

Series UK 500 Consumer Units



Low Voltage Products



At Striebel & John, the Spirit of Innovation is a Tradition.

The basic design principles of the UK 500 Series are a result of many years of market experience together with our close ties with the electrical installation industry.

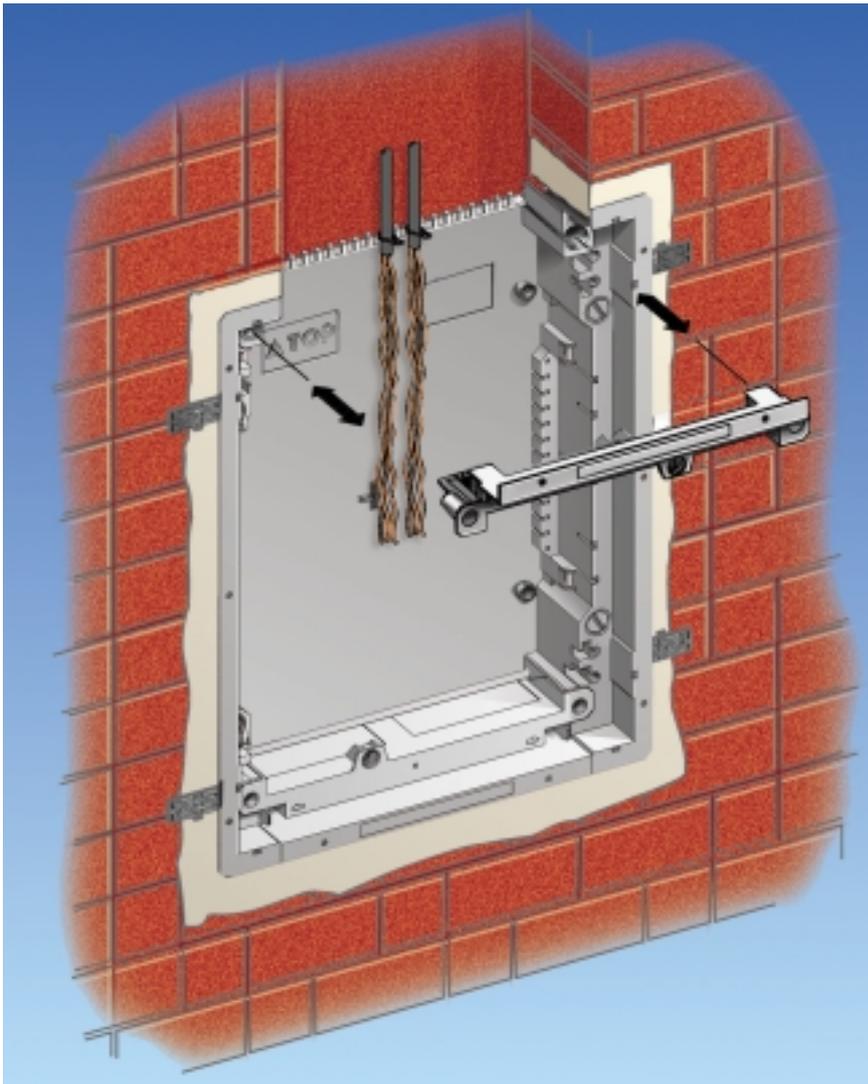
This, coupled with innovative design flair, makes up the UK 500 Series, providing the solutions which simply have never been available yet.

A product which is well thought-out and meets not only technical but also decorative and design requirements that well exceed everyday standards.

Harmony of engineering and design, highest quality right through to the tiniest detail, together with speed and flexibility of installation now go together to help make the installer even more competitive.

Beautiful lines, uncompromisingly designed around the requirements and wishes of today, and the alpine white standard unit with its ultra-modern design, open up a whole world of fresh possibilities for the installer in meeting rising customer expectations in terms of stylish, contemporary décor.

UK 500 Series Consumer Units – a Triumph of Engineering, Design and Installation.

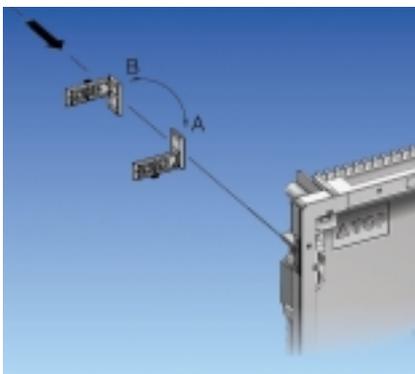


Installation – uncompromisingly simple, quick and well-thought-out.

