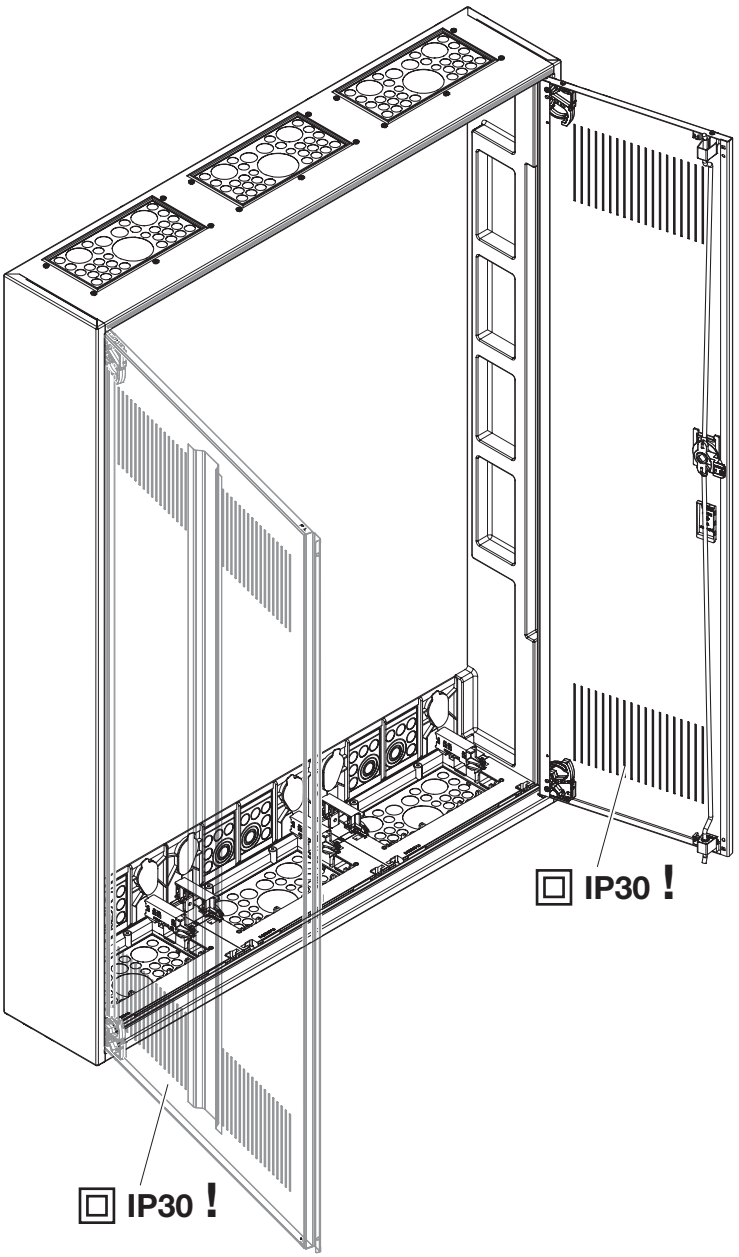
# IP44

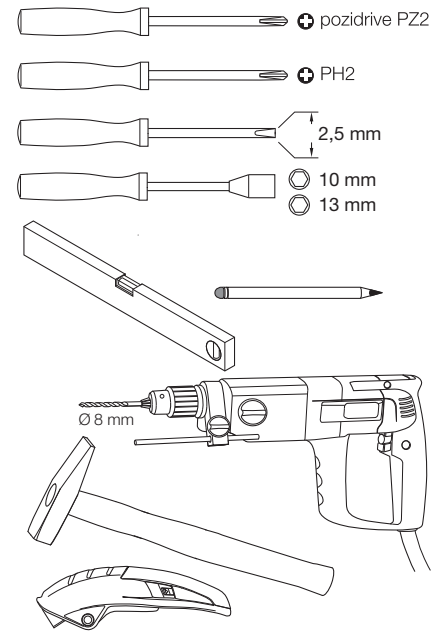
## ABNRM...

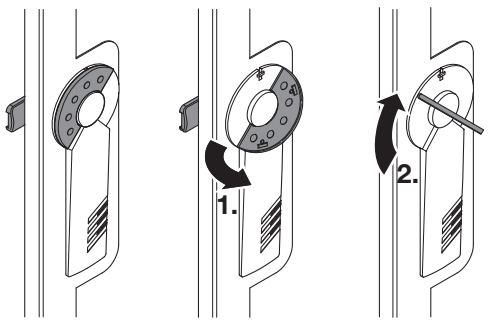





(de) Dieses Produkt muss gemäß der geltenden Standards und Normen installiert und angeschlossen werden.
DIN EN 61439

(en) This product must be installed, connected and used in compliance with prevailing standards and/or installation regulations.
DIN EN 61439



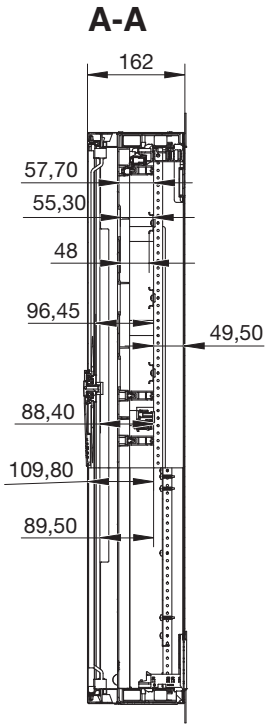


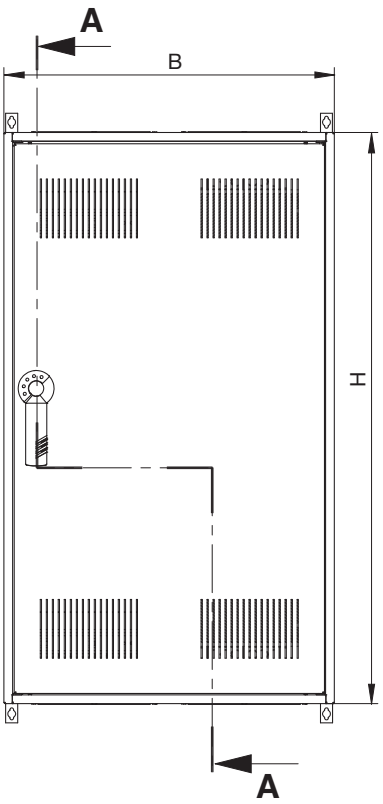

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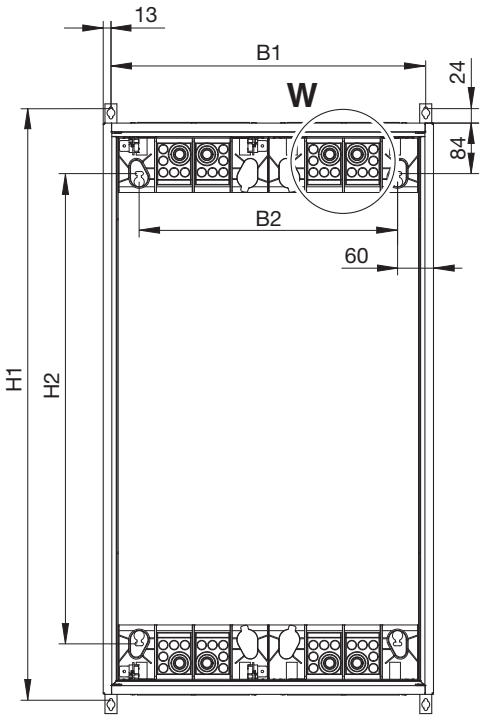
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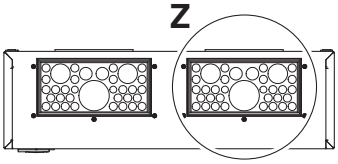
101003_02

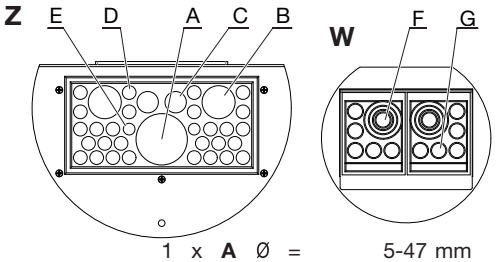
# Technische Maße
## *Technical dimensions*



