

Compact Distribution Boxes xComfort BC-A



Catalog



Powering Business Worldwide

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Compact Distribution Boxes

Surface-Mounted Compact Distribution Boxes BC-A-../.., Version A

wa_vt06113, wa_vt06613, wa_vt05113



Description

- 1 to 4 rows
- 13 module units (MU) per row
- Protection class I Version BC-A-../..-A
- Protection class II Version BC-A-../..
- Degree of protection IP40 or IP30

Scope of Delivery BC-A-../..-A:

- Enclosure
- Device support
- Neutral and protective earth terminals with terminal support
- Instructions for installation
- Sheet of marking labels

Scope of Delivery BC-A-../..:

- Enclosure
- Device support
- Neutral and protective earth terminals with terminal support
- Rear wall
- Instructions for installation
- Sheet of marking labels

Number of Rows

Type
Designation

Article No.

Units per
package

Surface-mounted Compact Distribution Boxes BC-A-./../, Version A

Surface-mounted Distribution Boxes, white door, without rear wall

wa_vt06713



1	BC-A-1/13-TW-A	101562	1
2	BC-A-2/26-TW-A	101563	1
3	BC-A-3/39-TW-A	101564	1
4	BC-A-4/52-TW-A	101565	1

Surface-mounted Distribution Boxes, white door, with rear wall ☐

wa_vt06713, vt2900



1	BC-A-1/13-TW	101558	1
2	BC-A-2/26-TW	101559	1
3	BC-A-3/39-TW	101560	1
4	BC-A-4/52-TW	101561	1

Hood Distribution Boxes without rear wall

wa_vt05113



1	BC-A-1/13-A	101554	1
2	BC-A-2/26-A	101555	1
3	BC-A-3/39-A	101556	1
4	BC-A-4/52-A	101557	1

Hood Distribution Boxes with rear wall ☐

wa_vt05113, vt2900



1	BC-A-1/13	101550	1
2	BC-A-2/26	101551	1
3	BC-A-3/39	101552	1
4	BC-A-4/52	101553	1

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Compact Distribution Boxes

Surface-Mounted Compact Distribution Boxes BC-A-../.., Version A

Number of Rows

Type
Designation

Article No.

Units per
package

Accessories

White door

VT11605



1	BCZ-A-TW-1/13	101574	1
2	BCZ-A-TW-2/26	101575	1
3	BCZ-A-TW-3/39	101576	1
4	BCZ-A-TW-4/52	101577	1

White door with lock

VT11705



1	BCZ-A-TWS-1/13	101578	1
2	BCZ-A-TWS-2/26	101579	1
3	BCZ-A-TWS-3/39	101580	1
4	BCZ-A-TWS-4/52	101581	1

Rear wall

VT2900



1	BCZ-CS-PF-1/13	294890	1/10
2	BCZ-CS-PF-2/26	294891	1/10
3	BCZ-CS-PF-3/39	294892	1/10
4	BCZ-CS-PF-4/52	294893	1/10

Description

Type
Designation

Article No.

Units per
package

Terminal Supports with Terminal Blocks

wa_vt52313



Terminal support KL4 with 1x KLV-KL-4	BCZ-CS-B0-KL4	294909	1
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Terminal Support, Empty

wa_vt52113



Terminal support single stage	BCZ-CS-B0	294905	1
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wa_vt07413



Terminal support double stage	BCZ-A-KLT	101590	1
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Terminal Support Cover

For terminal support BCZ-CS-B0

wa_vt79813



transparent	BCZ-CS-B0-T	103139	1
green	BCZ-CS-B0-V	294907	1
blue	BCZ-CS-B0-B	294908	1

For terminal support BCZ-CS-B0-KL4

wa_vt79713



transparent	BCZ-CS-B0-KL4-T	103160	1
green	BCZ-CS-B0-KL4-V	103161	1
blue	BCZ-CS-B0-KL4-B	294911	1

Description

Type
Designation

Article No.

