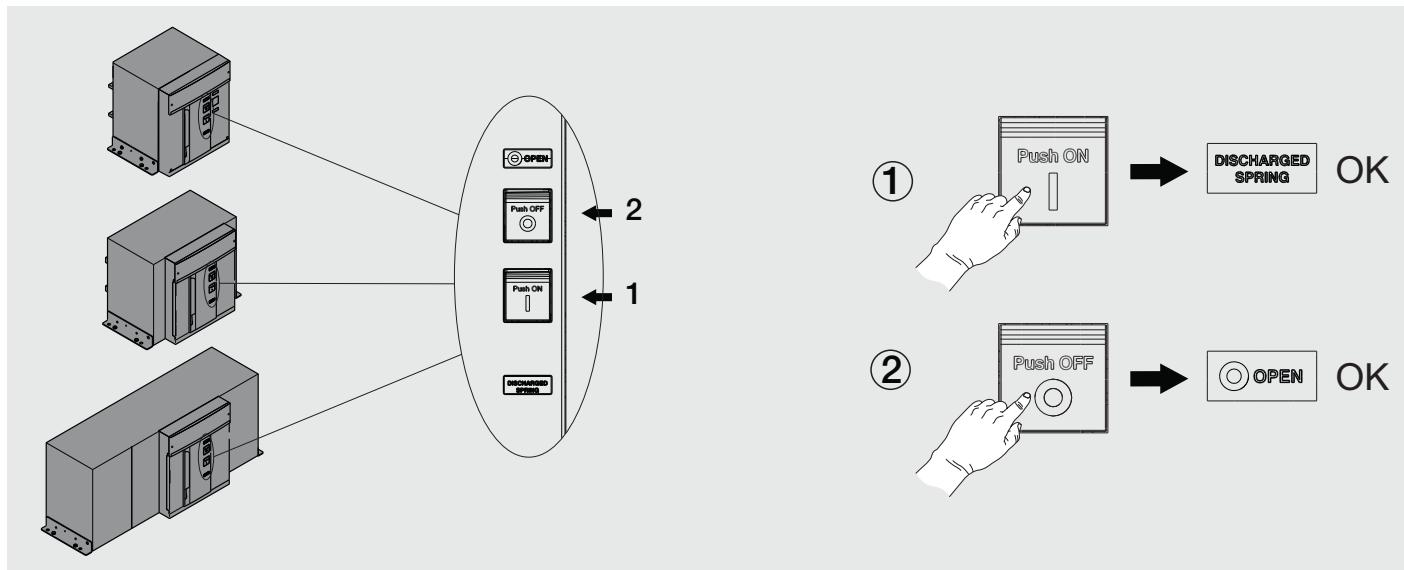


SACE Emax 2

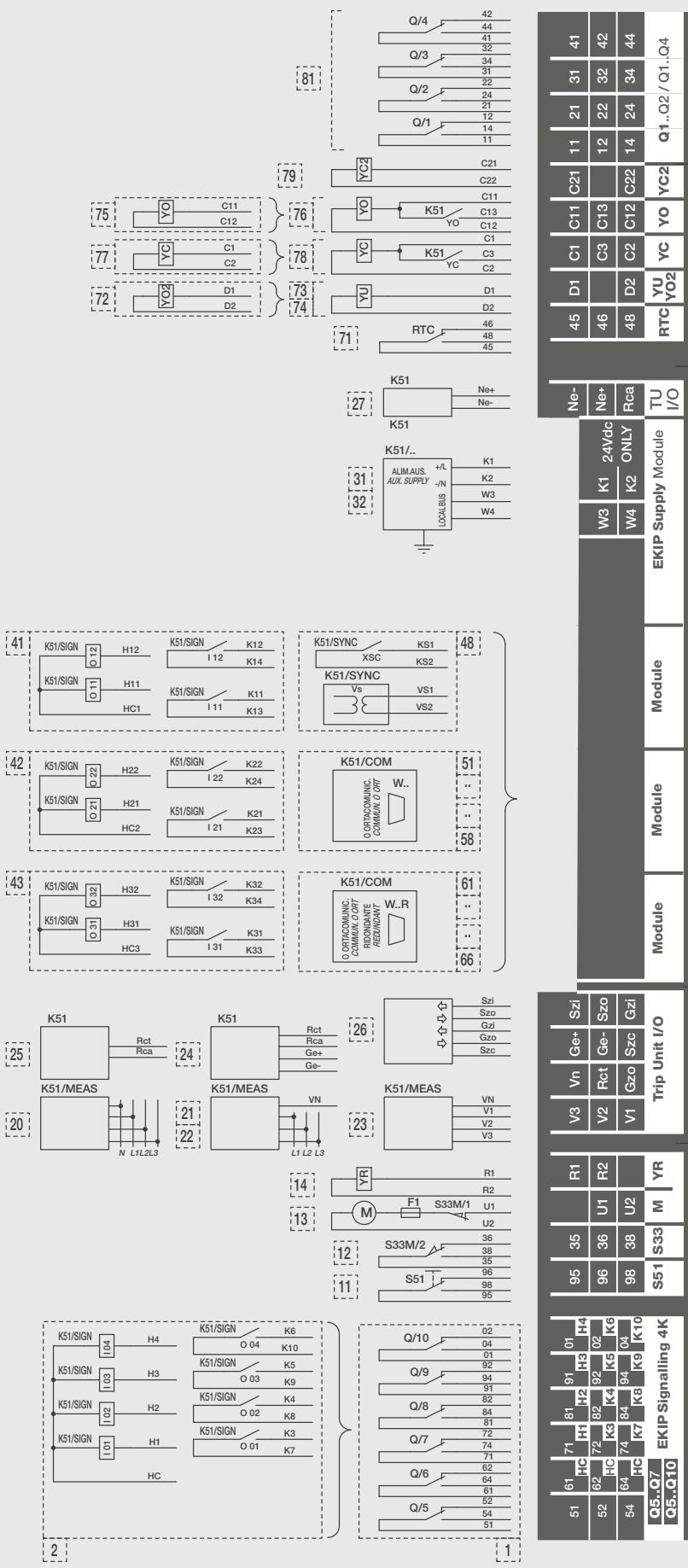
Parte fissa di interruttore estraibile - E2.2; E4.2; E6.2 - ReliaGear LV SG
 Fixed part of withdrawable circuit-breaker - E2.2; E4.2; E6.2 - ReliaGear LV SG
 Unterteil des ausfahrbaren Leistungsschalters - E2.2; E4.2; E6.2 - ReliaGear LV SG
 Partie fixe de disjoncteur débrochable sur chariot - E2.2; E4.2; E6.2 - ReliaGear LV SG
 Parte fija de interruptor extraíble - E2.2; E4.2; E6.2 - ReliaGear LV SG

