

Distribution board pocket guide 2000

Wall and free-standing cabinets
Distribution sections/EDF-combination set
Accessories



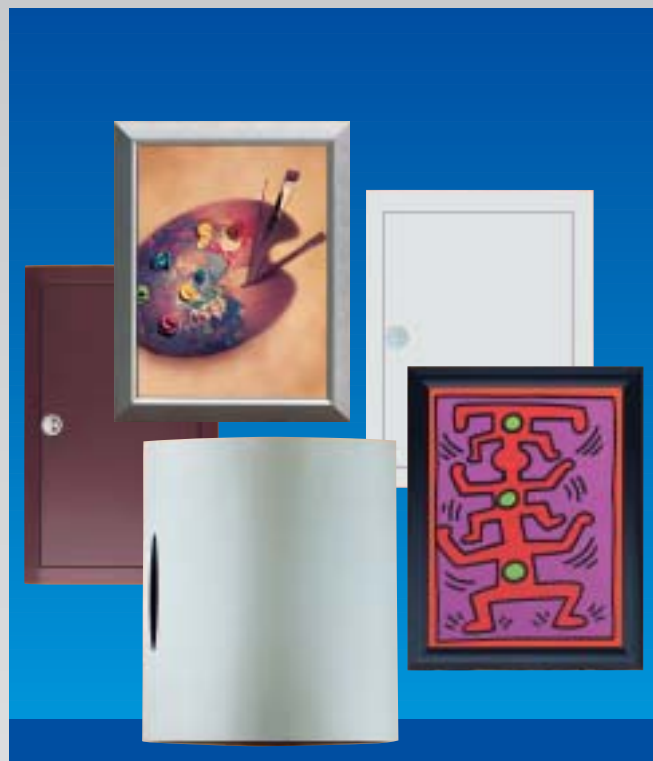
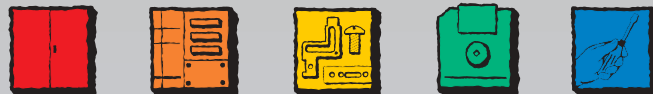
Reg.Nr. 3685-02

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Distribution boards
Consumer units, meter mounting boards
Accessories



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Consumer units – Series UK 500

- In 63 A.
- Consumer units DIN VDE 0603 with protection IP30
- Available in 1 to 4-row design as flush-mounting consumer unit – or with upgrading hollow-wall set UZ 90 as hollow-wall consumer unit.



UK 500 flush consumer unit

IP 30  

Applicable standards: VDE 0603, DIN 43871
Flush consumer unit consisting of: wall box, device mounting frame, covering, trim frame with sheet steel door, labelling system, N- and PE terminal bars and NFI according to VBG 4.
▽ With hollow wall set UZ 90.

- Wall box of break-proof plastic with integrated cable-sectioned strain relief rail. Material according to UL94-V2.
- Device supports with 7,5 x 35 mm DIN rail according to DIN 50022.
- Device cover with 45 mm slot for devices.
- Easily removable trim frame with door and means for horizontal adjustment.
- With combined N and PE terminal bars after NFI according to VBG 4.

UK 500 B flush consumer unit

IP 30  

Applicable standards: VDE 0603, DIN 43871;
Basic type consisting of: wall box, device mounting frame, converting, labelling system, combined N and PE terminal bars and NFI according to VBG 4. Should you desire another variant instead of the steel door, just order the basic type plus the door of your choice. This design meets the requirements of installation requirement VDE 0100/729. ▽ With hollow wall set UZ 90.

PLE 12 (14) Space units		Type	UK 510	UK 510 B
		HxWxD (mm)	335 x 350 x 95 niche dimensions	335 x 350 x 95 niche dimensions
		HxWxD (mm) Weight (kg)	308 x 327 x 88 wall cutout dimensions 2,2	308 x 327 x 88 wall cutout dimensions 1,2
PLE 24 (28) Space units		Type	UK 520	UK 520 B
		HxWxD (mm)	460 x 350 x 95 niche dimensions	460 x 350 x 95 niche dimensions
		HxWxD (mm) Weight (kg)	433 x 327 x 88 wall cutout dimensions 3,4	433 x 327 x 88 wall cutout dimensions 1,7
PLE 36 (42) Space units		Type	UK 530	UK 530 B
		HxWxD (mm)	585 x 350 x 95 niche dimensions	585 x 350 x 95 niche dimensions
		HxWxD (mm) Weight (kg)	558 x 327 x 88 wall cutout dimensions 4,0	558 x 327 x 88 wall cutout dimensions 2,2
PLE 48 (56) Space units		Type	UK 540	UK 540 B
		HxWxD (mm)	710 x 350 x 95 niche dimensions	710 x 350 x 95 niche dimensions
		HxWxD (mm) Weight (kg)	683 x 327 x 88 wall cutout dimensions 4,9	683 x 327 x 88 wall cutout dimensions 2,7