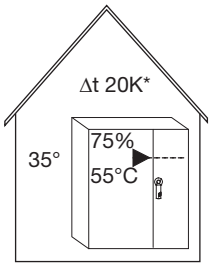




| TechnischeDaten<br>*tecnical data* | |
|---|---|
| Schutzklasse<br>*protection class* | ⧈ |
| IP-Schutzart Volltüre<br>*IP-class full door*<br>**ABNRM..., ABNRM...K, ABNRM...R** | IP44 |
| IP-Schutzart Lüftungstüre<br>*IP-class ventilation door*<br>**ABNRM...L, ABNRM...M** | IP30 |
| IP-Schutzart Mediatüre<br>*IP-class media door*<br>**ABNRM...L** | IP30 |

| | | | | |
|---|---|---|---|---|
| 1 | x | **A** | Ø | = 5-47 mm |
| 2 | x | **B** | Ø | = 5-29 mm |
| 2 | x | **C** | Ø | = 5-18 mm |
| 28 | x | **D** | Ø | = 5-11 mm |
| 2 | x | **E** | Ø | = 5-9 mm |
| 2 | x | **F** | Ø | = 16/21/29/38 mm |
| 10 | x | **G** | Ø | = 16 mm |

| Typ<br>*Type* | Höhe H<br>*height H* | Breite B<br>*widht B* | Höhe H1<br>*height H1* | Höhe H2<br>*height H2* | Breite B1<br>*widht B1* | Breite B2<br>*widht B2* | Pv W* |
|---|---|---|---|---|---|---|---|
| ABNRM103... | 500 | | 548 | 332 | | | 21 |
| ABNRM104... | 650 | | 698 | 482 | | | 26 |
| ABNRM105... | 800 | 300 | 848 | 632 | 274 | 180 | 32 |
| ABNRM106... | 950 | | 998 | 782 | | | 36 |
| ABNRM107... | 1100 | | 1148 | 932 | | | 40 |
| ABNRM203... | 500 | | 548 | 332 | | | 35 |
| ABNRM204... | 650 | | 698 | 482 | | | 41 |
| ABNRM205... | 800 | 550 | 848 | 632 | 524 | 430 | 47 |
| ABNRM206... | 950 | | 998 | 782 | | | 55 |
| ABNRM207... | 1100 | | 1148 | 932 | | | 61 |
| ABNRM303... | 500 | | 548 | 332 | | | 49 |
| ABNRM304... | 650 | | 698 | 482 | | | 57 |
| ABNRM305... | 800 | 800 | 848 | 632 | 774 | 680 | 67 |
| ABNRM306... | 950 | | 998 | 782 | | | 73 |
| ABNRM307... | 1100 | | 1148 | 932 | | | 83 |
| ABNRM403... | 500 | | 548 | 332 | | | 62 |
| ABNRM404... | 650 | | 698 | 482 | | | 70 |
| ABNRM405... | 800 | 1050 | 848 | 632 | 1024 | 930 | 84 |
| ABNRM406... | 950 | | 998 | 782 | | | 99 |
| ABNRM407... | 1100 | | 1148 | 932 | | | 116 |

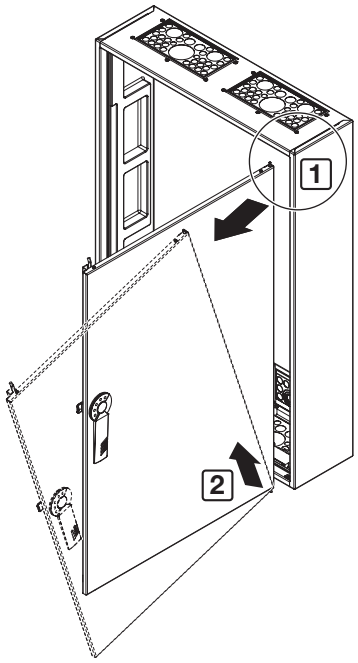


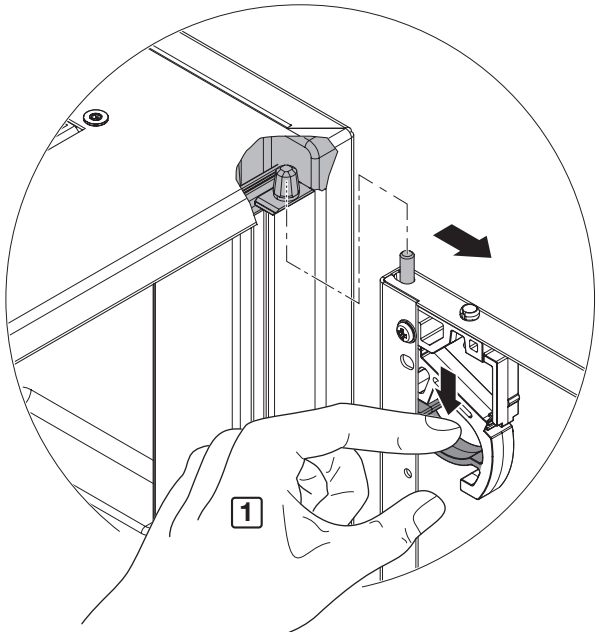



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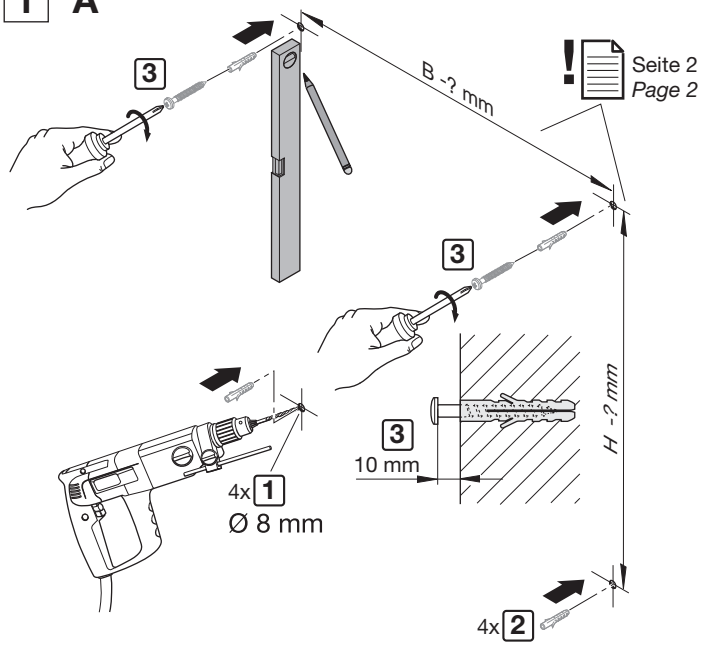
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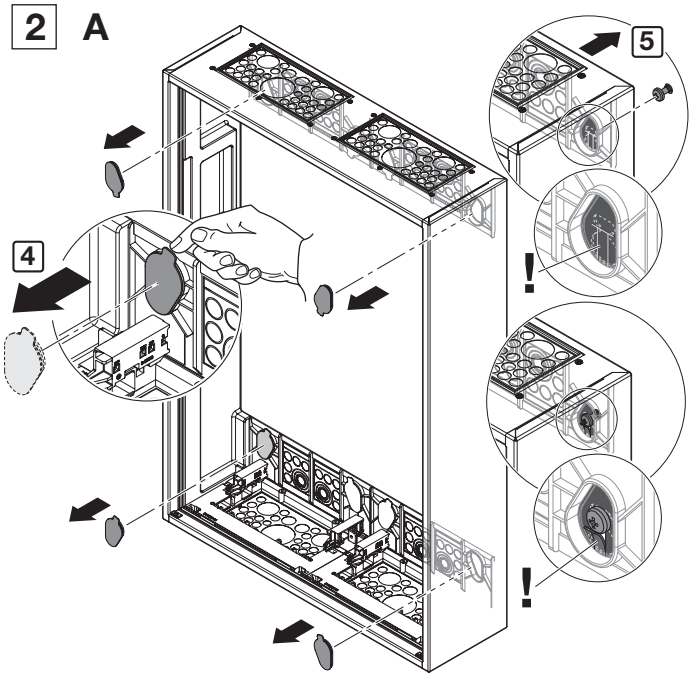