E2.2-E4.2-E6.2



		<table border="1"> <thead> <tr> <th></th> <th>E2.2</th> <th>E4.2</th> <th>E6.2</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>1</td> <td>-</td> </tr> <tr> <td>C</td> <td> M6x20</td> <td>3</td> <td>3</td> </tr> <tr> <td>D</td> <td> Ø 6.4 Ø 10</td> <td>3</td> <td>3</td> </tr> </tbody> </table>		E2.2	E4.2	E6.2	A	1	-	-	B	-	1	-	C	M6x20	3	3	D	Ø 6.4 Ø 10	3	3	<table border="1"> <thead> <tr> <th></th> <th>E2.2</th> <th>E4.2</th> <th>E6.2</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>1</td> <td>-</td> </tr> <tr> <td>C</td> <td> M6x20</td> <td>3</td> <td>3</td> </tr> <tr> <td>D</td> <td> Ø 6.4 Ø 10</td> <td>3</td> <td>3</td> </tr> </tbody> </table>		E2.2	E4.2	E6.2	A	1	-	-	B	-	1	-	C	M6x20	3	3	D	Ø 6.4 Ø 10	3	3
	E2.2	E4.2	E6.2																																								
A	1	-	-																																								
B	-	1	-																																								
C	M6x20	3	3																																								
D	Ø 6.4 Ø 10	3	3																																								
	E2.2	E4.2	E6.2																																								
A	1	-	-																																								
B	-	1	-																																								
C	M6x20	3	3																																								
D	Ø 6.4 Ø 10	3	3																																								

Figure number of the diagram



Open/closed auxiliary contacts
of the circuit-breaker (first set)