All consumer units prepared for hollow wall assembly

e.g. UK 520 + UZ 90 = hollow wall consumer unit ▽

Hollow wall set Type UZ 90 **DM 16,80**



Accessories

	suitable for	Type		suitable for	Type
Trim frame with door (standard) colour alpine white, RAL 9003	UK 510 (B)	BL 510	addition line Change frame door white	-	-
	UK 520 (B)	BL 520		UK 520 (B)	BL 520 D
	UK 530 (B)	BL 530		UK 530 (B)	BL 530 D
	UK 540 (B)	BL 540		-	-
color line Trim frame with door bordeaux red, metallic	UK 510 (B)	BL 513 D	art line (Design door made of stainless steel)	-	-
	UK 520 (B)	BL 523 D		UK 520 (B)	BL 522 D
	UK 530 (B)	BL 533 D		UK 530 (B)	BL 532 D
	UK 540 (B)	BL 543 D		-	-
Other RAL colours available on request.					
color line Trim frame with door anthracite, metallic	UK 510 (B)	BL 514 D	Transparent door	UK 510 (B)	BL 510 T
	UK 520 (B)	BL 524 D		UK 520 (B)	BL 520 T
	UK 530 (B)	BL 534 D		UK 530 (B)	BL 530 T
	UK 540 (B)	BL 544 D		UK 540 (B)	BL 540 T
color line Trim frame with door midnight blue, metallic	UK 510 (B)	BL 515 D	Front plate panel IP 30	UK 510 (B)	FPT 510
	UK 520 (B)	BL 525 D		UK 520 (B)	FPT 520
	UK 530 (B)	BL 535 D		UK 530 (B)	FPT 530
	UK 540 (B)	BL 545 D		-	-
On request: printed and wired to your requirements.					
addition line Change frame door brushed aluminium	-	-	Safety lock with 2 keys	-	UZ 1
	UK 520 (B)	BL 521 D		-	-
	UK 530 (B)	BL 531 D			
Other change frame doors available on request.					
addition line Change frame door topaz	-	-	Covering strips	-	ZA 3
	UK 520 (B)	BL 526 D		-	-
	UK 530 (B)	BL 536 D	Cable band clips for hollow wall consumer units	-	ZA 96
	-	-		-	-
			Lettering system	-	UZ 3

Further information on Series UK 500 can be obtained from our special prospectus, please request this separately!



Hood-type distribution boards/surface

- Surface distribution board with back wall
- To DIN 43871 and VDE 0603
- Large cabling space
- With N- and PE-bar
- Labelling system
- Retrofit door
- Bar spacing 125 mm
- Colour: RAL 9016



A-hood-type distribution door Transparent door Section door

IP 30  

Geltende Normen: VDE 0603, DIN 43871

MOD 12 Modules		Type	A 310 E	A 360 E	A 368 E
		HxBxT (mm)	245 x 295 x 110		
		Weight (kg)	0,94		
MOD 24 Modules		Type	A 320 E	A 361 E	A 369 E
		HxBxT (mm)	385 x 295 x 110		
		Weight (kg)	1,45		
MOD 36 Modules		Type	A 330 E	A 362 E	A 370 E
		HxBxT (mm)	510 x 295 x 110		
		Weight (kg)	1,86		
MOD 48 Modules		Type	A 340 E	A 363 E	A 371 E
		HxBxT (mm)	635 x 295 x 110		
		Weight (kg)	2,30		

Accessories



N terminal
Type ZK 322

PE terminal
Type ZK 321



Caable strain relief comb with cable binders
Type ZA 300

AN-hood-type distribution board without doors

IP 30 

Compliance: VDE 0603, DIN 43871

- Colour: RAL 9010
- Hood-type distribution board surface-mounting with back wall
- With N- and PE-Schiene

MOD 5 05 SE Modules x 150 x 70		Type	AN	MOD 8 Modules x 70	Type	AN 08 SE
		HxBxT (mm)	135		HxBxT (mm)	135 x 204
					Weight (kg)	0,44



Combinable distribution boards

Basic enclosure

IP 30 

Compliance: VDE 0603, DIN 43871;
row distance: 150 mm; colour RAL 9002; basic enclosure with slide cover on top and bottom; please order N and PE rails separately

Combinable enclosure

IP 30 

Compliance: VDE 0603, DIN 43871;
row distance: 150 mm; colour RAL 9002; combinable enclosure with linking pieces; please order N and PE rails separately

MOD 12 Modules		Type	AI 10 NE	AI 11 NE
		HxBxT (mm)	240 x 250 x 95	155 x 250 x 95
		Weight (kg)	0,890	0,480

Accessories

Item	Type	Item	Type
N- and PE-bar mounted on carries each 3 x 16 qmm + 10 x 10 qmm	ZK 130 E	N- and PE-bar mounted on carries each 5 x 16 qmm + 20 x 10 qmm	ZK 132 E
N- and PE-bar mounted on carries each 3 x 16 qmm + 16 x 10 qmm	ZK 131 E	Lock for locking a flap 	ZA 50 E



Distribution boards I_N 125 A

- I_N 125 A
- Degrees of protection indicated for individual types
- The installed distribution panels can be withdrawn for equipping and wiring
- The covers of U- and AT- distribution boards are made of fibre-glass-reinforced self-extinguishing polyester with high resistance against deformation
- Panels without application
- 125 mm or 150 mm row spacing
- N/PE-terminal bars are installed
- Doors and housing of 1 mm sheet steel
- Colour: RAL 9016
- from 3 fields' width on: double-wing doors

Flush-mounting with door

IP 31

Wall-mounting with door

IP 43

125 mm distance between rows

2-row 2 RE			
48 modules			AT 22 E 374 x 574 x 140 external dimensions
3-row 3 RE			
72 modules		Type HxWxD (mm)	U 32 E 550 x 575 x 120 niche dimensions 534 x 560 x 120 wall cut-out dimensions
4-row 4 RE			
48 modules		Type HxWxD (mm)	U 41 E 700 x 325 x 120 niche dimensions 684 x 310 x 120 wall cut-out dimensions
96 modules		Type HxWxD (mm)	U 42 E 700 x 575 x 120 niche dimensions 684 x 560 x 120 wall cut-out dimensions
144 modules		Type HxWxD (mm)	U 43 E 700 x 825 x 120 niche dimensions 684 x 810 x 120 wall cut-out dimensions
5-row 5 RE			
60 modules		Type HxWxD (mm)	U 51 E 850 x 325 x 120 niche dimensions 834 x 310 x 120 wall cut-out dimensions
120 modules		Type HxWxD (mm)	U 52 E 850 x 575 x 120 niche dimensions 834 x 560 x 120 wall cut-out dimensions
180 modules		Type HxWxD (mm)	U 53 E 850 x 825 x 120 niche dimensions 834 x 810 x 120 wall cut-out dimensions
240 modules		Type HxWxD (mm)	U 54 E 850 x 1075 x 120 niche dimensions 834 x 1060 x 120 wall cut-out dimensions
6-row 6 RE			
72 modules		Type HxWxD (mm)	U 61 E 1000 x 325 x 120 niche dimensions 984 x 310 x 120 wall cut-out dimensions
144 modules		Type HxWxD (mm)	U 62 E 1000 x 575 x 120 niche dimensions 984 x 560 x 120 wall cut-out dimensions
216 modules		Type HxWxD (mm)	U 63 E 1000 x 825 x 120 niche dimensions 984 x 810 x 120 wall cut-out dimensions