Units per
package**Terminal Blocks max. 63 A**

VT1800

1x 25 mm² + 3x 16 mm²

KLV-KL-4

236841

1

1x 25 mm² + 6x 16 mm²

KLV-KL-7

236842

1

2x 25 mm² + 9x 16 mm²

KLV-KL-11

236843

1

2x 25 mm² + 13x 16 mm²

KLV-KL-15

236844

1

2x 25 mm² + 23x 16 mm²

KLV-KL-25

236845

1

Plug-In Terminals PE/N

VT12308

Clamping units 1x (6x 2.5-16 mm² + 21x 1.5-4 mm²)

BCZ-CS-BO-F1

116846

1

VT12408

Clamping units 2x (6x 2.5-16 mm² + 21x 1.5-4 mm²)

BCZ-CS-BO-F2

116847

1

General accessories

wa_vt52513, Beschriftungsbg_1



BCZ-CS-CHP

Door hinge-set

BCZ-CS-CHP

294914

1

Sheet of marking labels

KLV-BSB

279268

1

Inscription strip

LAB-BAR_CSO

107885

10

Enclosure leaves for the inscription strips

LAB-TAPE_A4_BLANK

107952

10

Fastening screw-set for cover

BCZ-A-BFS-H

101591

1

wa_vt14413, VT19405

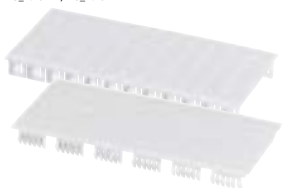


LAB-BAR_CSO

BCZ-A-BFS-H

Blanking Strip BS-...-WH**For all Eaton distribution boards**

wa_vt10414, wa_vt10714



Blanking strip, white, fine-ribbed, 12 MU

BS-12MF-WH

178975

10/100

Blanking strip, grey, fine-ribbed, 12 MU

BS-12MF-GY

178980

10/100

Blanking strip, white, fine-ribbed, 6 MU

BS-6MF-WH

178976

10/100

Blanking strip, white, rough-ribbed, 12 MU

BS-12MB-WH

178977

10/100

Blanking strip, grey, rough-ribbed, 12 MU

BS-12MB-GY

178979

10/100

Blanking strip, white, rough-ribbed, 6 MU

BS-6MB-WH

178978

10/100

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Compact Distribution Boxes

Surface-Mounted Compact Distribution Boxes BC-A-../.., Version A

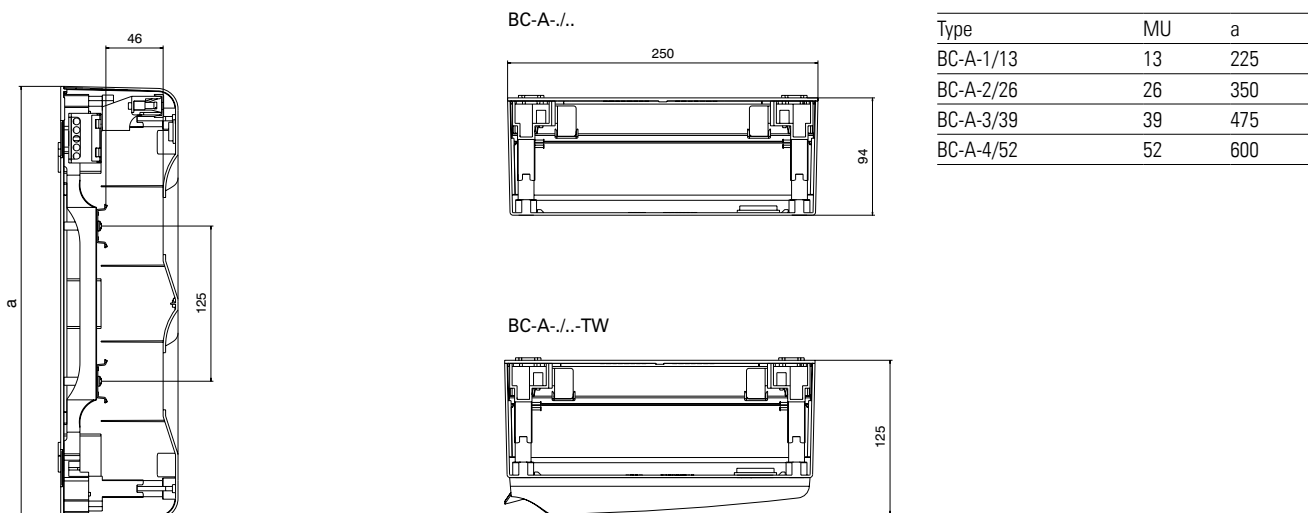
Description Surface-mounted Compact Distribution Boxes BC-A-../.., Version A