Second closing coil

First opening coil

First closing coil

Second opening coil

Under-voltage coil

Input of current sensor on the external neutral

Auxiliary power supply and local bus

Signalling modules

and/or Ekip synchro check

and/or Communication modules

and/or redundant communication modules

Zone selectivity

Input of the TRAFO star centre sensor

Input of the residual-current protection
RC sensor

Ekip Measuring voltage sockets

Trip reset coil YR

Closing springs loading motor

Springs loaded position signalling contact

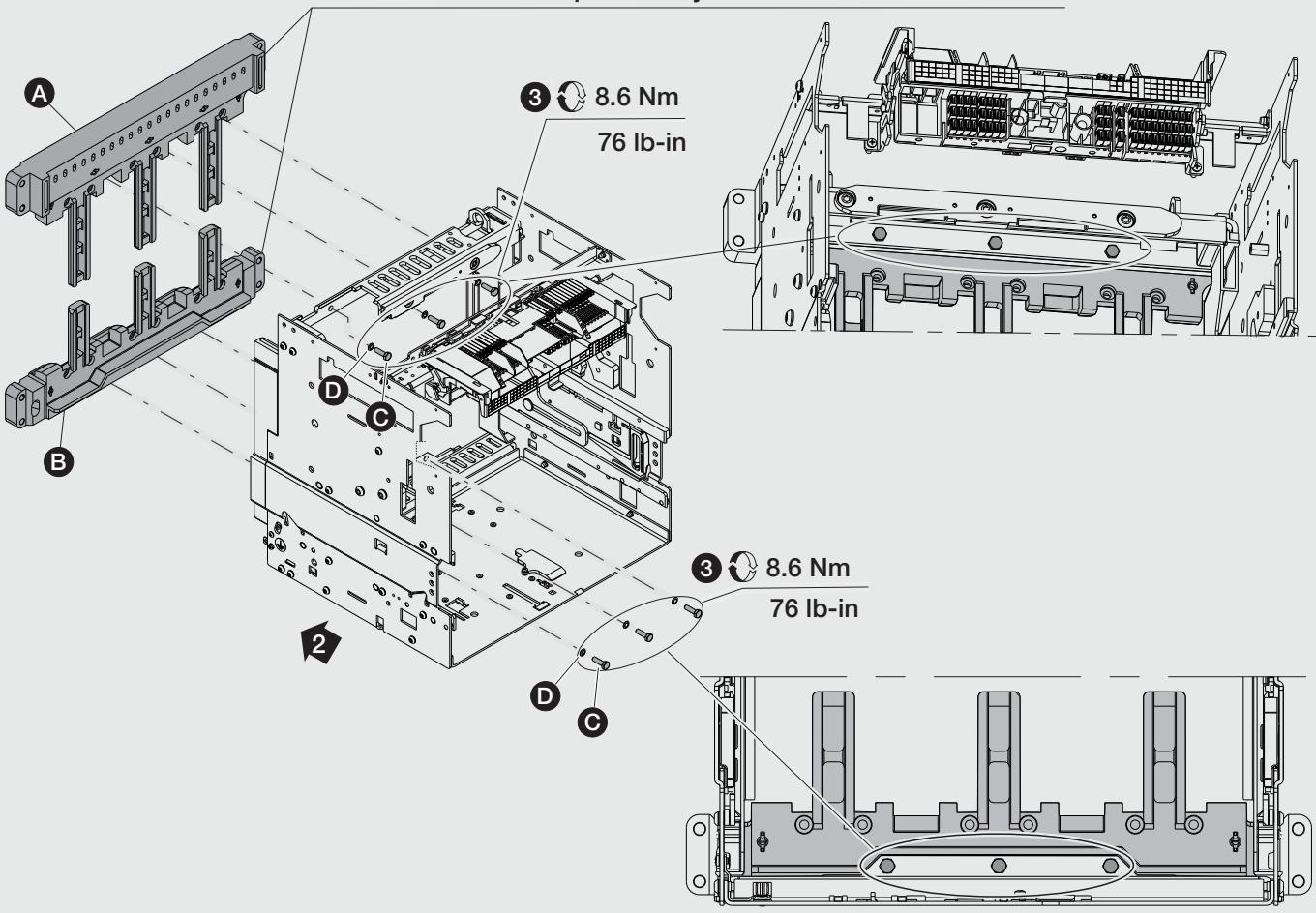
Trip signalling contact

Ekip signalling 4K

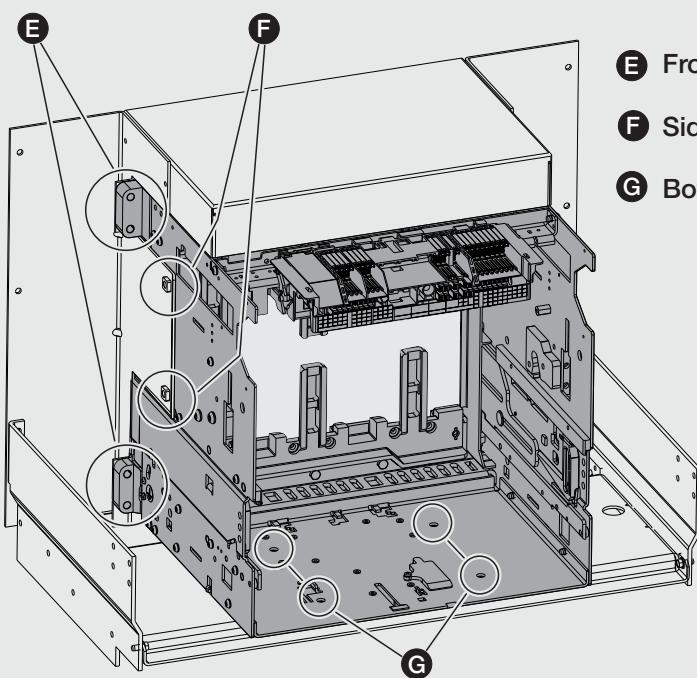
Additional auxiliary contacts of the circuit-breaker (second set)

- Montare i componenti A e B nel quadro
- Assemble components A and B in the switchboard
- Montieren Sie die Komponenten A und B in der Schaltanlage
- Assembler les composants A et B dans le tableau
- Ensamble los componentes y en el cuadro

1



FIXING SCREWS (NOT SUPPLIED)

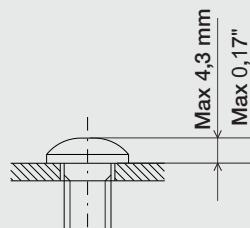


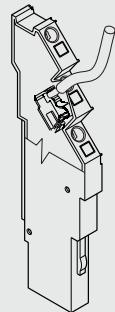
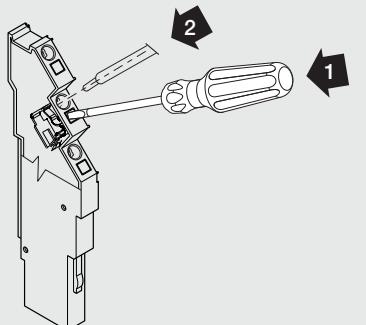
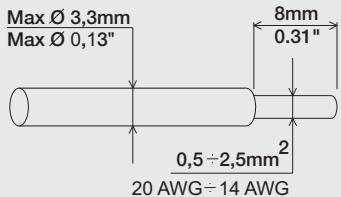
E Front fixing: 4 left and 4 right (insert from front)

F Side fixing: 2 left and 2 right (insert from internal side)

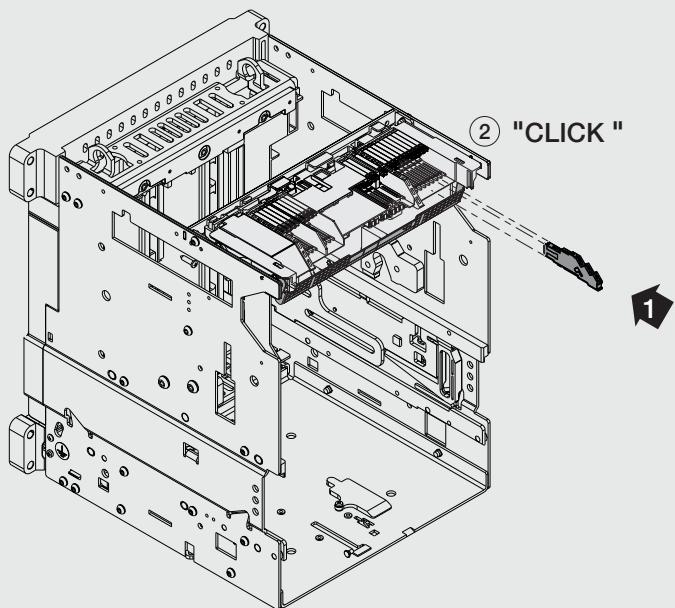
G Bottom fixing: 4 (insert from top to bottom)

Mandatory dimension for screws **G**





Esempio di cablaggio per parte fissa
Wiring example for fixed part
Verdrahtungsbeispiel für Unterteil
Exemple de câblage pour partie fixe
Ejemplo de cableado para parte fija



ATTENZIONE! Le operazioni a seguire sono da effettuare dopo l'installazione della parte fissa in ReliaGear LV SG.

WARNING! Following actions to be performed after fixed part installation in ReliaGear LV SG.



ACHTUNG! Folgende Aktionen müssen nach der Installation des festen Teils in ReliaGear LV SG ausgeführt werden.

ATTENTION! Les opérations suivantes doivent être effectuées après l'installation de la partie fixe dans ReliaGear LV SG.

¡ATENCIÓN! Las siguientes operaciones deben realizarse después de la instalación de la parte fija en ReliaGear LV SG.



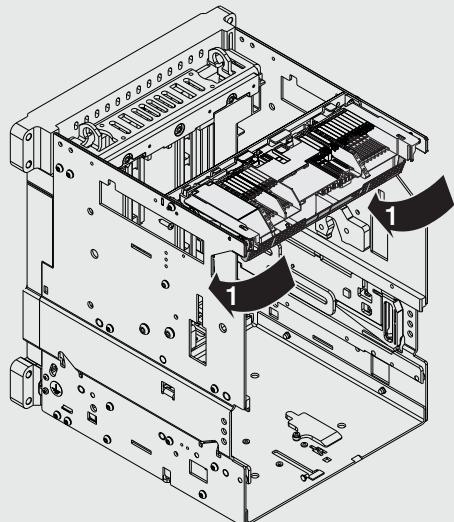
ATTENZIONE! Ruotare la targhetta di 90° prima di inserire la parte mobile.