Flush-mounting with door

IP 31

Wall-mounting with door

IP 43

150 mm distance between rows

2-row 2RE			
48 modules		Type HxWxD (mm)	U 32 R2 550 x 575 x 120 niche dimensions 534 x 560 x 120 wall cut-out dimensions
3-row 3 RE			
36 modules		Type HxWxD (mm)	U 41 R3 700 x 325 x 120 niche dimensions 684 x 310 x 120 wall cut-out dimensions
72 modules		Type HxWxD (mm)	U 42 R3 700 x 575 x 120 niche dimensions 684 x 560 x 120 wall cut-out dimensions
108 modules		Type HxWxD (mm)	U 43 R3 700 x 825 x 120 niche dimensions 684 x 810 x 120 wall cut-out dimensions
4-row 4 RE			
48 modules		Type HxWxD (mm)	U 51 R4 850 x 325 x 120 niche dimensions 834 x 310 x 120 wall cut-out dimensions
96 modules		Type HxWxD (mm)	U 52 R4 850 x 575 x 120 niche dimensions 834 x 560 x 120 wall cut-out dimensions
144 modules		Type HxWxD (mm)	U 53 R4 850 x 825 x 120 niche dimensions 834 x 810 x 120 wall cut-out dimensions
192 modules		Type HxWxD (mm)	U 54 R4 850 x 1075 x 120 niche dimensions 834 x 1060 x 120 wall cut-out dimensions
5-row 5RE			
60 modules		Type HxWxD (mm)	U 61 R5 1000 x 325 x 120 niche dimensions 984 x 310 x 120 wall cut-out dimensions
120 modules		Type HxWxD (mm)	U 62 R5 1000 x 575 x 120 niche dimensions 984 x 560 x 120 wall cut-out dimensions
180 modules		Type HxWxD (mm)	U 63 R5 1000 x 825 x 120 niche dimensions 984 x 810 x 120 wall cut-out dimensions
6 row 6 RE			
144 modules		Type HxWxD (mm)	U 72 R6 1150 x 575 x 120 niche dimensions 1134 x 560 x 120 wall cut-out dimensions
216 modules		Type HxWxD (mm)	U 73 R6 1150 x 825 x 120 niche dimension 1134 x 810 x 120 wall cut-out dimensions
U Flush-mounting with door			
Trim frame IP 31 brushed aluminium	Type HxWxD (mm)	U 42 D 700 x 575 x 120 niche dimensions 684 x 560 x 120 wall cut-out dimensions	
Control Panel IP31 not printet, not wired with insert, Without cover and N/PE rail	Type HxWxD (mm)	U 42 FPT 700 x 575 x 120 niche dimensions 684 x 560 x 120 wall cut-out dimensions	
Cavit wall-mounting set for upgrading a flush-mounting distribution board	Type ZKV 200		

Accessories for wall cabinets for distribution sections

Item	Type
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A-, U-cabinets

1 set connecting kit for AP cabinets

Insulating frame
for NF cabinets to ensure total insulation when assembling cabinets (included when busbar connectors are supplied)

A-cabinet

Outer mounting

1 set = 2 pieces

A-, B- and U-cabinets

Turn locks

for retrofitting
for overall height 0
for overall height 1
for overall height 2
for overall height 3
for overall height 4
for overall height 5

Lock parts

Safety cylinder with 2 keys

Cabinet handle lock

for half cylinder, sealable, complete with accessories for retrofitting in A, B and U cabinets and consumer units. A second hole must be cut out for this. Template provided.

C-, FS- and G-cabinets

Flanges

Note: always order flange in addition! There is one flange cut-out per section width on the top of the cabinet. On side and bottom, cut-outs are prepunched.

Flange for threaded conduit joints

1 x PG 42 / 2 x PG 21

Flange for threaded conduit joints

2 x PG 29 / 4 x PG 16 /
3 x PG 13,5 / 2 x PG 11

Diaphragm flange

for cables of all types

Spare lock parts

FS-, G-, C-, WS- and W-wall and free-standing cabinets

Key plate

for double bit key lock insert
3 mm (standard) and 5 mm

Lock insert

double bit key 3 mm
double bit key 5 mm

Key plate

for lock inserts for triangular and square keys as well as for Daimler-Benz insert

Lock inserts

Lock insert for triangular key 7 mm
Lock insert for triangular key 8 mm
Lock insert for triangular key 6 mm
Lock insert for triangular key 7 mm
Lock insert for triangular key 8 mm

Daimler-Benz lock insert

Key

Double bit 3 mm
Double bit 5 mm

Lock insert for triangular key 6 mm
Lock insert for triangular key 7 mm
Lock insert for triangular key 8 mm

Universal key

Double bit 3 mm/5 mm,
lock insert for triangular key 8 mm,
lock insert for square key 6 mm/8 mm

Item	Type
Key plate for T-handle or latch handle	ZH 122 E
T-handle without lock, complete with lock, complete	ZH 138 E ZH 139 E
Latch handle without lock, complete with lock, complete	ZH 140 E ZH 141 E ZH 123 E
Sealable handle lock for half cylinder, 45 mm, with sealable rosette and fitting template	
Dummy plate (instead of a lock cylinder)	ZH 142 E

Accessories for free-standing cabinets

C-, FS- and G-cabinets

Note: always order flange in addition! There is one flange cut-out per section width on the top of the cabinet (top and bottom in C cabinet). On side and bottom, cut-outs are prepunched.