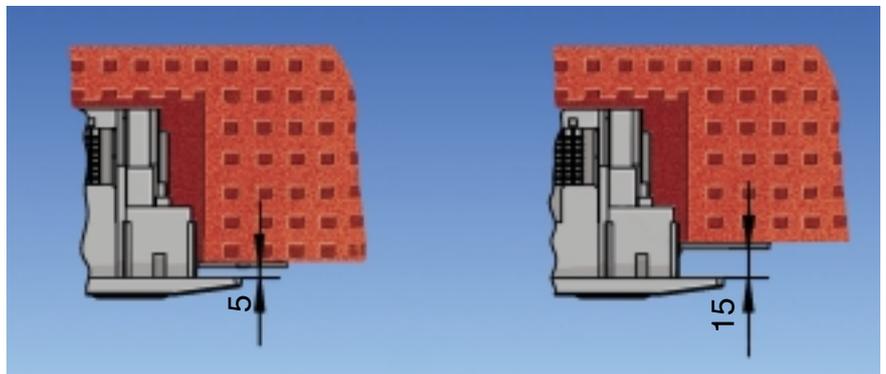
The wall grips, included as standard, have a dual purpose. On the one hand, they reduce depth of mounting by two further steps. On the other, they can be used as spacers where several consumer units are to be placed side by side.

The removable cable inlet allows easy insertion of input and output cables and uses a quick, hand-operated push-and-stay design. For added safety, both guide slides can be screwed tight when installation is complete.

Professional cable entry at the wall box. One-hand-only cable inlet operation.
Cable strain-relief comb.



Two insert depths – simply turn the wall grips.



Wall grips vary the flush mounting depth.

Simple Push-and-Stay Technology and all-round Ease of Installation.

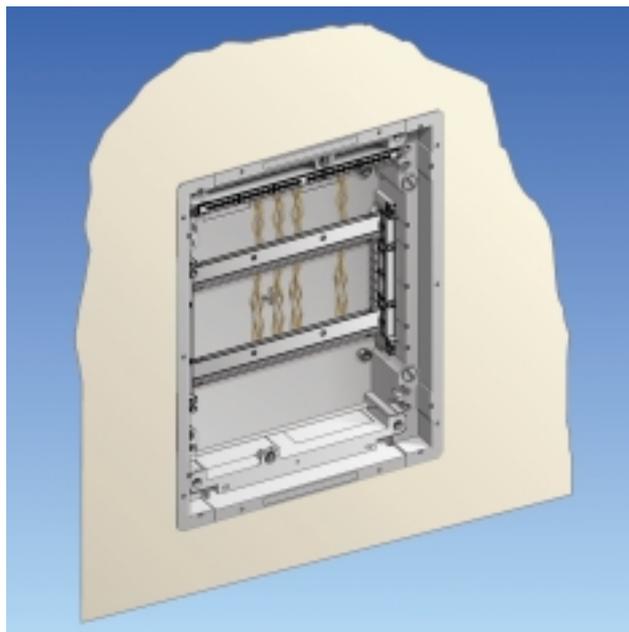
The wall box is non-warp, non-breakable and non-flammable. It offers a large wiring space. The strain-relief comb for neat cabling is an integral part of the wall box.

There are ample further pre-formed cable entry points on the sides and back of the wall box.

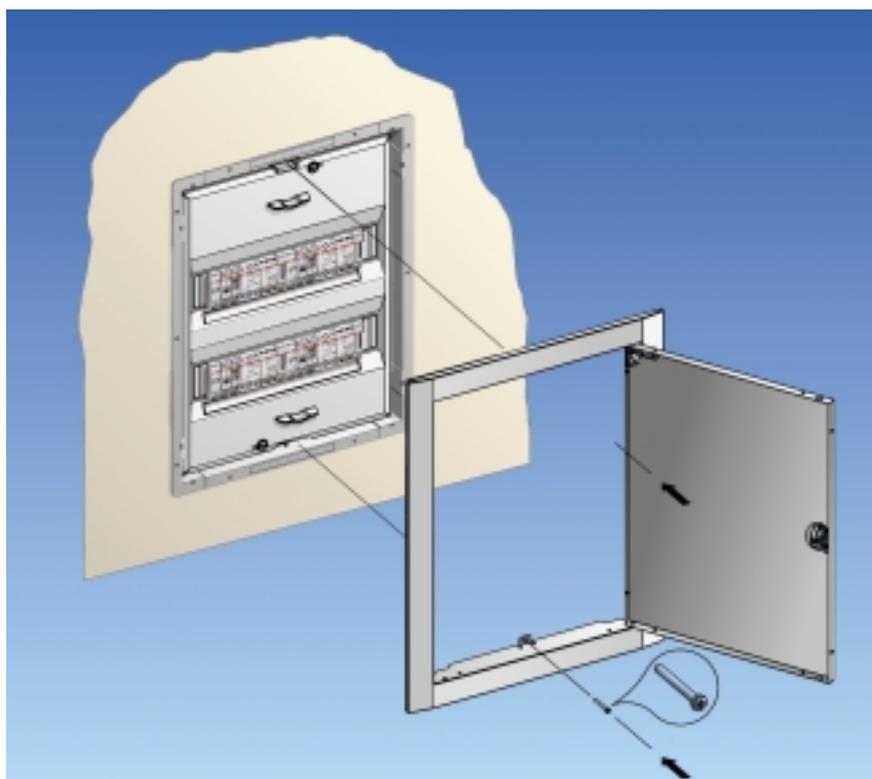
The device support can be inlicked and is installed quickly without tools. Here too, a variety of common installation techniques have been catered for – the device support can also be fixed in position using screws. The DIN rail is double-insulated as standard in all variants.