WARNING! Rotate the label by 90° before inserting the mobile part.

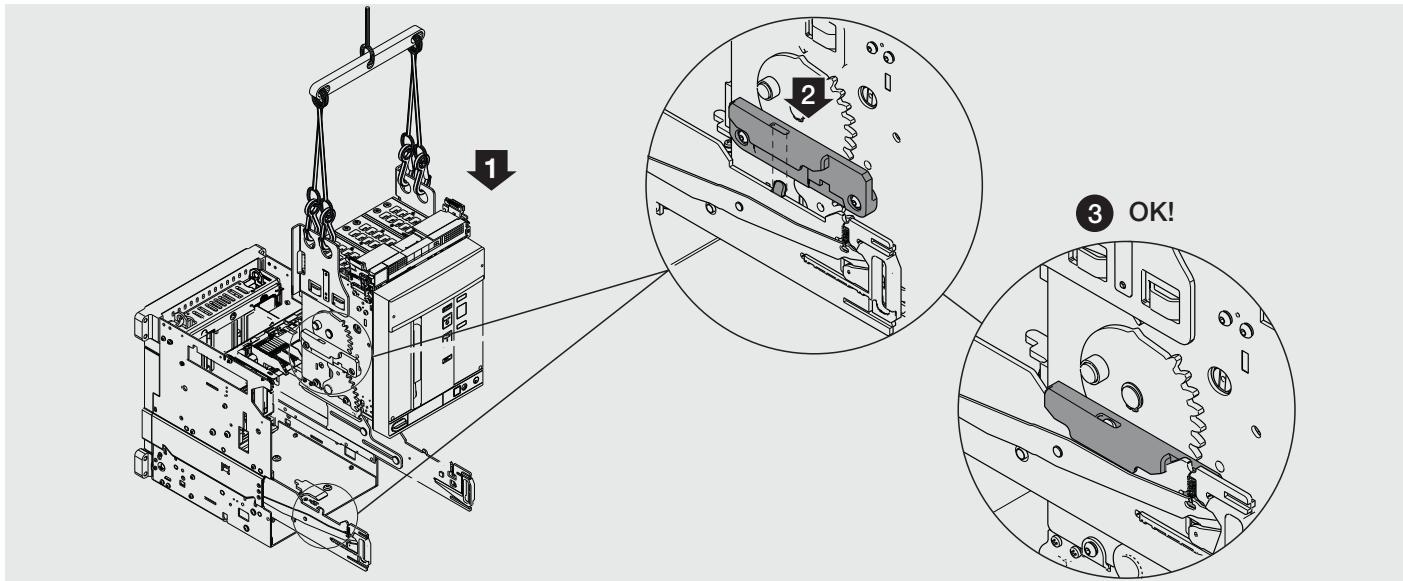
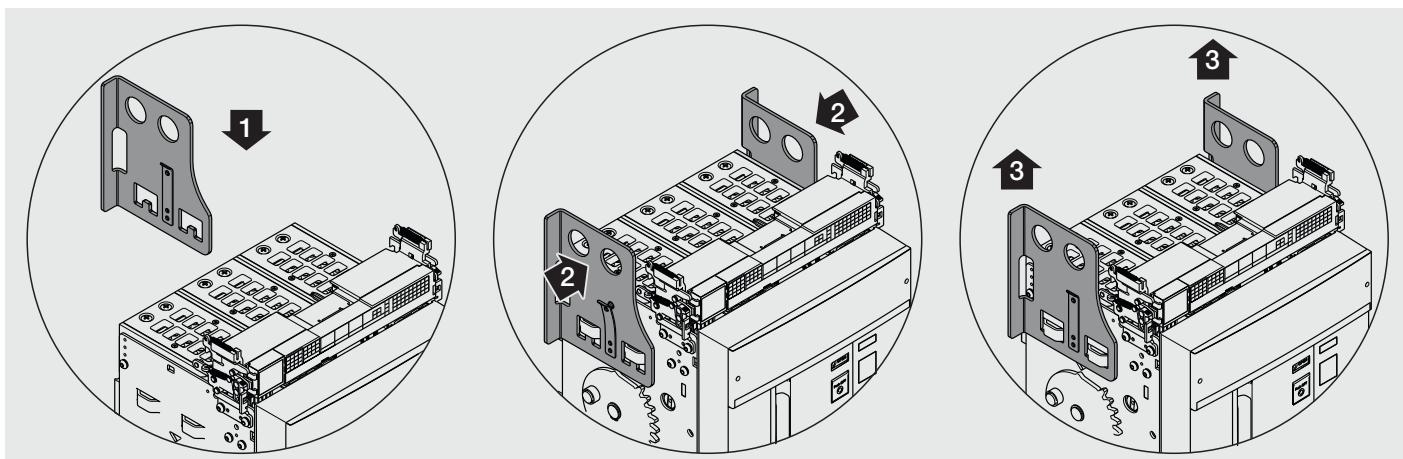
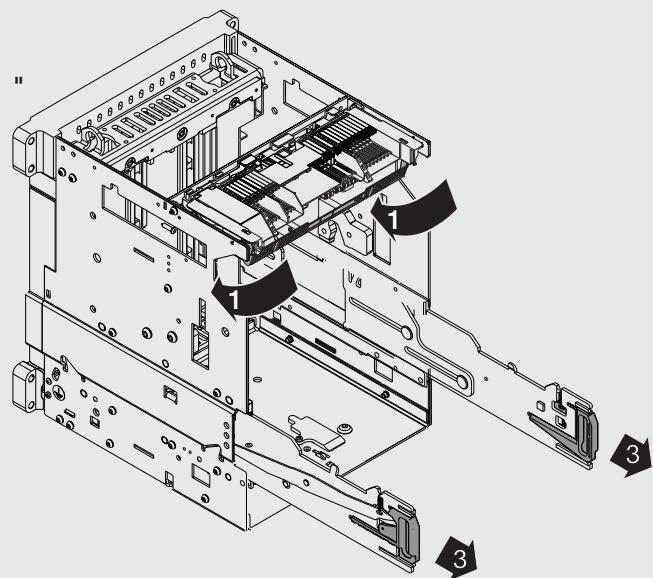
ACHTUNG! Vor dem Einsetzen des beweglichen Teils um 90 ° drehen Sie das Etikett.