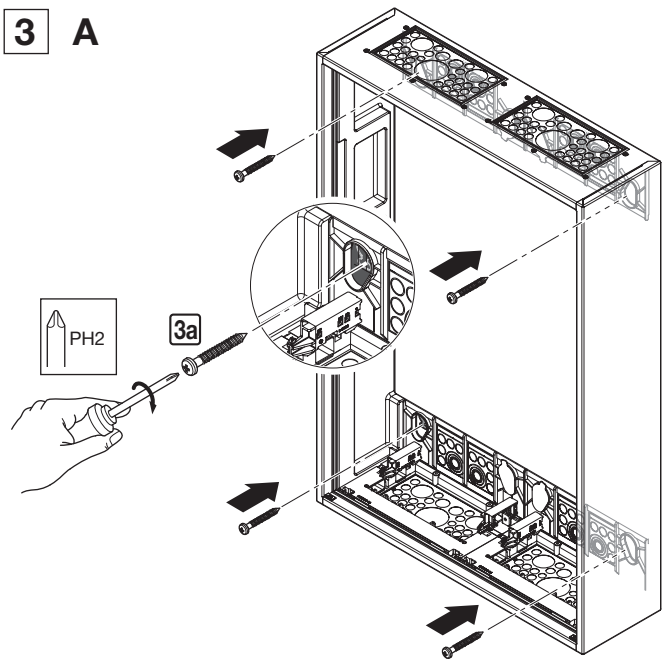

**1 A**



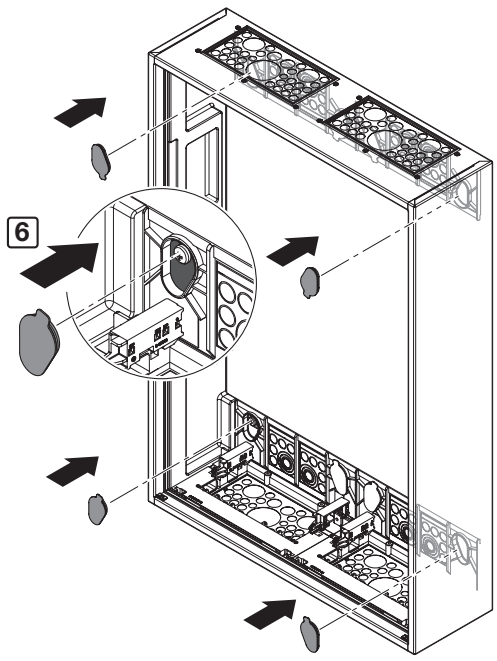

**2 A**




**3 A**




**4 A**

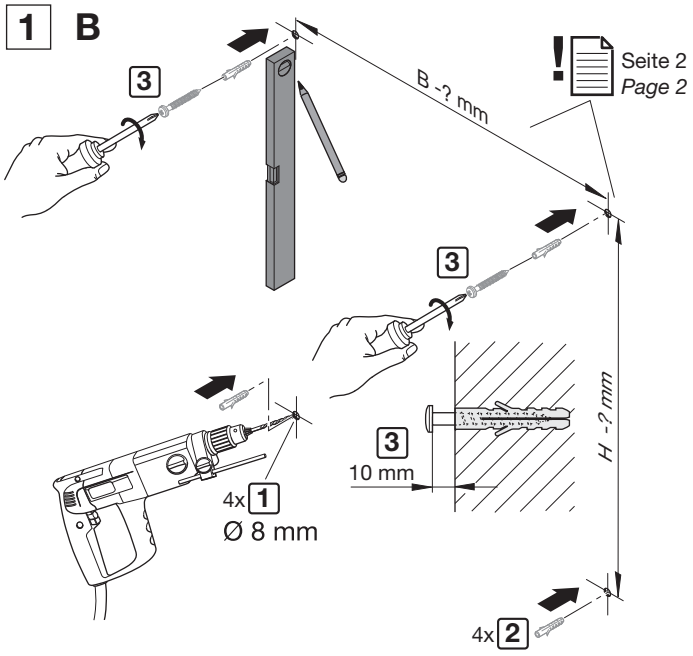



3/12

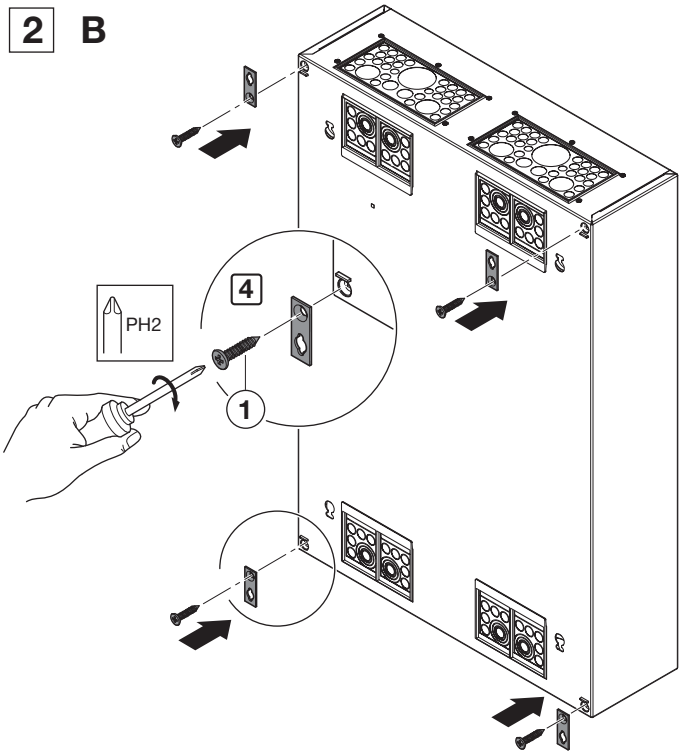
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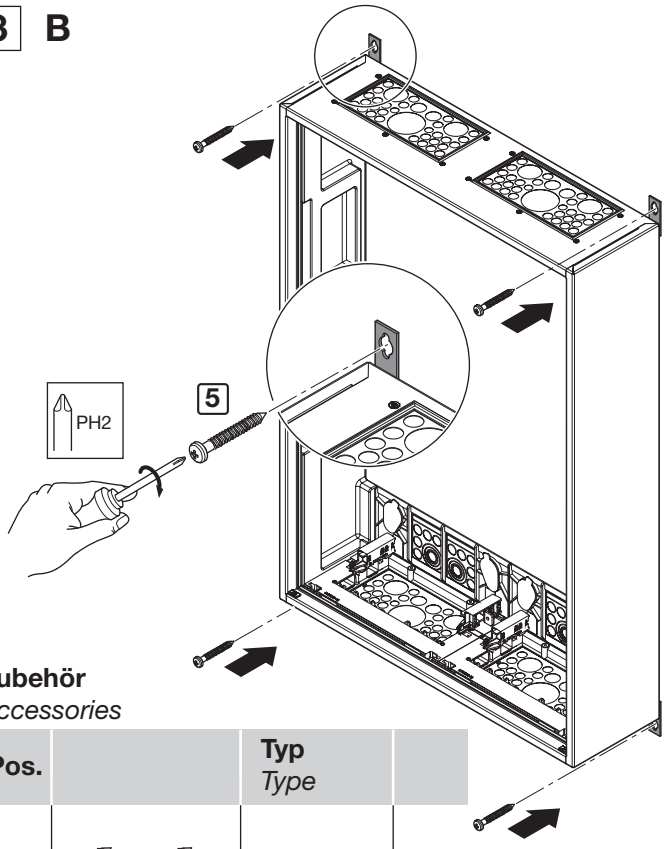
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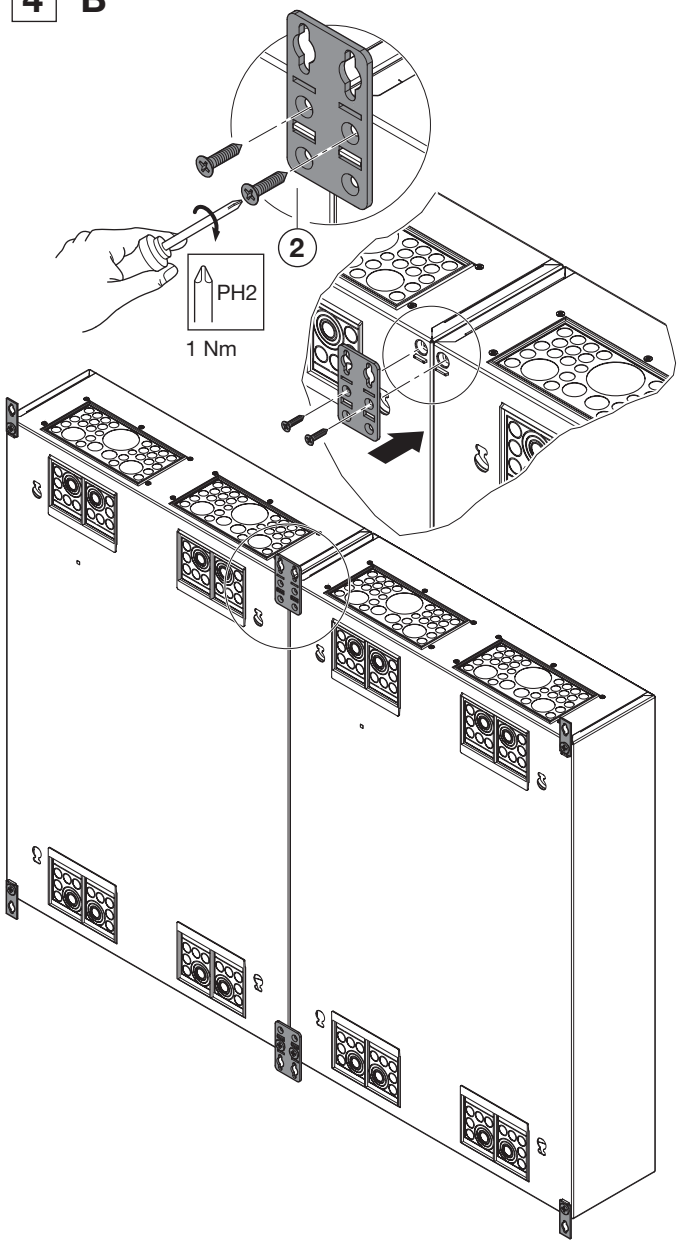