Flange for threaded conduit joints

1 x PG 42, 2 x PG 21

Flange for threaded conduit joints

2 x PG 29/4 x PG 16/3 x PG 13,5/2 x PG 11

Diaphragm flange

for cables of all types

FS- and G-cabinets

Busbar connectors

(with insulating frame)
for FS-cabinets, cabinet/cabinet

1 set 4-pole, 250 A
1 set 5-pole, 250 A

1 set 4-pole, 355 A
1 set 5-pole, 355 A

Mounting Set

for installing meter sections
per panel (250 mm)
1 x ZB 15 additional order

N- and PE-bar

with mounting, for free-standing FS-cabinet
each with 23 x 10 + 4 x 16 qmm

N- and PE-bar

with mounting, for free-standing G-cabinet
each with 23 x 10 + 4 x 16 qmm

C-cabinets

N- and PE-bar with mounting,

each with 23 x 10 + 4 x 16 qmm

W- and WS-cabinets

Flanges per section width, order 1 flange
each for top and bottom

Sealing flange

Nipple flange

2 x PG 29, 5 x PG 16, 42 x PG 13,5

Flange for threaded conduit joints

4 x PG 21, 12 x PG 13,5

Cellular rubber flange

Busbar connector

only for W- and WS-wall cabinets, cabinet-cabinet

1 set 4-pole, 250 A
1 set 5-pole, 250 A

1 set 4-pole, 355 A
1 set 5-pole, 355 A

Finger guard

only for WS-cabinets
Meter section single bank
Meter section double bank



EDF-mounting system

Item	Type
Assembly parts for EDF mounting rails	
Section connectors (pair) for any combination of distribution sections or EDF mounting rails	ED 30 E
Drop connectors (pair) to equalize lower mounting levels for busbars and sections	ED 31 E
Drop brackets (pair) to equalize the lower mounting level with the standard fixing level of distribution sections at top or bottom fixing.	ED 32 E
Cover position Cover holder 52.5 mm high for fixing (insert, twist) on all three rails of the EDF quick-assembly system as well as for snapping on a partition (see below). For DIN rails 32 x 15 mm, only use these cover holders.	ED 38 E
Cover holder 88 mm high (as described above). Used when installing devices with larger parts or for busbar systems. Can also be used for fitting a partition. For DIN rails 32 x 15 mm, only use these cover holders.	ED 39 E
Low level bracket (pair) infinitely adjustable (e.g. for mounting plates).	ED 33 E
Mounting plates	
sheet steel 2 mm with punching on the sides: 1 section width: Mounting plate 250,0 x 246 mm Mounting plate 312,5 x 246 mm Mounting plate 462,5 x 246 mm	ZX 112 E ZX 113 E ZX 114 E
2 section width: Mounting plate 250,0 x 496 mm Mounting plate 312,5 x 496 mm Mounting plate 462,5 x 496 mm	ZX 122 E ZX 123 E ZX 124 E
Cross rail for disconnector mounting with fixing screw for	
2 disconnectors size 00, 1 section width	ZX 31 E
4 disconnectors size 00, 1 section width	ZX 34 E
1 disconnectors size 1, 250 A, 1 section width	ZX 33 E
Partitions for distribution sections not arc-resistant Vertical partitions for fitting left or right Overall height 00 Overall height 0 Overall height 1 Overall height 2 Overall height 3 Overall height 4 Overall height 5	ZX 69 E ZX 70 E ZX 71 E ZX 72 E ZX 73 E ZX 74 E ZX 75 E
Horizontal partition inserted between the cover holders 1 section width 2 section width	ZX 86 E ZX 87 E
Accessory carrier connector for connecting accessory carriers side by side, 1 set = 2 pcs.	ZX 66 E



HRC-fuse switch disconnectors

Item	Type
HRC disconnectors for mounting on disconnector cross rail HRC 00 switch disconnector 125 A also for mounting in consumer unit HRC 00 switch disconnector 160 A HRC 00 switch disconnector 125 A with clamp terminal up to 50 mm²	ZH 11 E ZH 18 E ZH 40 E
HRC 00 switch disconnector for mounting on busbars 250 A or 355 A HRC 00 switch disconnector 125 A with individual outgoing feeders HRC 00 switch disconnector 160 A with individual outgoing feeders HRC 00 switch disconnector 125 A with triple outgoing feeders per pole up to 16 mm²	ZH 27 E ZH 28 E ZH 26 E
Special HRC 00 switch disconnector 125 A with raised adapters for modules XG 250 And XG 350	ZH 22 E
Surrounds for disconnectors Single surround for 1 disconnector, HRC 00 Double surround for 1 disconnector, HRC 00 Triple surround for 1 disconnector, HRC 00	ZH 13 E ZH 15 E ZH 44 E
HRC disconnector for mounting on disconnector cross rail HRC 1 switch disconnector 250 A, HRC 1 switch disconnector 250 A for mounting on busbars 255 A or 355 A with surround	ZH 8 E ZH 19 E
Special HRC 1 switch disconnector 250 A with raised adapters for modules XG 250 and XG 351 with trim frame	ZH 2 E
HRC 2 switch disconnector 400 A without surround Single trim frame for 1 disconnector HRC 2 Double trim frame for 2 disconnectors, HRC 2	ZH 45 E ZH 46 E ZH 47 E
Blanking plates for switch disconnector cut-outs in standard section covers for 1 disconnector cut-out HRC 00 for double cut-out HRC 00 for triple cut-out HRC 1, 250 A	ZH 16 E ZH 17 E ZH 9 E
Busbar system CU 20 x 5 for connecting 2 HRC switch disconnectors ZH 11 and ZH 18	ZH 214 E
Busbar system Cu 20 x 4 for connecting 4 HRC switch disconnectors ZH 11 and ZH 18 with incoming cable 35 mm²	ZH 55 E
Busbar system as above, but for 8 disconnectors without incoming cable for disconnectors ZH 11 and ZH 18	ZH 212 E
PEN-rails for fixing behind disconnector cross rail for HRC disconnectors size 00 including mounting kit CU 20 x 4 mm	ZH 53 E
PEN-rail , as above, for HRC 1 disconnectors, CU 20 x 4 mm	ZH 54 E
Blanking strips Colour RAL 7035 for 12 modules, snap-off footage (per metre) for 12 modules, interlockable for 12 modules, for snap-off colour RAL 9010	ZA 1 E ZA 2 E ZA 100 E ZA 3 E
Circuit diagram pocket DIN A4 self-adhesive, with transparent sleeve	ZA 6 E
Circuit diagram pocket DIN A4 self-adhesive	ZA 13 E
Circuit diagram pocket DIN A5 self-adhesive	ZA 5 E