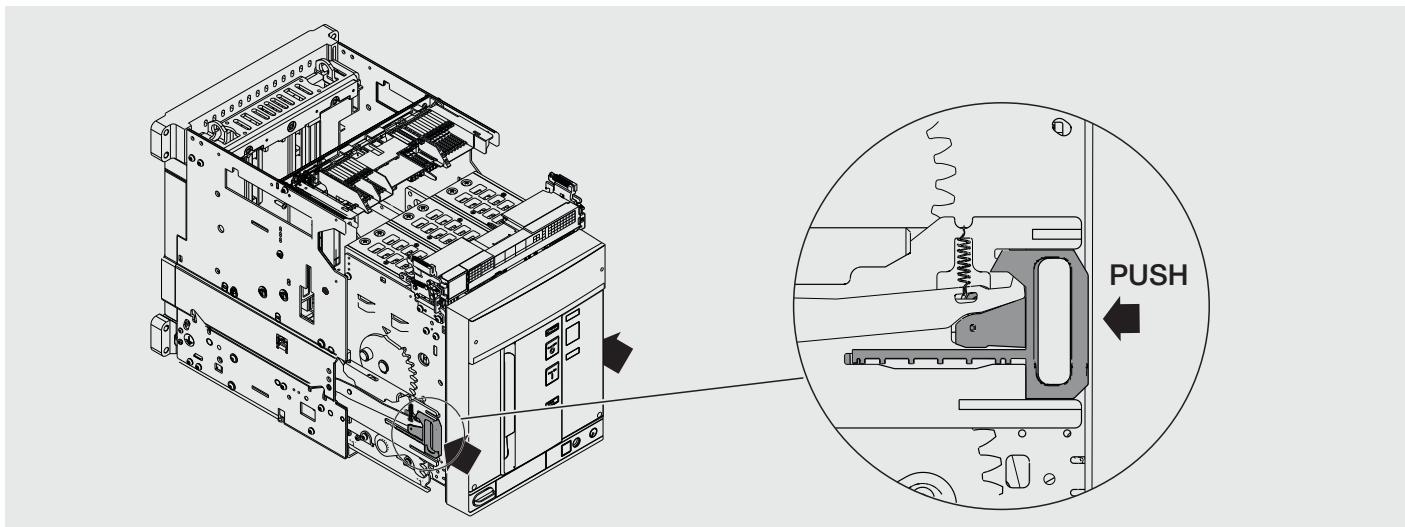
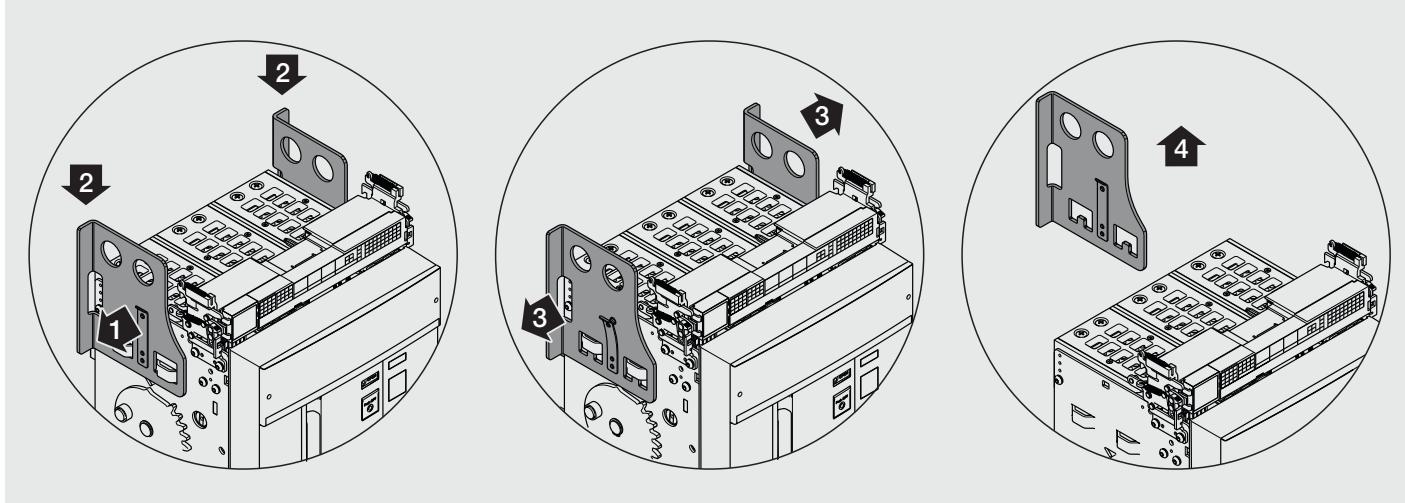
ATTENTION! Tourner la plaque de 90° avant d'insérer la partie mobile.

¡ATENCIÓN! Girar la placa 90° antes de insertar la parte móvil.



② "CLICK "





Inserzione ed estrazione degli interruttori in esecuzione estraibile

Connection and disconnection of withdrawable-type CBs

Einschieben und herausfahren der Leistungsschalter in ausfahrbarer Ausführung

Embrochage et débroulage des disjoncteurs en version débrochable sur chariot

Insertión y extracción de los interruptores en ejecución extraible

L'interruttore si può manovrare soltanto se il pulsante

"PUSH BEFORE OPERATE" non è premuto, e cioè
soltanto quando l'interruttore è in una di queste tre posizioni.

Lo stato del CB deve essere Aperto, durante l'inserimento ed il sezionamento.

Ulteriori info in accordo al manuale.

The circuit breaker can operate only when the "PUSH
BEFORE OPERATE" button is not pressed, i.e. only
when the CB is set to one of the following three positions.

The state of the CB must be opened during insertion and disconnection.

More info according to the manual.