**2** **B**



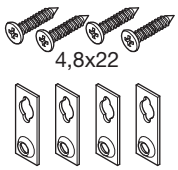
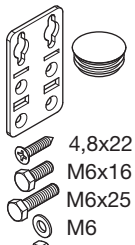

**3** **B**




**4** **B**




**Zubehör**
*Accessories*

| **Pos.** | | **Typ** *Type* | |
|---|---|---|---|
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| 2 |  4,8x22 M6x16 M6x25 M6 M6 | **GVS10** | 1x |

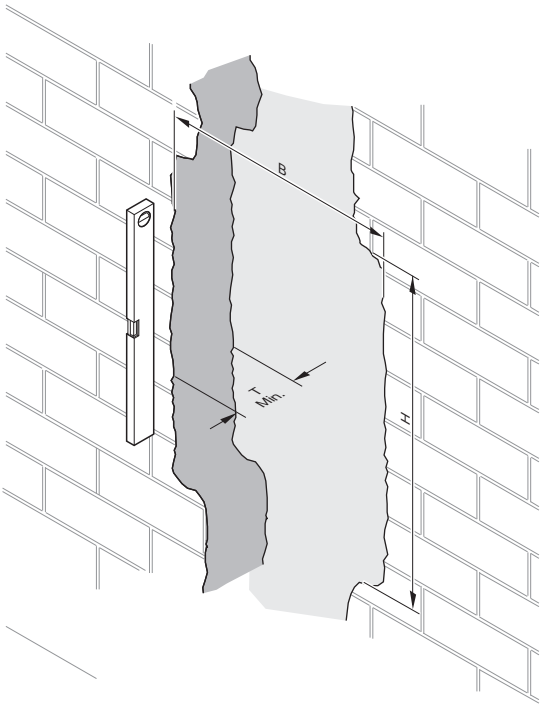
4/12

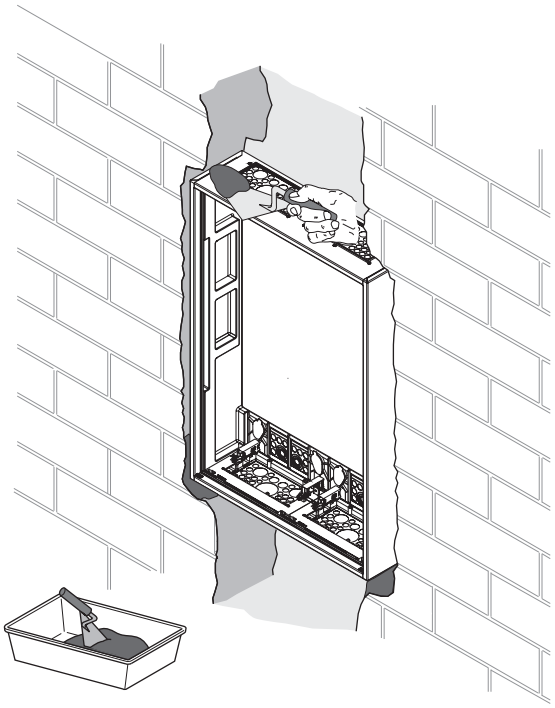
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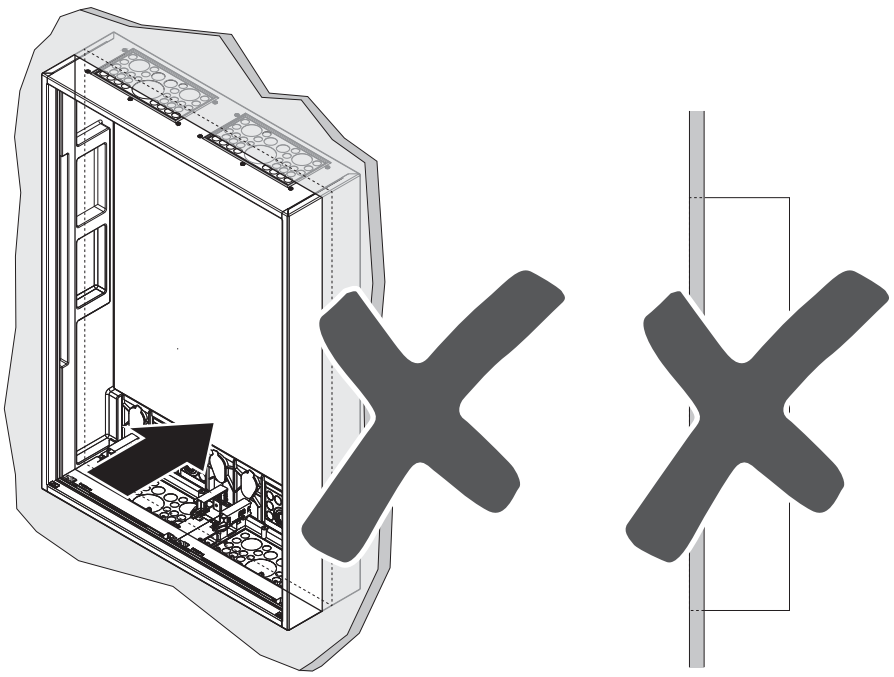
## Wandausschnitt
## *Wall cut-out*

| Länge<br>*lenght* | Breite<br>*widht* | Tiefe<br>*depth* |
|---|---|---|
| H + 20 mm | B + 20 mm | 120 - 160 mm |



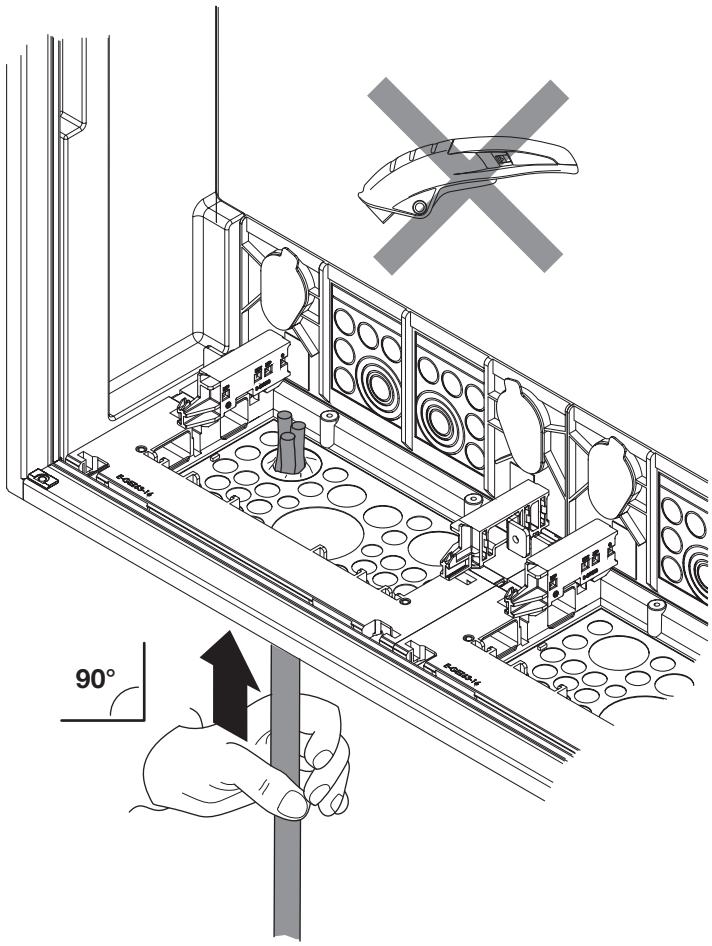
## Hohlwandinstallation
## *Hollow wall installation*