Distribution sections

- For installation in all modular cabinets.

Compliance:

VDE 0603, DIN 43870, 43880

- Without N- and PE-bars. These must be ordered separately.

- Please note for disconnector boards T:

Disconnector boards are ready for the installation of HRC disconnectors and HRC switch disconnectors size 00, make Jung, Elen and Jean Müller. Use surrounds to fit these. Type 3 (e.g. T 43) disconnector boards are ready for installation of HRC disconnectors, size 1 250 A, type ZH 8.

Partition walls

non-arc-resistant.
Distribution section to meter section or distribution section to distribution section.



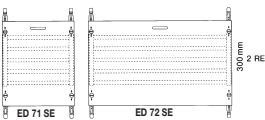
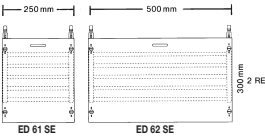
Overall height	Height unit																	
00	3 RE	36	72	48	72	36	72	36	72	36	36	72	36	72	36		36	
Type	1 V 00 E	2 V 00 E	1 V 002 E	2 V 002 E	1 V 003 E	2 V 003 E	1 V 004 E	2 V 004 E	2 V 005 E	1 M 00 E	2 M 00 E	1 B 00 E	2 B 00 E	1 T 002 E			1 T 003 E	ZX 69 E
450 mm																		
0	4 RE	48	96	48	96	48	96			48	96	48	96	48	48	96	48	
Type	1 V 0 E	2 V 0 E	1 V 02 E	2 V 02 E	1 V 0 KE	2 V 0 KE				1 M 0 E	2 M 0 E	1 B 0 E	2 B 0 E	1 T 02 E	1 T 0 E	2 T 0 E	1 T 03 E	ZX 70 E
600 mm																		
1	5 RE	60	120			60	120			60	120	60	120	60	48	120	60	
Type	1 V 1 E	2 V 1 E			1 V 1 KE	2 V 1 KE				1 M 1 E	2 M 1 E	1 B 1 E	2 B 1 E	1 T 12 E	1 T 1 E	2 T 1 E	1 T 13 E	ZX 71 E
750 mm																		
2	6 RE	72	144	72	144	72	144	72	144	72	144	72	144	72	72	144	72	
Type	1 V 2 E	2 V 2 E	1 V 23 E	2 V 23 E	1 V 2 KE	2 V 2 KE	1 V 23 KE	2 V 23 KE		1 M 2 E	2 M 2 E	1 B 2 E	2 B 2 E	1 T 22 E	1 T 2 E	2 T 2 E	1 T 23 E	ZX 72 E
900 mm																		
3	7 RE	84	164			84	168			84	168	84	168	84	84	168	84	
Type	1 V 3 E	2 V 3 E			1 V 3 KE	2 V 3 KE				1 M 3 E	2 M 3 E	1 B 3 E	2 B 3 E	1 T 32 E	1 T 3 E	2 T 3 E	1 T 33 E	ZX 73 E
1060 mm																		
4	8 RE	96	192			96	192	96	192	96	192	96	192	96	36	192	96	
Type	1 V 4 E	2 V 4 E			1 V 4 KE	2 V 4 KE	1 V 43 E	2 V 43 E		1 M 4 E	2 M 4 E	1 B 4 E	2 B 4 E	1 T 42 E	1 T 4 E	2 T 4 E	1 T 43 E	ZX 74 E
1200 mm																		
5	9 RE	108	216			108	216			108	216	108	216	108	108	216	108	
Type	1 V 5 E	2 V 5 E			1 V 5 KE	2 V 5 KE				1 M 5 E	2 M 5 E	1 B 5 E	2 B 5 E	1 T 52 E	1 T 5 E	2 T 5 E	1 T 53 E	ZX 75 E
1350 mm																		



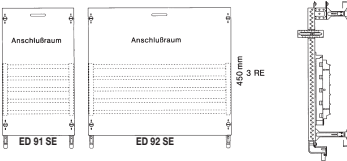
Combination sets

The combination set simplifies storage and offers the builder of distribution and control sections a not yet known number of combinations. The combination set in 1 and 2 sections width is fitted and locked on top or bottom of the distribution section held in storage. Immediately you have a new combination of sections.