Das Schalten des Leistungsschalters ist nur dann möglich,
wenn die Taste "PUSH BEFORE OPERATE" nicht
gedrückt ist, d.h. wenn sich der Leistungsschalter in
einer dieser drei Stellungen befindet.

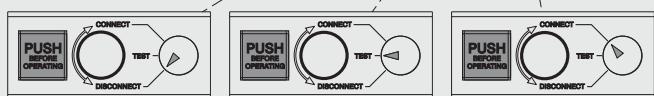
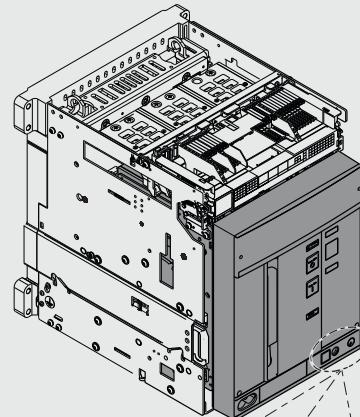
Der Zustand des CB muss beim Einführen und Schneid geöffnet werden.
Mehr Infos nach dem Handbuch.

Le disjoncteur ne peut être manoeuvré que si le bouton
"PUSH BEFORE OPERATE" n'est pas enfoncé, c'est-à-
dire uniquement quand le disjoncteur est dans l'une
de ces trois positions.

L'état de la CB doit être ouvert lors de l'insertion et de coupe.
Plus d'infos selon le manuel.

El interruptor puede manipularse sólo si el botón "PUSH
BEFORE OPERATE" no ha sido pulsado; es decir, sólo
cuando el interruptor se encuentra en una de las
siguientes tres posiciones.

El estado del IA se debe abrir durante la inserción y corte.
Más información de acuerdo con el manual.



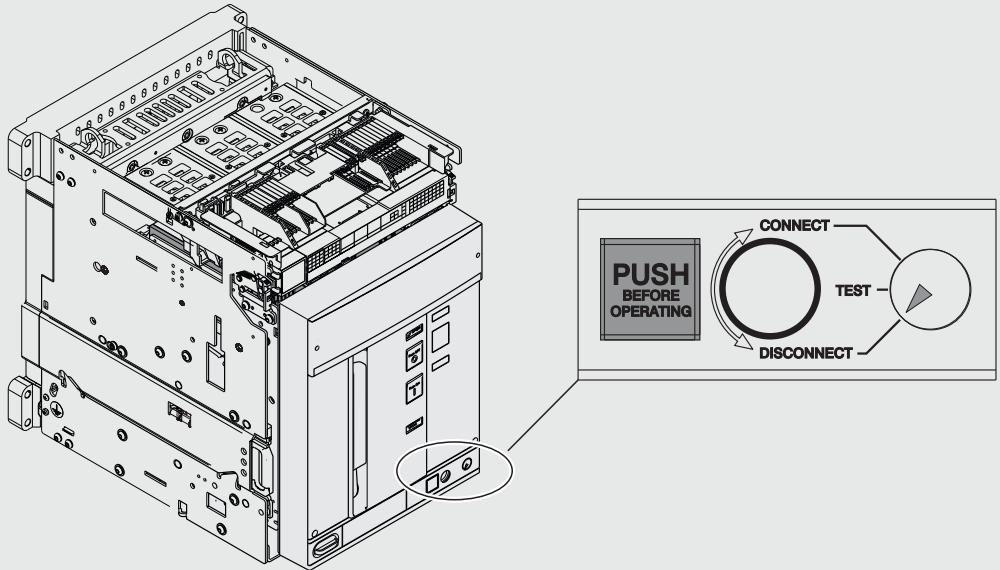
DISCONNECT

TEST

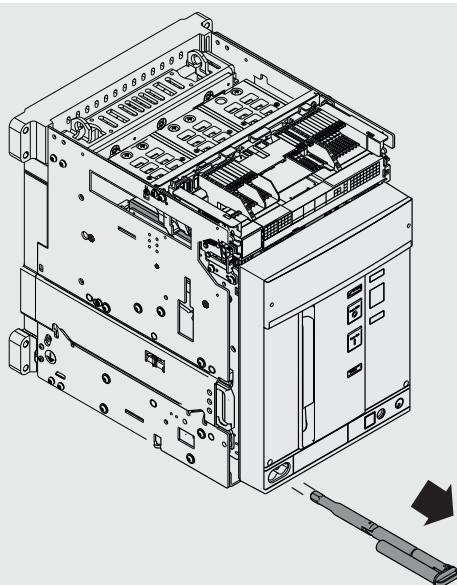
CONNECT

13

Posizione di estratto
Disconnected position
Trennstellung
Position de débroché
Posición de extraído