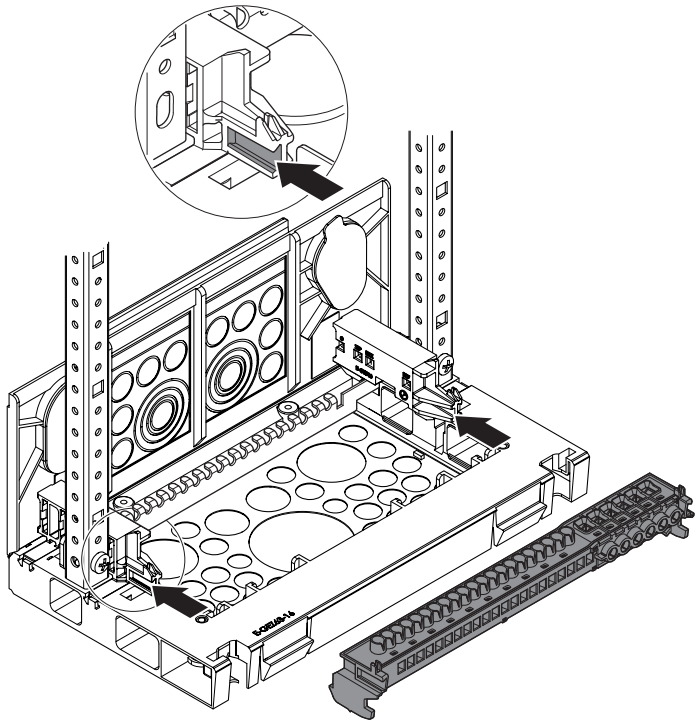


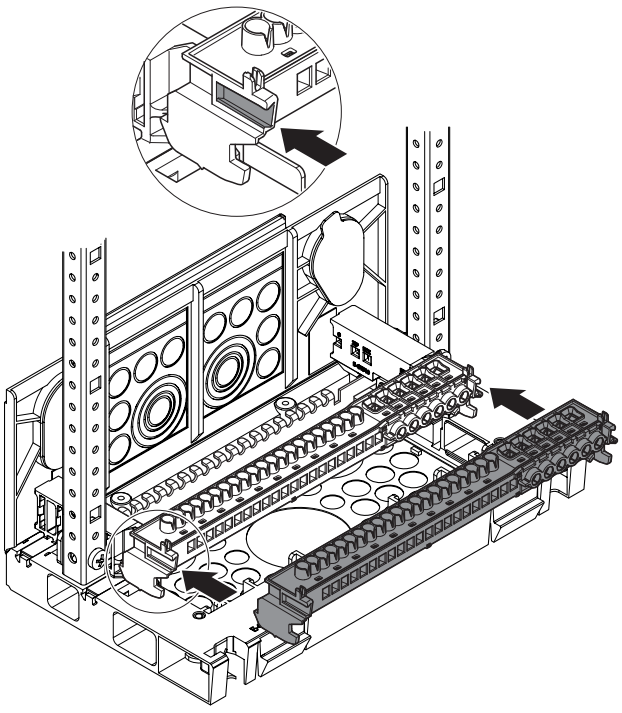


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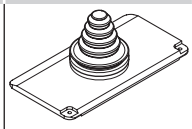
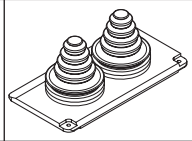
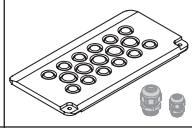
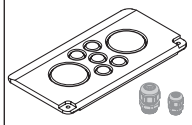
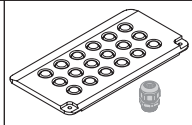
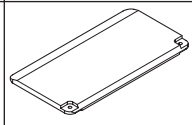


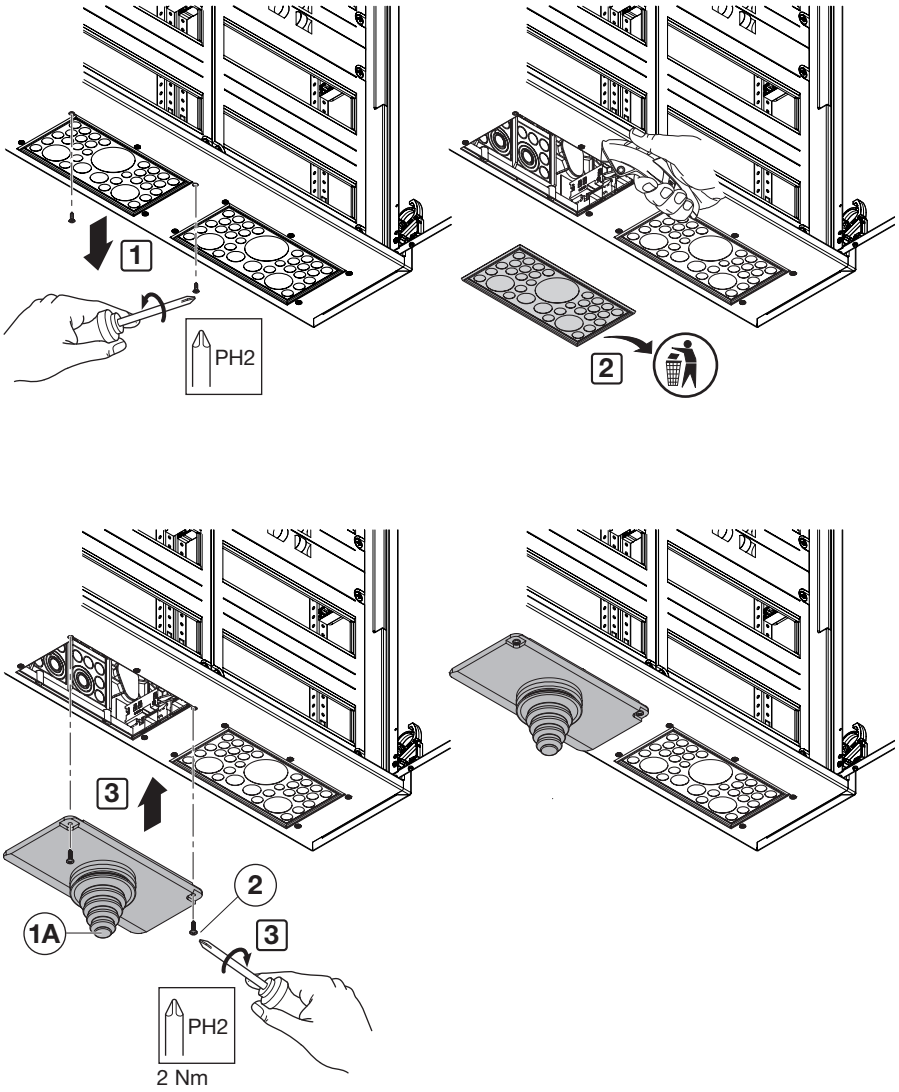


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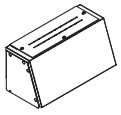
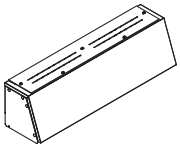
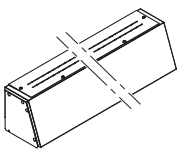
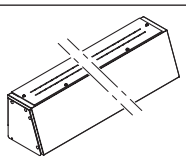
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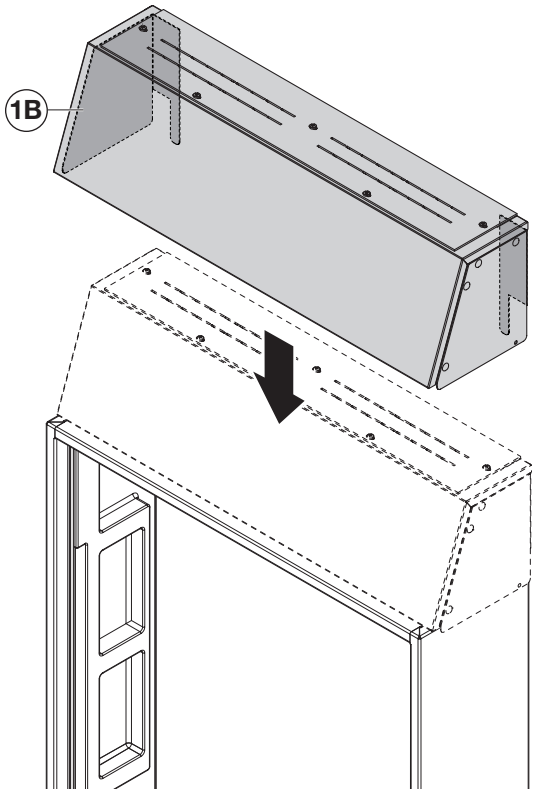
**Zubehör**
*Accessories*

| Pos. | | Typ *Type* | |
|---|---|---|---|
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| 1B |  | **GKT26** | 1x |
| 1C |  | **GLP2-1** 5xM20+12xM16 | 1x |
| 1D |  | **GLP2-2** 2xM50+5xM20 | 1x |
| 1E |  | **GLP2-3** 18xM16 | 1x |
| 1F |  | **GLP5** | 1x |
| 2 |  | 4,2x16 | 2x |