The N/PE terminals and the N-RCD terminal (included with the unit) are of the plug-in variety. If required, the N-RCD terminal can also be attached to the DIN rail and will not twist. All clips are safety-insulated to VBG 4, the German statutory standard, against inadvertent hand-contact (finger proof).

If required, the slots in the cover can be extended from 12 to 14 module wide. The cover is fixed into position by two 90° quick-action locking screws which can be sealed.

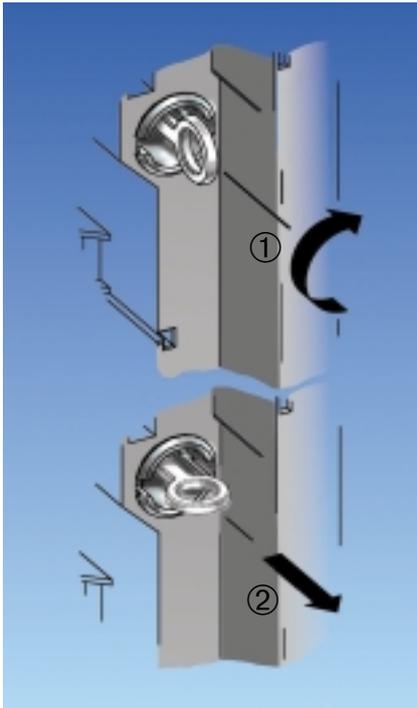


The device support: click-in system means quick, easy installation



Trim frame and door are easy to remove. Adjustable for uneven surfaces, lead-sealable cover with 90° quick-action locking screws.