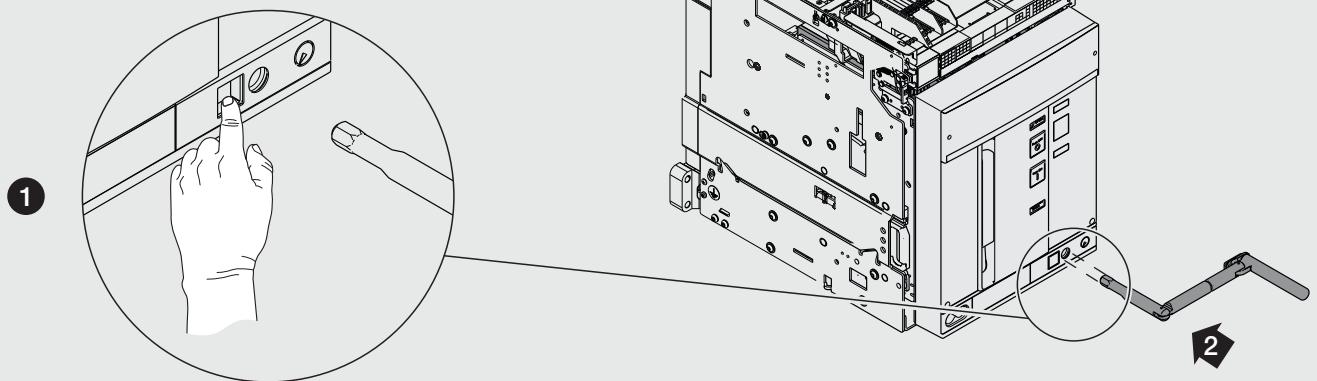


14

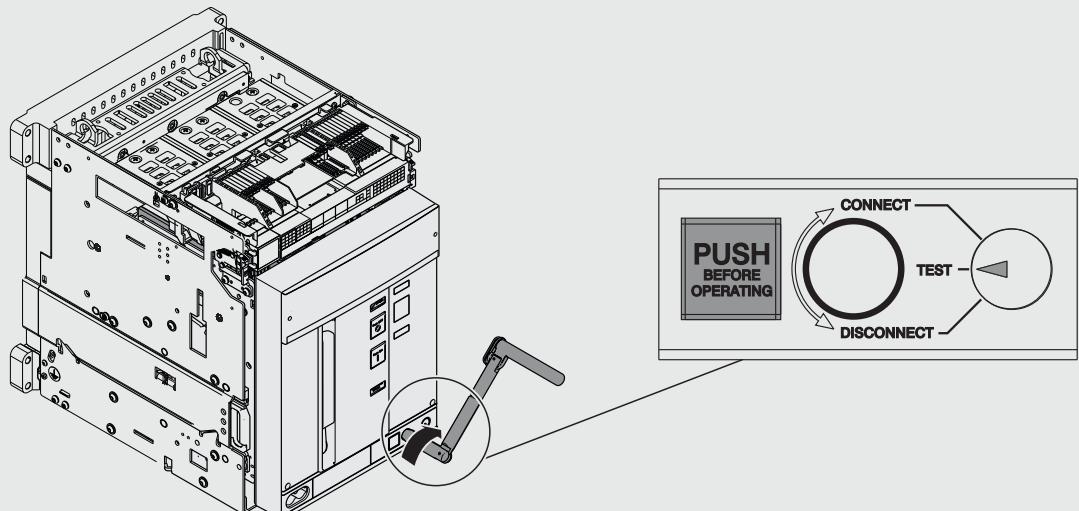


15

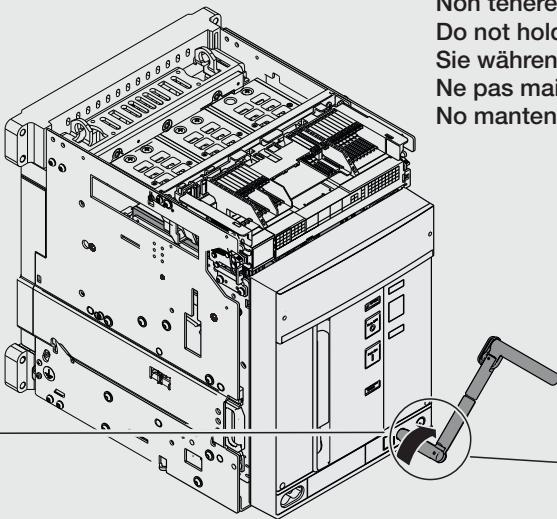
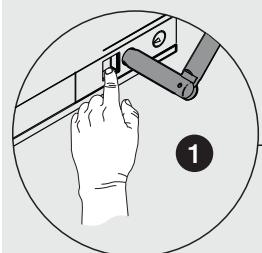
Non tenere premuto il pulsante durante la manovra
Do not hold the button down during the operation
Sie während des Manövers nicht halten Sie die Taste gedrückt
Ne pas maintenir le bouton enfoncé pendant la manœuvre
No mantenga presionado el botón durante la maniobra



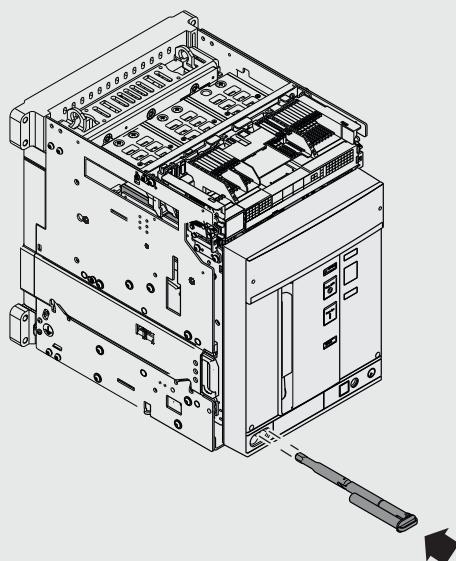
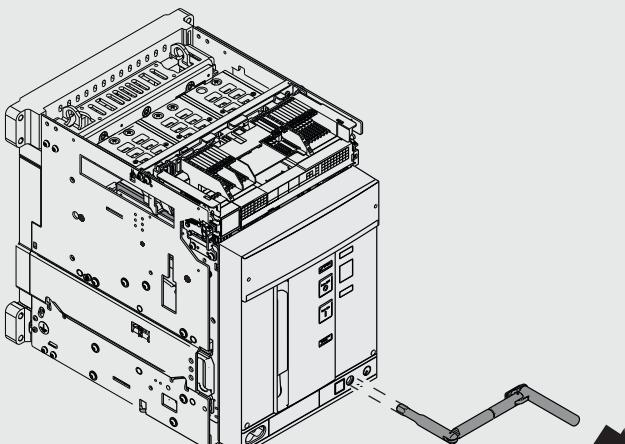
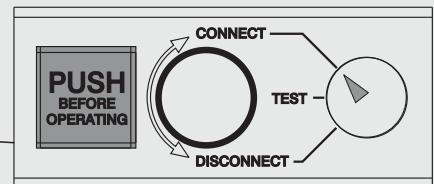
Posizione test
Test position
Prüfstellung
Position de test
Posición de prueba