**Zubehör**
*Accessories*

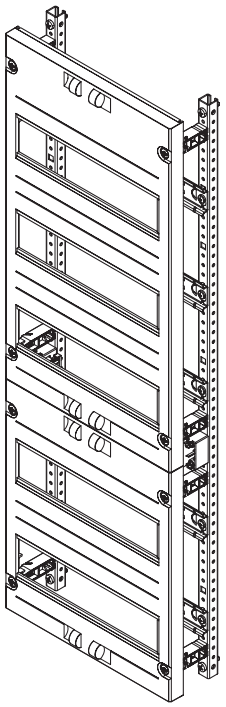
| Pos. | | Typ *Type* | |
|---|---|---|---|
| 1A |  | **GRK1** | 1x |
| 1B |  | **GRK2** | 1x |
| 1C |  | **GRK3** | 1x |
| 1D |  | **GRK4** | 1x |



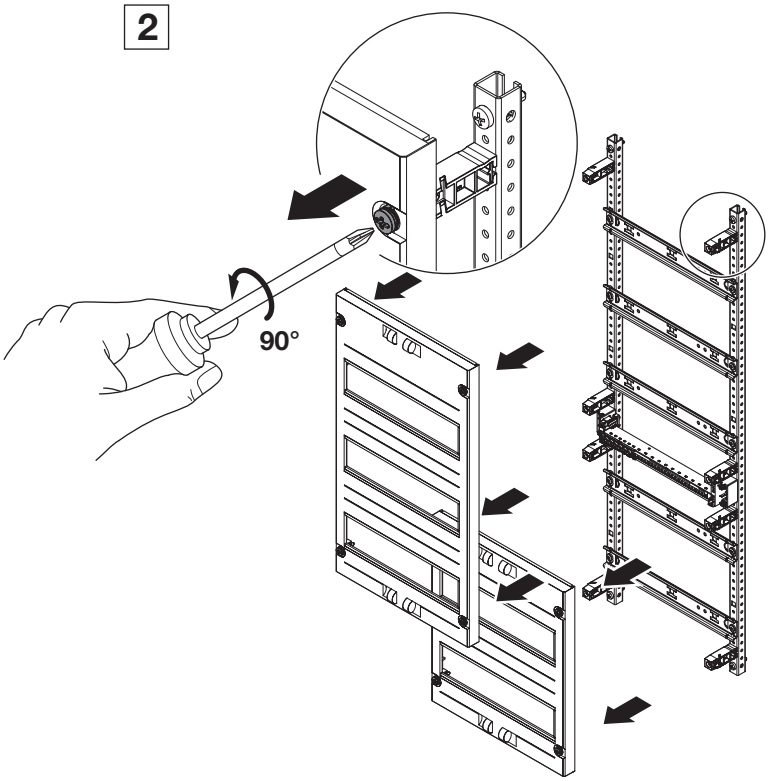

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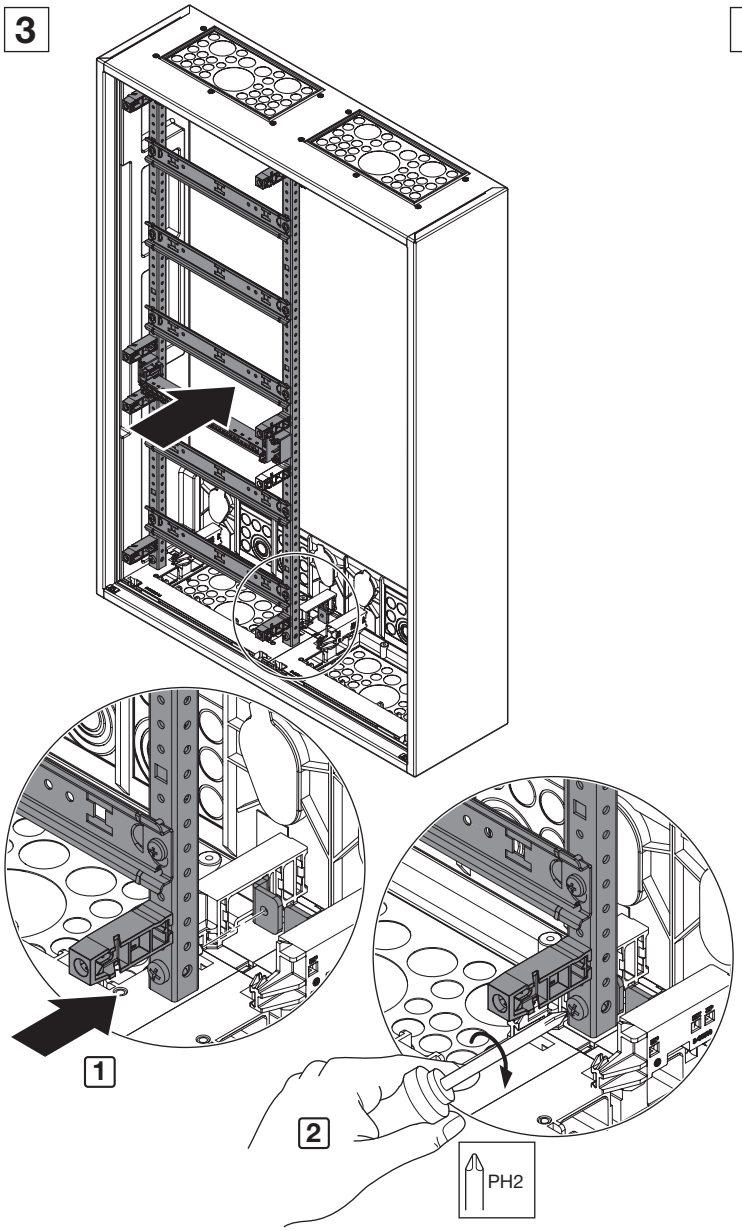
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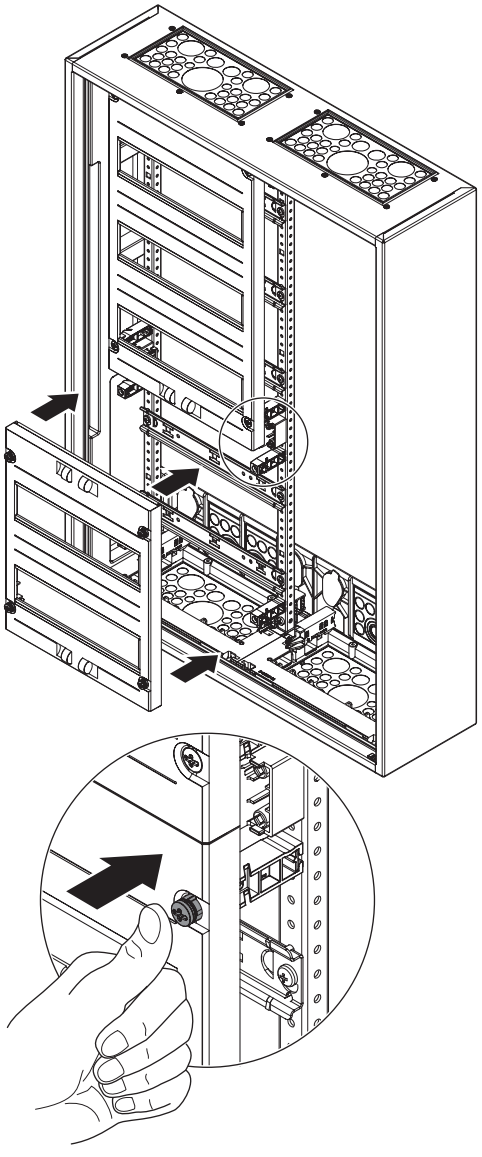
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3