- **Protection class II:**
Only in combination with rear wall (BCZ-CS-PF) and blanking strip (BS-...)
- **Enclosure:**
Plastic enclosure with detachable rear wall, white (RAL 9010)
- **Device support:**
Device support as base element, with detachable support rails; large space behind the device support rails permits efficient working and saving time; line entrance from above, below and from the side
- **Door:**
Hinged to the left or to the right, white plastic

Technical Data

BC-A...-A		
Electrical		
Design according to	IEC/EN 62208	
Degree of protection	IP40 (IK07) with Door IP30 (IK07) without Door	
Protection class	I without Rear wall II with plastic Rear wall	
Rated voltage	400 V AC, 50 Hz	
Suitable for network structures	TN, TT and IT	
Maximum power loss for all devices integrated in the distribution box at an ambient temperature of 35 °C:		
1 row	27 W	
2 row	37 W	
3 row	47 W	
4 row	57 W	
Mechanical		
Material		
Cover plate	PS (white RAL9010)	
Device support	PS	
Rear wall	PS	
Terminal support	PPO	
Door	PC (white RAL9010)	
Distance between DIN rails	125 mm	
N/PE-terminals	N [mm²]	PE [mm²]
1 row	2x 25 + 11x 16	2x 25 + 11x 16
2 row	2x 25 + 14x 16	2x 25 + 14x 16
3 row	2x 25 + 23x 16	2x 25 + 23x 16
4 row	2x 25 + 23x 16	2x 25 + 23x 16

Dimensions (mm)



wa_vt06113, wa_vt06613, wa_vt05113



Description

- 1 to 4 rows
- 13 module units (MU) per row
- Protection class II with Rear wall (BCZ-CS-PF) and Blanking Strip (BC-...)
- Degree of protection IP40 or IP30

Scope of Delivery BC-A-./...:

- Enclosure
- Device support
- Neutral and protective earth terminals with terminal support
- Rear wall
- Instructions for installation
- Sheet of marking labels

Number of Rows

Type
Designation

Article No.

Units per
package**Surface-mounted Compact Distribution Boxes BC-A-./../, Version G****Surface-mounted Distribution Boxes, white door, with rear wall**

wa_vt06713, vt2900



1	BC-A-1/13-TW-G	110157	1
2	BC-A-2/26-TW-G	110158	1
3	BC-A-3/39-TW-G	110159	1
4	BC-A-4/52-TW-G	110160	1

Hood Distribution Boxes with rear wall

wa_vt05113, vt2900



1	BC-A-1/13-G	110153	1
2	BC-A-2/26-G	110154	1
3	BC-A-3/39-G	110155	1
4	BC-A-4/52-G	110156	1

Number of Rows

Type
Designation

Article No.

Units per
package**Accessories****White door**

VT11605



1	BCZ-A-TW-1/13	101574	1
2	BCZ-A-TW-2/26	101575	1
3	BCZ-A-TW-3/39	101576	1
4	BCZ-A-TW-4/52	101577	1

White door with lock

VT11705



1	BCZ-A-TWS-1/13	101578	1
2	BCZ-A-TWS-2/26	101579	1
3	BCZ-A-TWS-3/39	101580	1
4	BCZ-A-TWS-4/52	101581	1

Rear wall

VT2900



1	BCZ-CS-PF-1/13	294890	1/10
2	BCZ-CS-PF-2/26	294891	1/10
3	BCZ-CS-PF-3/39	294892	1/10
4	BCZ-CS-PF-4/52	294893	1/10

Description

Type
Designation

Article No.