The Quickest Way of Hollow-Wall Mounting

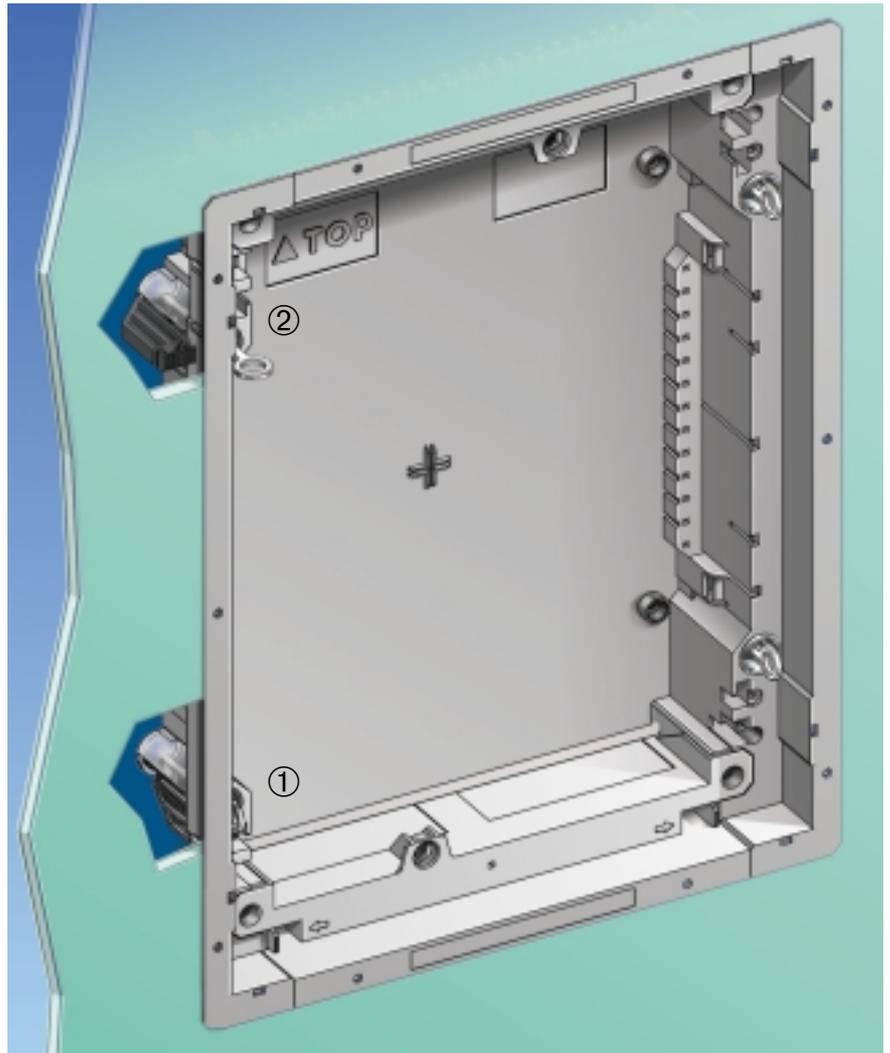


UZ 90 Hollow wall set
1. Turn 2. Pull – done

All UK 500 Series consumer units are suitable and ready for hollow wall installation. To do this, you only require the UZ 90 E hollow wall set. No special hollow wall consumer unit is required.

Upgrading is incredibly simple – just as easy as the hollow wall installation itself.

No screws, so nothing can slip. Fastening it is as easy as fastening cable binders. The hollow wall set can also be released again if needed. The pull-tab will be twisted off after completion of work.



Hollow wall installation

- ① The hollow wall set is placed inside the consumer unit.
- ② Turn the tab to put the wall grip into position – then just pull – and it's done.

art line

– Truly eye-catching.

Functional and yet elegant – here's a perfect example of how easy it can be to combine these two essentials.

Beautiful and perfectly formed – the „art line“ model with its brushed stainless steel is an embodiment of the design principle based on reducing things right down to the essentials. A sight for sore eyes.

The UK 500 standard version with trim frame and door. „Art Line“ opens the door to a new world of aesthetics in consumer unit design and has already become a classic in its own right.

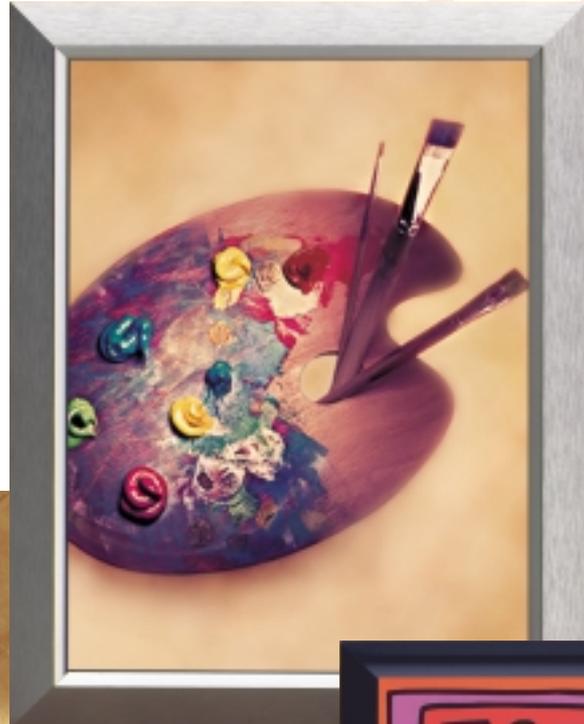


addition line

– Set in the finest materials,
your motif makes its mark.

The „addition line“ series of picture frames is quite literally as pretty as a painting. You would never believe that these high-quality ornamental items conceal a technical product.

Whether in brushed aluminium or with an anodised colour coating, no other solution offers more individuality and flexibility for matching personal taste and décor.



→ Picture motifs in the change frame doors are ornamental and not included in standard supply.

→ Other picture frame doors upon request!

color line

Colours which appeal to good taste

„Color line“ gives a splash of colour to the functional and aesthetic lines of the standard trim frame and its door.

The coated versions, available in three colours (Midnight Blue, Anthracite and Bordeaux Red), open up whole new creative possibilities for consumer units. The tap-in closure is finished in metallic silver.



→ Other RAL colours on request!

Control Panel Technology

there's no easier way to manage!

Thanks to the front control panel, the UK 500 Series consumer units offer that bit more.