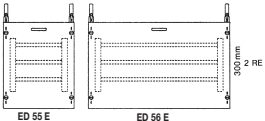
with busbar system 5 x 250 A



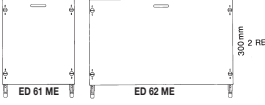
with busbar system 5 x 250 A and additional space for rails or wiring



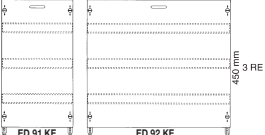
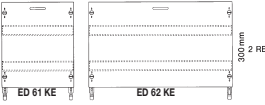
with busbar system 3 x 250 A



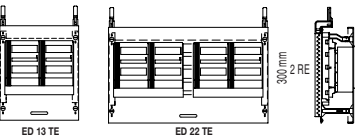
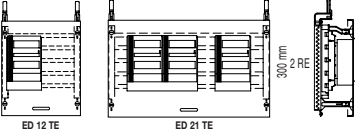
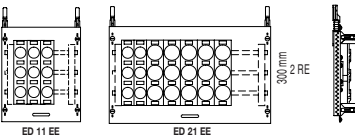
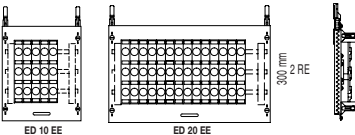
with mounting plate



with low-position terminal compartment



The combination sets are fitted with rail-mounting fuse elements or HRC 00 fuse switch disconnectors on a busbar system with 3 x 250 A or 5 x 250 A. The busbar spacing for combination sets with rail-mounting fuse socket is 60 mm (max. incoming terminal 35 mm) and for combination sets with fuse switch disconnectors, 40 mm (max. incoming terminal 95 mm). In the case of combination set ED13T or ED22T, combination set ED61S or ED62S must be fitted to the side in order to connect the incoming cable. Busbar connectors and terminals are to be ordered separately as accessories.



Accessories for combination sets

Busbar connector 3 x 250 A



ZK 110 E

Busbar connector 5 x 250 A



ZK 91 E

Busbar terminals

1 terminal
16 qmm for Cu 12 x 5



ZK 82 E

1 terminal
35 qmm for Cu 12 x 5



ZK 150 E

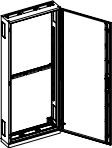
1 terminal
95 qmm for Cu 12 x 5



ZK 83 E

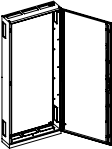
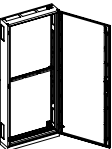
IP 54

Compliance:
VDE 0660 part 500,
VDE 0660 part 504



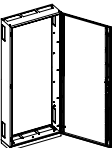
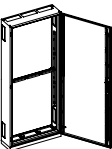
IP 54

Compliance:
VDE 0660 part 500,
VDE 0660 part 504



IP 54

Compliance:
VDE 0660 part 500,
VDE 0660 part 504



Free-standing cabinets for distribution sections Expansion up to 400 A

FS free-standing distribution boards, ready for installation of meter and distribution sections

- Housing/door of 1.5 mm sheet steel
- RAL 7035, powder coated
- Standard section mounting kit installed by factory
- One flange entry per section width
- The flange entries are open on top of terminal compartment, prepunched on bottom terminal compartment and at the sides
- One to three sections wide cabinets with single door
- Four and five sections wide cabinets with double door
- Doors with locking bar, double bit key 3 mm
- Flanges must be ordered separately
- Outer fixing plates available from factory
- Fitted by factory with 50 mm socket

Overall height	Height units	Sections	Modules	Type	Maße	HxWxD mm
8	12 RE					
		1	144	1/8FS E	1900 x	300 x 225
		2	288	2/8FS E	1900 x	550 x 225
		3	432	3/8FS E	1900 x	800 x 225
		4	576	4/8FS E	1900 x	1050 x 225
		5	720	5/8FS E	1900 x	1300 x 225

G free-standing distribution boards, with standard section mounting kit or mounting plate fitted

- Housing/door of 1.5 mm sheet steel
- RAL 7035, powder coated
- One flange entry per section width
- The flange entries are open on top of terminal compartment, prepunched on bottom terminal compartment and at the sides
- One to three sections wide cabinets with single door
- Four and five sections wide cabinets with double door
- Doors with locking bar, double bit key 3 mm
- Flanges must be ordered separately
- Outer fixing plates available from factory
- Fitted by factory with 50 mm socket

Overall height	Height units	Sections	Modules	Type	Size	HxWxD mm
8	12 RE					
		1	144	1/8G E	1900 x	300 x 225
		2	288	2/8G E	1900 x	550 x 225
		3	432	3/8G E	1900 x	800 x 225
		4	576	4/8G E	1900 x	1050 x 225
		5	720	5/8G E	1900 x	1300 x 225

Overall height	Height units	Sections	Modules	Type	Size	HxWxD mm
8	12 RE					
		1	144	1/81G E	1900 x	300 x 225
		2	288	2/81G E	1900 x	550 x 225
		3	432	3/81G E	1900 x	800 x 225
		4	576	4/81G E	1900 x	1050 x 225



Free-standing cabinets for distribution sections Expansion up to 630 A

C free-standing distribution boards, with standard section mounting kit or mounting plate fitted

- Housing/door of 1.5 mm sheet steel
- RAL 7035, powder coated
- One flange entry per section width
- The flange entries are open on top of terminal compartment, prepunched on bottom terminal compartment and at the sides
- One to three sections wide cabinets with single door
- Four and five sections wide cabinets with double door
- Doors with locking bar, double bit key 3 mm
- Flanges must be ordered separately
- Outer fixing plates available from factory
- Fitted by factory with 50 mm socket