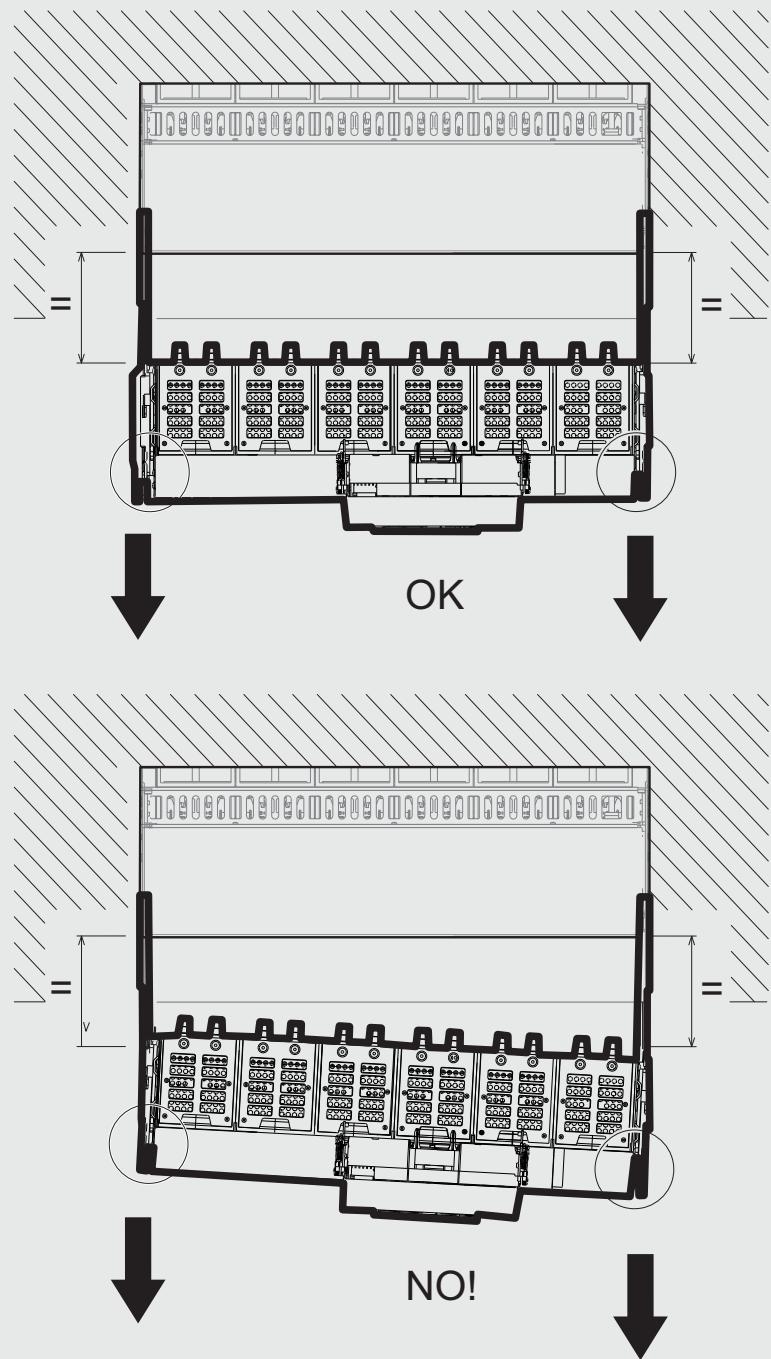


Posizione di inserito
Connected
Betriebsstellung
Position embroché
Posición de insertado



Non tenere premuto il pulsante durante la manovra
Do not hold the button down during the operation
Sie während des Manövers nicht halten Sie die Taste gedrückt
Ne pas maintenir le bouton enfoncé pendant la manœuvre
No mantenga presionado el botón durante la maniobra





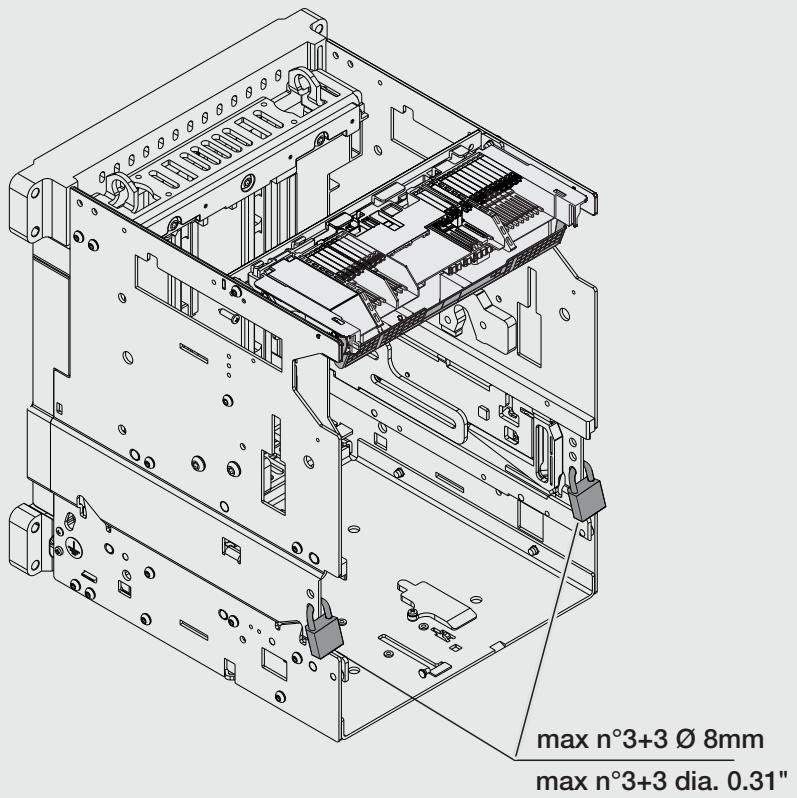
ATTENZIONE! Accertarsi che, durante l'estrazione della parte mobile, entrambe le guide parte fissa eseguano la medesima corsa mantenendo la parte mobile parallela alla parte fissa.

WARNING! When withdrawing the moving part, make sure that both guides on the fixed part travel to the same extent, thereby keeping the moving part parallel to the fixed part.

ACHTUNG! Sicherstellen, dass während des Herausfahrens des beweglichen Teils beiden Führungen des festen Teils den gleichen Hub ausführen, damit das bewegliche Teil parallel zum festen Teil halten.

ATTENTION! Vérifier, pendant l'extraction de la partie mobile, que les deux glissières de la partie fixe effectuent la même course en maintenant la partie mobile parallèle à la partie fixe.

¡ATENCIÓN! Verificar que, durante la extracción de la parte móvil, ambas guías de la parte fija efectúen la misma carrera, manteniendo la parte móvil paralela a la parte fija.



For more information please contact:

ABB S.p.A.
Via Pescaria, 5
24123 Bergamo - Italy
Phone: +39 035 395 111