Units per
package**Terminal Supports with Terminal Blocks**

wa_vt52313



Terminal support KL4 with 1x KLV-KL-4	BCZ-CS-BO-KL4	294909	1
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Terminal Support, Empty

wa_vt52113



Terminal support single stage	BCZ-CS-BO	294905	1
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wa_vt07413



Terminal support double stage	BCZ-A-KLT	101590	1
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Terminal Support Cover**For terminal support BCZ-CS-BO**

wa_vt79813



transparent	BCZ-CS-BO-T	103139	1
green	BCZ-CS-BO-V	294907	1
blue	BCZ-CS-BO-B	294908	1

For terminal support BCZ-CS-BO-KL4

wa_vt79713

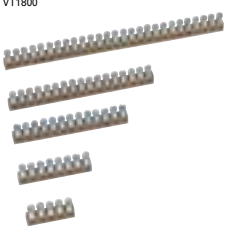
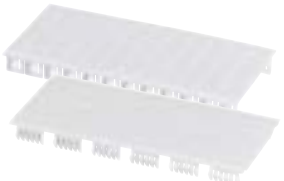


transparent	BCZ-CS-BO-KL4-T	103160	1
green	BCZ-CS-BO-KL4-V	103161	1
blue	BCZ-CS-BO-KL4-B	294911	1