4



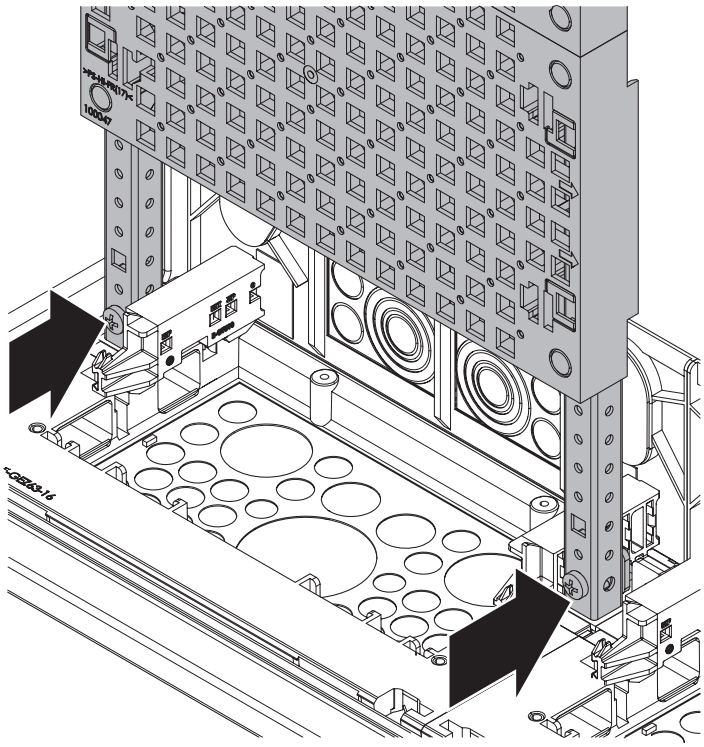


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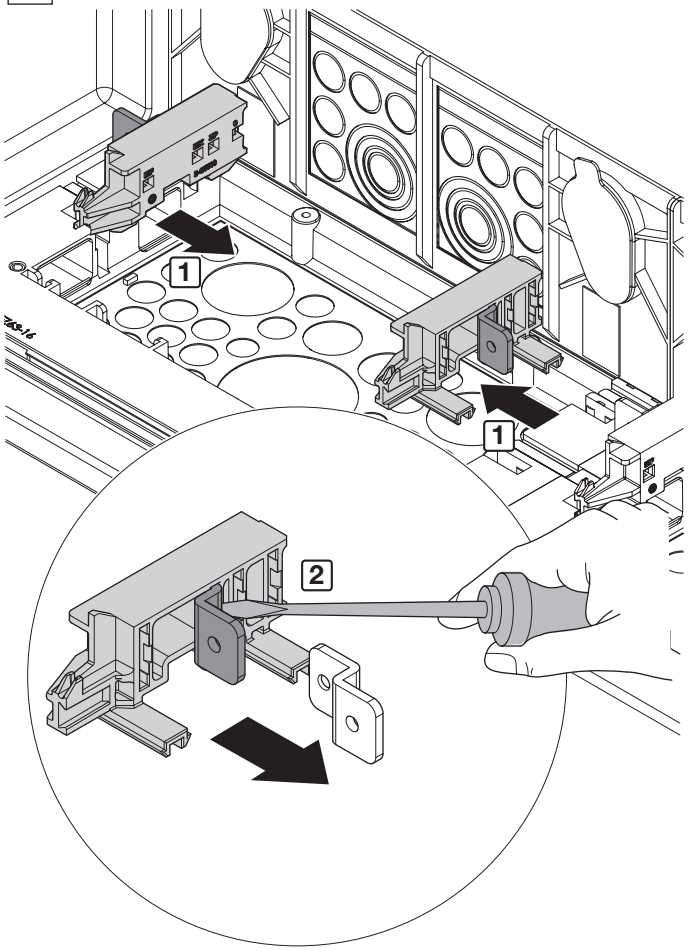
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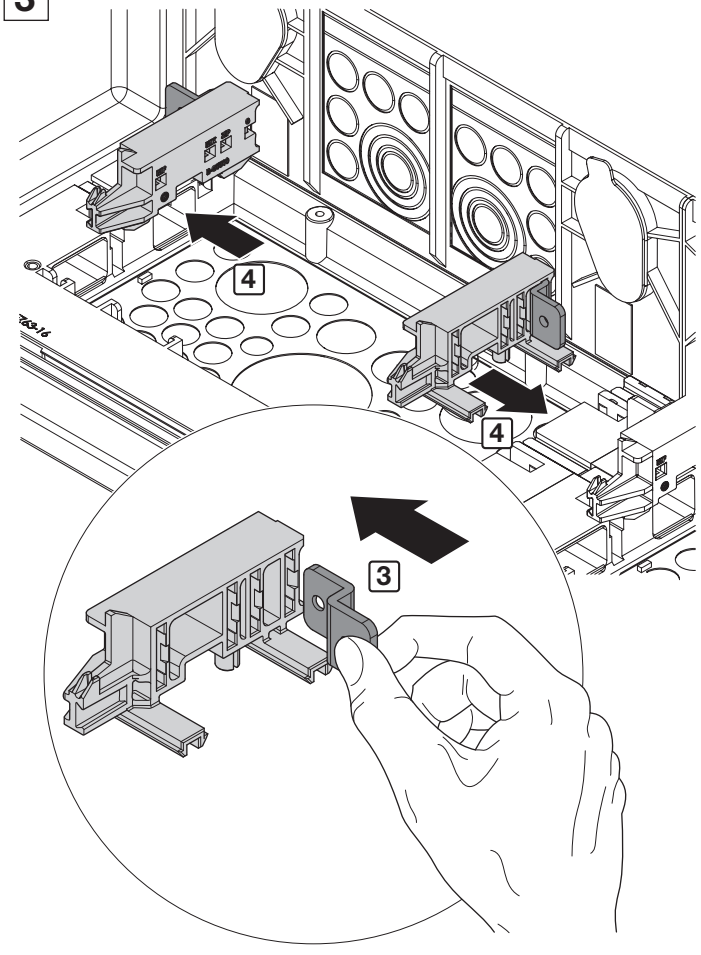
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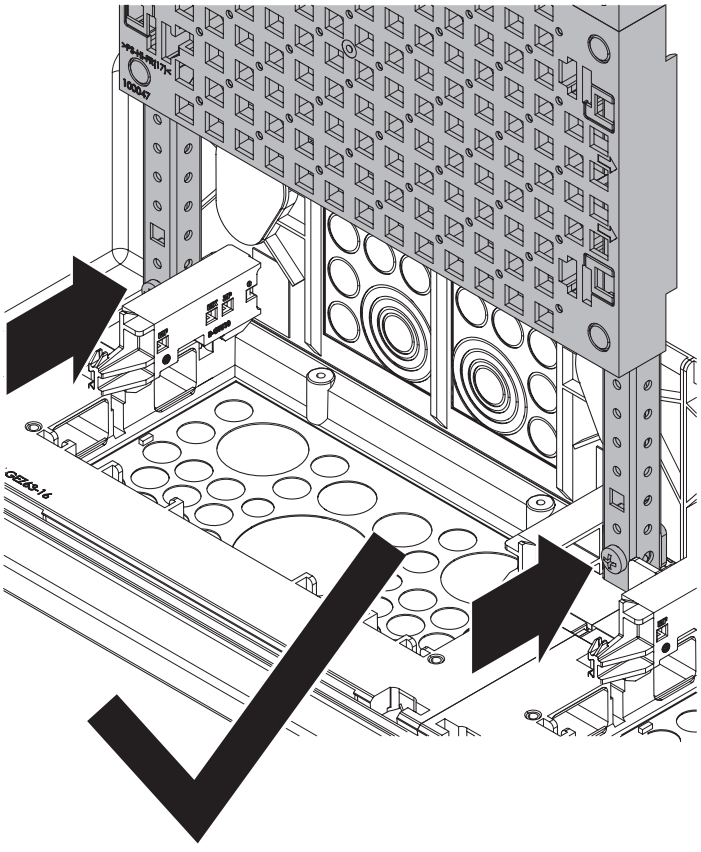
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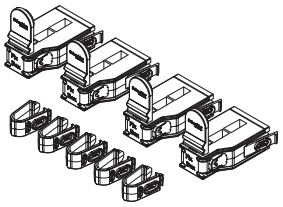
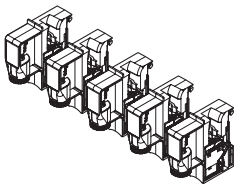
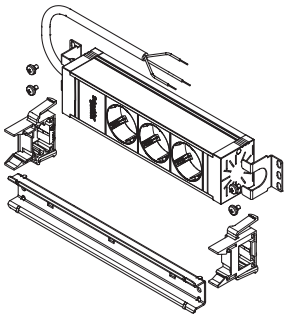
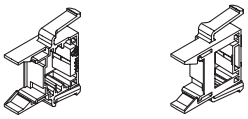
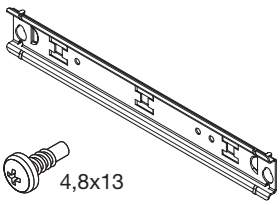
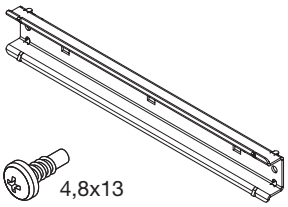
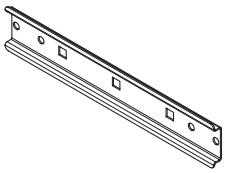
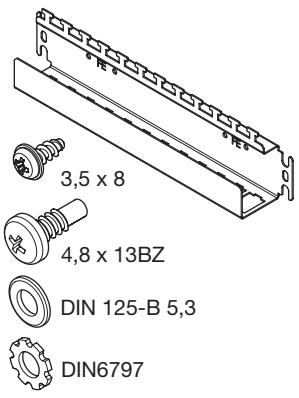