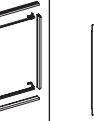
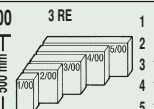
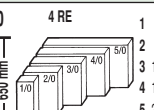
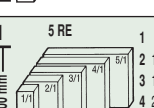
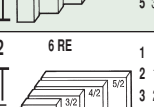
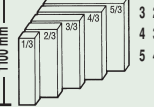
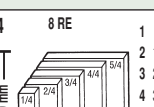
Overall height	Height units	Sections	Modules	Type	Size	HxWxD mm
8	12 RE					
		1	144	1/8C E	1900 x	300 x 260
		2	288	2/8C E	1900 x	550 x 260
		3	432	3/8C E	1900 x	800 x 260
		4	576	4/8C E	1900 x	1050 x 260
		5	720	5/8C E	1900 x	1300 x 260

Overall height	Height units	Sections	Modules	Type	Size	HxWxD mm
8	12 RE					
		1	144	1/81C E	1900 x	300 x 260
		2	288	2/81C E	1900 x	550 x 260
		3	432	3/81C E	1900 x	800 x 260
		4	576	4/81C E	1900 x	1050 x 260



Wall cabinets for building distribution boards, earthed

In G, C and W cabinets, the standard section mounting kit or a mounting plate must be ordered separately.

In G, C and W cabinets, the standard section mounting kit or a mounting plate must be ordered separately.				B-cabinet I _N 400 A IP 43  Compliance: VDE 0660 parts 500/504, DIN 43880, Colour: RAL 7035				G-cabinet I _N 400 A IP 54  Compliance: VDE 0660 parts 500/504, DIN 43880, Colour: RAL 7035, Flanges must be ordered separately				C-cabinet I _N 400 A IP 54  Compliance: VDE 0660 parts 500/504, DIN 43880, Colour: RAL 7032 Flanges must be ordered separately				W-cabinet I _N 400 A IP 55  Compliance: VDE 0660 Teil 500/504, DIN 43880, Colour: RAL 7032 Flanges must be ordered separately				B-, C-, G-cabinet: mounting plate 				G-cabinet: standard section installation kit 				C-cabinet: standard section installation kit 				W-cabinet: mounting plate 				W-cabinet: standard section installation kit 			
Ovfl. height	Height units	Sections	Mos.	Type	Ext. size H x W x D mm	Type	Ext. size H x W x D mm	Type	Ext. size H x W x D mm	Type	Ext. size H x W mm	Type	Type	Type	Type	Ext. size H x W mm	Type	Ext. size H x W mm	Type	Ext. size H x W mm																			
00		3 RE	1 36 2 72 3 108 4 144 5 180	1/00BE 2/00BE 3/00BE	500 x 300x215 500 x 550x215 500 x 800x215																																		
0		4 RE	1 48 2 96 3 144 4 192 5 240	1/0BE 2/0BE 3/0BE 4/0BE 5/0BE	650 x 300x215 650 x 550x215 650 x 800x215 650x1050x215 650x1300x215	2/0GE 3/0GE 4/0GE 5/0GE	650 x 550x225 650 x 800x225 650x1050x225 650x1300x225	2/0CE 3/0CE 4/0CE 5/0CE	650 x 550x260 650 x 800x260 650x1050x260 650x1300x260	GM 20 E GM 30 E GM 40 E GM 50 E	600 x 500 600 x 750 600 x 1000 600 x 1250	GB 20 E GB 30 E GB 40 E GB 50 E	CB 20 E CB 30 E CB 40 E CB 50 E																										
1		5 RE	1 60 2 120 3 180 4 240 5 300	1/1BE 2/1BE 3/1BE 4/1BE 5/1BE	800 x 300x215 800 x 550x215 800 x 800x215 800x1050x215 800x1300x215																																		
2		6 RE	1 72 2 144 3 216 4 288 5 360	1/2BE 2/2BE 3/2BE 4/2BE 5/2BE	950 x 300x215 950 x 550x215 950 x 800x215 950x1050x215 950x1300x215	1/2GE 2/2GE 3/2GE 4/2GE 5/2GE	950 x 300x225 950 x 550x225 950 x 800x225 950x1050x225 950x1300x225	2/2CE 3/2CE 4/2CE 5/2CE	950 x 550x260 950 x 800x260 950x1050x260 950x1300x260	GM 12 E GM 22 E GM 32 E GM 42 E GM 52 E	900 x 250 900 x 500 900 x 750 900 x 1000 900 x 1250	GB 12 E GB 22 E GB 32 E GB 42 E GB 52 E	CB 22 E CB 32 E CB 42 E CB 52 E	WM 22 E WM 32 E WM 42 E WM 52 E	867 x 495 867 x 745 867 x 995 867 x 1245	WB 22 E WB 32 E WB 42 E WB 52 E																							
3		7 RE	1 84 2 168 3 252 4 336 5 420	1/3BE 2/3BE 3/3BE 4/3BE 5/3BE	1100 x 300x215 1100 x 550x215 1100 x 800x215 1100x1050x215 1100x1300x215																																		
4		8 RE	1 96 2 192 3 288 4 384 5 480	1/4BE 2/4BE 3/4BE 4/4BE 5/4BE	1250 x 300x215 1250 x 550x215 1250 x 800x215 1250x1050x215 1250x1300x215	2/4GE 3/4GE 4/4GE 5/4GE	1250 x 550x225 1250 x 800x225 1250x1050x225 1250x1300x225	2/4CE 3/4CE 4/4CE 5/4CE	1250 x 550x260 1250 x 800x260 1250x1050x260 1250x1300x260	GM 24 E GM 34 E GM 44 E GM 54 E	1200 x 500 1200 x 750 1200 x 1000 1200 x 1250	GB 24 E GB 34 E GB 44 E GB 54 E	CB 24 E CB 34 E CB 44 E CB 54 E	WM 24 E WM 34 E WM 44 E WM 54 E	1167 x 495 1167 x 745 1167 x 995 1167 x 1245	WB 24 E WB 34 E WB 44 E WB 54 E																							
5		9 RE	1 108 2 216 3 324 4 432 5 540	1/5BE 2/5BE 3/5BE 4/5BE 5/5BE	1400 x 300x215 1400 x 550x215 1400 x 800x215 1400x1050x215 1400x1300x215	2/5GE 3/5GE 4/5GE 5/5GE	1400 x 550x225 1400 x 800x225 1400x1050x225 1400x1300x225	2/5CE 3/5CE 4/5CE 5/5CE	1400 x 550x260 1400 x 800x260 1400x1050x260 1400x1300x260	GM 25 E GM 35 E GM 45 E GM 55 E	1350 x 500 1350 x 750 1350 x 1000 1350 x 1250	GB 25 E GB 35 E GB 45 E GB 55 E	CB 25 E CB 35 E CB 45 E CB 55 E																										