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Compact Distribution Boxes

Surface-Mounted Compact Distribution Boxes BC-A-../.., Version G

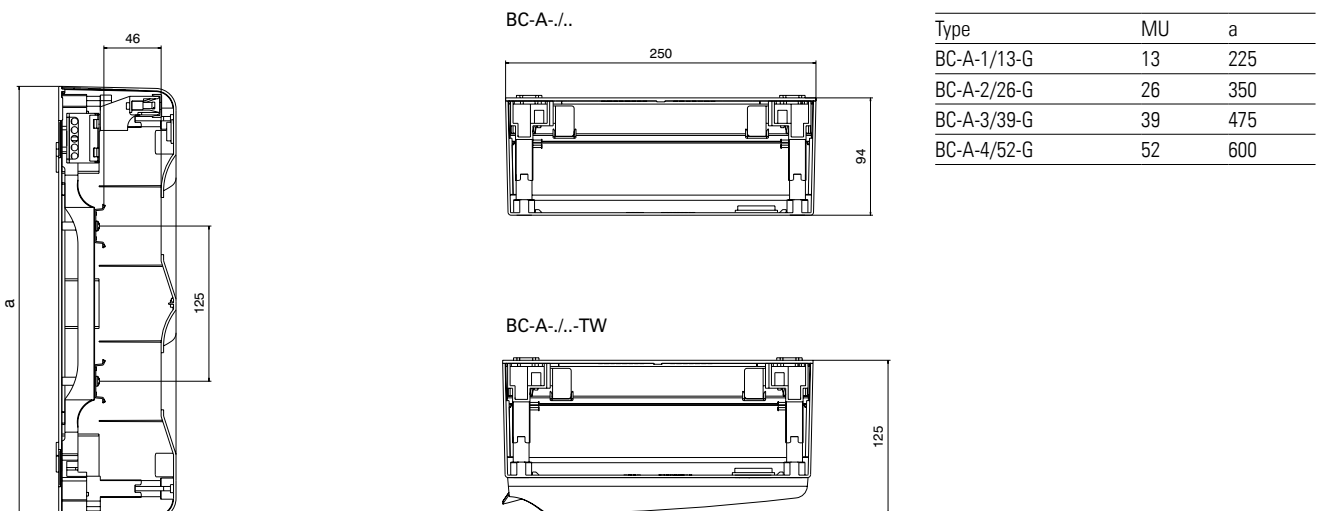
	Description	Type Designation	Article No.	Units per package
Terminal Blocks max. 63 A				
 VT1800	1x 25 mm ² + 3x 16 mm ²	KLV-KL-4	236841	1
	1x 25 mm ² + 6x 16 mm ²	KLV-KL-7	236842	1
	2x 25 mm ² + 9x 16 mm ²	KLV-KL-11	236843	1
	2x 25 mm ² + 13x 16 mm ²	KLV-KL-15	236844	1
	2x 25 mm ² + 23x 16 mm ²	KLV-KL-25	236845	1
Plug-In Terminals PE/N				
 VT12308	Clamping units 1x (6x 2.5-16 mm ² + 21x 1.5-4 mm ²)	BCZ-CS-BO-F1	116846	1
 VT12408	Clamping units 2x (6x 2.5-16 mm ² + 21x 1.5-4 mm ²)	BCZ-CS-BO-F2	116847	1
General accessories				
 wa_vt52513, Beschriftungsbg_1 BCZ-CS-CHP	Door hinge-set	BCZ-CS-CHP	294914	1
	Sheet of marking labels	KLV-BSB-G	279269	1
	Inscription strip	LAB-BAR_CSO	107885	10
	Enclosure leaves for the inscription strips	LAB-TAPE_A4_BLANK	107952	10
	Fastening screw-set for cover	BCZ-A-BFS-H	101591	1
 wa_vt14413, VT19405 LAB-BAR_CSO				
 BCZ-A-BFS-H				
Blanking Strip BS-...-WH				
For all Eaton distribution bords				
 wa_vt10414, wa_vt10714	Blanking strip, white, fine-ribbed, 12 MU	BS-12MF-WH	178975	10/100
	Blanking strip, grey, fine-ribbed, 12 MU	BS-12MF-GY	178980	10/100
	Blanking strip, white, fine-ribbed, 6 MU	BS-6MF-WH	178976	10/100
	Blanking strip, white, rough-ribbed, 12 MU	BS-12MB-WH	178977	10/100
	Blanking strip, grey, rough-ribbed, 12 MU	BS-12MB-GY	178979	10/100
	Blanking strip, white, rough-ribbed, 6 MU	BS-6MB-WH	178978	10/100

Description Surface-mounted Compact Distribution Boxes BC-A-../.., Version G

- **Protection class II:**
Only in combination with rear wall (BCZ-CS-PF) and blanking strip (BC-...)
- **Enclosure:**
Plastic enclosure with detachable rear wall, white (RAL 9010)
- **Device support:**
Device support as base element, with detachable support rails; large space behind the device support rails permits efficient working and saving time; line entrance from above, below and from the side
- **Door:**
Hinged to the left or to the right, white plastic

Technical Data

BC-A...-G		
Electrical		
Design according to	IEC/EN 62208	
Degree of protection	IP40 (IK07) with Door IP30 (IK07) without Door	
Protection class	II with plastic Rear wall	
Rated voltage	400 V AC, 50 Hz	
Suitable for network structures	TN, TT and IT	
Maximum power loss for all devices integrated in the distribution box at an ambient temperature of 35 °C:		
1 row	27 W	
2 row	37 W	
3 row	47 W	
4 row	57 W	
Mechanical		
Material		
Cover plate	PS (white RAL9010)	
Device support	PS	
Rear wall	PS	
Terminal support	PPO	
Door	PC (white RAL9010)	
Distance between DIN rails	125 mm	
N/PE-terminals	N [mm²]	PE [mm²]
1 row	2x 25 + 9x 16	2x 25 + 13x 16
2 row	(1x 25 + 3x 16) + (2x 25 + 13x 16)	2x 25 + 13x 16
3 row	(1x 25 + 3x 16) + (2x 25 + 23x 16)	2x 25 + 23x 16
4 row	(1x 25 + 3x 16) + (2x 25 + 23x 16)	2x 25 + 23x 16

Dimensions (mm)

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