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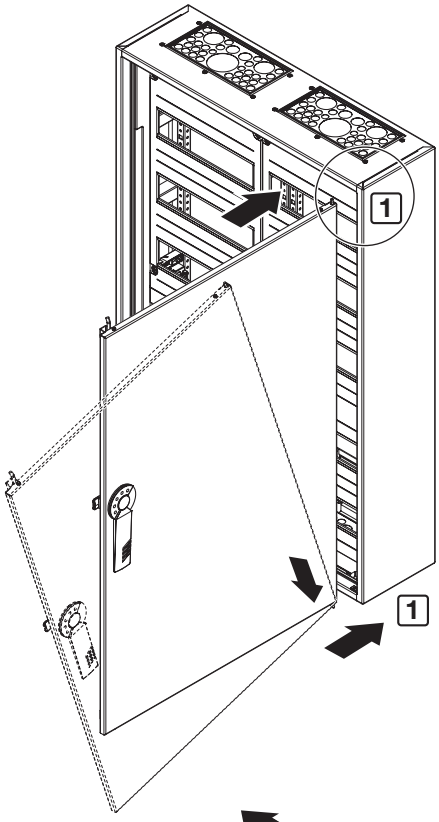
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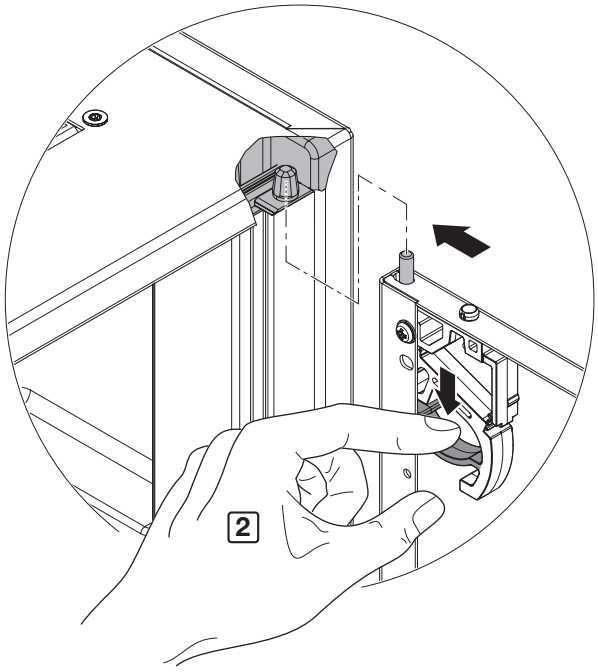
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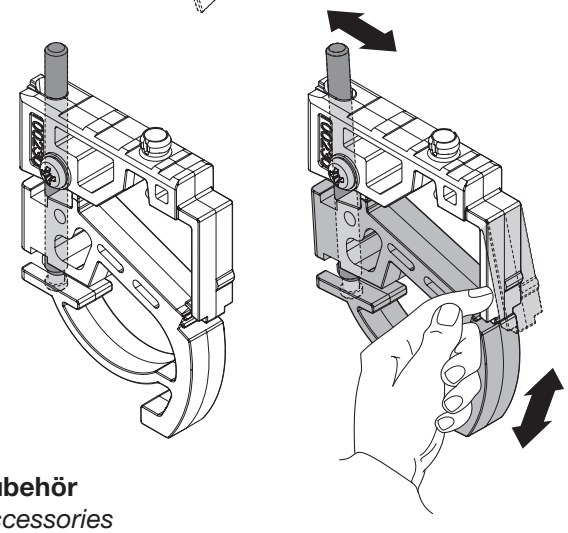
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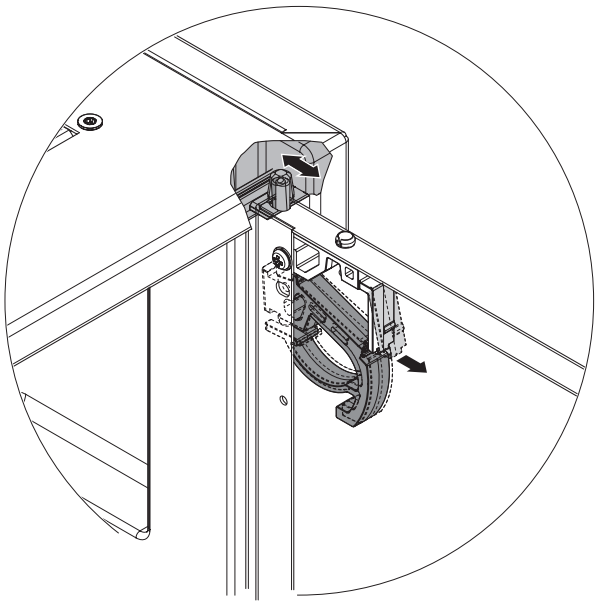


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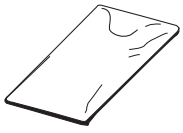
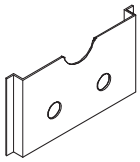
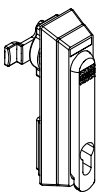
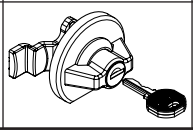




**Zubehör**
*Accessories*

| Pos. | | Typ *Type* | |
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| 2 |  | **FBS5** | 1x |
| 3 |  | **ABNRY10120** | 1x |
| 4 |  | **ABNRY03111** | 1x |



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Sehr geehrter ABN-Kunde und Errichter der Anlage,

es ist generell eine Durchsicht nach dem Transport erforderlich.

**H I N W E I S :**
nach Errichten und vor Inbetriebnahme sind grundsätzlich alle elektrischen Verbindungen, sowie alle Schraub- und Klemmverbindungen an Stromschienen und Schaltgeräten auf Lockerung, korrekten Anschluss und Unversehrtheit zu überprüfen.

Bitte beachten Sie die gültige Normen, Richtlinien (VdS) und Unfallverhütungsvorschriften (DGUV).

Im Speziellen:

- DIN VDE 0100-600 Prüfungen vor Inbetriebnahme
- DIN VDE 0105-100 Kapitel 5.3 ff - Erhalten des ordnungsgemäßen Zustands
- DIN 43673 Teil 1 Anzugsdrehmoment
- DIN EN 61439-1 ff Niederspannungs-Schaltgerätekombinationen
- VDE-AR-N 4101 Anforderungen an Zählerplätze in elektrischen Anlagen im Niederspannungsnetz
- VDE 0100-443 Anforderungen SPD - Überspannungsschutz im Vorzählerbereich

Es gelten immer die aktuellsten gültige Fassungen der jeweiligen Norm.
Um aktuell zu bleiben nutzen Sie das VDE-Abonnement. Kontakt: www.vde-verlag.de

Bitte führen Sie Ihre Inbetriebnahme-Prüfung durch, prüfen Typenschild und Dokumentation.

Für die einwandfreie Funktion und endanwendungsgerechte Ausfuhrung gegenuber dem Netzbetreiber und Anschlussnehmer sind Sie alleine verantwortlich.

Gerne unterstützen wir Sie dabei, nutzen Sie die Informationen auf unserem Internetauftritt: www.abn-elektro.de
Notwendiges Zubehör finden Sie im neuen Katalog oder fragen Ihren Ansprechpartner im EGH oder beim ABN-Aussendienst nach. Unsere Montageanleitungen stehen Ihnen als PDF-Download unter:
www.abn-elektro.de/Service/Monatageanleitungen zur Verfugung.

Wir danken fur Ihren Kauf und wunschen viel Erfolg mit Produkten von ABN GmbH
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Technischen Support erhalten Sie unter: Tel.: +49 (0) 71 39 94 88 4; E-Mail: de-abn-technisch@se.com

*Dear ABN customer and installer of the system,*

*it is generally necessary to carry out an inspection after transport.*

***N O T E :***
*After installation and before commissioning, all electrical connections, as well as all screwed and clamped connections on busbars and switchgear, must be checked for connections on busbars and switchgear must be checked for looseness, correct connection and integrity.*

*Please observe the applicable standards, guidelines (VdS) and accident prevention regulations (DGUV).*

*In particular:*

- *DIN VDE 0100-600 Tests before commissioning*
- *DIN VDE 0105-100 Chapter 5.3 ff - Maintaining proper condition*
- *DIN 43673 Teil 1 Tightening torque*
- *DIN EN 61439-1 ff Low-voltage switchgear and controlgear assemblies*
- *VDE-AR-N 4101 Requirements for metering stations in electrical installations in the low-voltage network*
- *VDE 0100-443 Requirements SPD - Overvoltage protection in the pre-metering area*

*The latest valid versions of the respective standards always apply.*
*To stay up to date please use the VDE subscription. Contact: www.vde-verlag.de*

*Please carry out your commissioning test, check nameplate and documentation.*

*You alone are responsible for the proper function and end-use design vis-à-vis the network operator and the connection user.*

*We will be pleased to support you in this, please use the information on our website: www.abn-elektro.de.*
*You will find necessary accessories in the new catalog or ask your contact person at EGH or the ABN field service.*
*Our assembly instructions are available as a PDF download at:*
*www.abn-elektro.de/Service/Monatageanleitungen.*

*We thank you for your purchase and wish you much success with products from ABN GmbH.*
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