Flange for FS cabinets and other cabinet accessories for U, A and FS cabinets see back page



Distribution and meter sections with N and PE rails

With terminal compartment

Means of installing connecting terminals, cross wiring
control circuit terminals, switch or HRC back-up fuse

- For overall height 2 and 3: 4 x 250 A
- For overall height 4 and 5: 5 x 250 A
- For dual busbars 355 A
- Terminals are to be ordered separately

■ If for the FS free-standing cabinet a meter section is installed, the ED 16 brackets must be ordered separately in the appropriate quantities (**two per section width**).

Ready-to-use terminal compartment for HRC back-up fuses.
Accessory supports are available for the installation of switches
and control circuit terminals.
Please use the busbar connector to link busbar systems.
2 terminals are installed on PEN rails (16 mm2 per metre).

Accessories for meter sections/mounting boards

Type	Item	Type
Busbar terminals		
1 terminal 16 qmm for Cu 12 x 5		ZK 79 E
set = 4 terminals 16 qmm for Cu 12 x 5		ZK 80 E
1 terminal 16 qmm für Cu 12 x 10		ZK 87 E
set = 4 terminals 16 qmm for Cu 12 x 10		ZK 88 E
1 terminal 95 qmm for Cu 12 x 5		ZK 81 E
set = 4 terminals 95 qmm for Cu 12 x 5		ZK 82 E
1 terminal 1,5 - 50 qmm for Cu 12 x 5		ZK 150 E
1 terminal 95 qmm for Cu 12 x 5, 70 qmm for Cu 12 x 10		ZK 83 E
set = 4 terminals 95 qmm for Cu 12 x 5, 70 qmm for Cu 12 x 10		ZK 84 E
1 terminal 150 qmm for Cu 12 x 5 or 200 qmm for Cu 12 x 10 (undo bar to fit)		ZK 86 E
Busbar connector with cover		
section-section		
set 4-pole, 250 A		ZX 90 E
set 5-pole, 250 A		ZX 91 E
set 4-pole, 355 A		ZX 105 E
set 5-pole, 355 A		ZX 106 E
For A- and B-cabinets cabinet-cabinet		
set 4-pole, 250 A		ZX 92 E
set 5-pole, 250 A		ZX 93 E
set 4-pole, 355 A		ZX 107 E
set 5-pole, 355 A		ZX 108 E
Busbar connector		ZX 94 E
set 5-pole, 250 A		
For FS- and G-cabinets cabinet-cabinet		
set 4-pole, 250 A		ZW 185 E
set 5-pole, 250 A		ZW 186 E
set 4-pole, 355 A		ZW 187 E
set 5-pole, 355 A		ZW 188 E
Incoming terminal enclosure for A- and B-cabinets		EK 120 E
Supply cable terminal enclosure: Sealable, for fitting to A and B cabinets, for splicing onto incoming cable		
Suitable for cable up to 4 x 120 qmm with robust cable grip. Dimensions H x W x D 230 x 210 x 100 mm		
Connecting leads highly flexible, short-circuit-proof, from incoming terminal enclosure EK120 to busbar system		
		ZL 36 E
Connecting leads with busbar terminals and incoming terminal block		ZL 37 E
Complete kit 50 qmm		ZL 38 E
Complete kit 70 qmm		ZL 39 E
Complete kit 95 qmm		ZL 40 E
Incoming terminal enclosure		EK 130 E
Can be fitted to the side of the meter cabinet. The busbars of the EK 130 can be linked to the busbar system of the meter sections using the busbar connectors provided. Dimensions H x W x D 500 x 300 x 215 mm		
Incoming terminal enclosures for FS-, G- and C-cabinets		EK 140 E
Incoming terminal enclosure for cables up to max. 95 qmm Features: 1 cable gland (cables inserted from the front), 1 cable clamp bar Dimensions H x W x D 270 x 270 x 170 mm		
Incoming terminal enclosure for cables up to max. 120 qmm Features: 1 cable gland (cables inserted from the front), 2 self-sealing grommets PG 48 (at the side) 1 cable clamp bar Dimensions H x W x D 360 x 270 x 170 mm		
Incoming terminal enclosure for two cables up to max. 95 qmm Features: 1 cable gland (cables inserted from the front), 2 self-sealing grommets PG 48 (at the side), 2 cable clamp rails, 1 special terminal block for double connection with high-flexibility, short-circuit-proof connecting leads 4 x 95 mm ² and busbar terminals Dimensions H x W x D 360 x 270 x 170 mm		
Incoming terminal enclosure for cables up to max. 150 qmm Features: 1 cable gland (cables in- serted from the front), 2 self-sealing grommets PG 48 (at the side) 1 cable clamp bar, 1 busbar system 4 x 250 A with connector to busbar system of meter section. Dimensions H x W x D 540 x 270 x 170 mm		
Incoming terminal enclosure for cables up to max. 95 qmm Features: 2 cable glands (cables inserted from the front), 2 self-sealing grommets PG 48 (at the side), 2 cable clamp rails, 1 busbar system 4 x 250 A with connector to busbar system of meter section. Dimensions H x W x D 540 x 270 x 170 mm		