Monitoring and operation of building functions, such as the control of lighting systems, is taken care of by the front control panel in a way that's both easy-to-view and decorative.

The use of standard UK 500 components offers benefits as well as it ensures quick product availability.

The standard finish includes a robust aluminium frame with an inlaid anodised front panel and a safety lock.

The front control panel is available in three versions (external dimensions in mm):

FPT 510 E 362 h x 378 w x 90 d

FPT 520 E 487 h x 378 w x 90 d

FPT 530 E 612 h x 378 w x 90 d

The front control panel can be finished by the user or supplied already wired and printed by the factory.



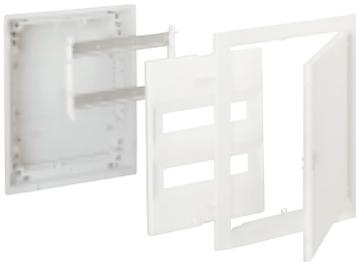
Delivery Options – how to order!

- 1. The standard version without trim frame and door**
(Wall box with device support, removable DIN rails, cover, N/PE terminals, N/RCD clip-terminals, wall grips, labelling system).



Possible choices

- or **2. The standard version with trim frame and door**
(Wall box with device support, removable DIN rail, cover, N/PE-terminals, N/RCD clip-terminals, wall grips, labelling system).



- 3. Control panel**
Aluminium control panel unprinted and not wired.
(Wall box with device support without N/PE-terminals with safety lock).



- 4. Hollow wall installation set**

All consumer units designed and ready for hollow wall installation!

Wall boxes can be fitted with the UZ 90 E hollow wall set and are then ready for hollow wall installation.



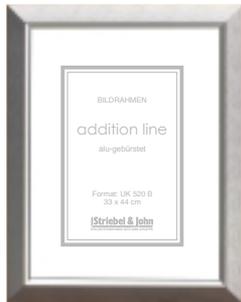
Standard door
Alpine white



art line
brushed stainless steel



addition line
brushed aluminium



topaz



white



Other picture frames available on request

color line
bordeaux red - metallic



anthracite- metallic



Midnight blue - metallic



Other RAL colours available on request

Transparent door



For data and dimensions, see Page 13

Consumer Units – UK 500 Series

Basic Version without Trim Frame and Door



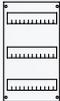
UK 500 B – Flush-Mounting Consumer Unit

IP 30   

- I_n 63A
- Consumer unit to DIN VDE 0603, DIN 43871
- According to Association of German Engineers Standard VDE 0100/729
- Can be supplied as a flush-mounting consumer unit complete with 1 to 4 rows
- Upgradable for hollow wall installation using UZ 90
- Wall box:
 - non-warp, break-proof, non-flammable plastic to UL 94-V2 standard
 - with cable strain-relief comb
 - with detachable cable inlets
- Wall grips
- Device support with detachable DIN rail to DIN 50022
- With N/PE terminals and N-RCD terminals to VBG 4
- Cover with 90° quick-action screws, 45 mm slots, lead-sealable for 12 modules to be extended to 14
- Write-on labelling system

12 (14) Module widths		Type HxWxD (mm) HxWxD (mm) Weight (kg)	UK 510 BE 335 x 350 x 95 Niche dimensions 308 x 327 x 88 Wall cut-out dimensions 1,2
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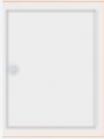
24 (28) Module widths		Type HxWxD (mm) HxWxD (mm) Weight (kg)	UK 520 BE 460 x 350 x 95 Niche dimensions 433 x 327 x 88 Wall cut-out dimensions 1,7
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36 (42) Module widths		Type HxWxD (mm) HxWxD (mm) Weight (kg)	UK 530 BE 585 x 350 x 95 Niche dimensions 558 x 327 x 88 Wall cut-out dimensions 2,2
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48 (56) Module widths		Type HxWxD (mm) HxWxD (mm) Weight (kg)	UK 540 BE 710 x 350 x 95 Niche dimensions 683 x 327 x 88 Wall cut-out dimensions 2,7
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Consumer Units – UK 500 Series

Standard Version and Options

	Fits	Type	Trim Frame Internal Dimensions HxWxD mm	Trim Frame External Dimensions HxWxD mm
Trim frame with door (standard)				
Colour alpine white (RAL 9003) Powder-coated sheet steel	UK 510 BE	BL 510 E	282 x 297 x 33	352 x 367 x 9
	UK 520 BE	BL 520 E	407 x 297 x 33	477 x 367 x 9
	UK 530 BE	BL 530 E	532 x 297 x 33	602 x 367 x 9
	UK 540 BE	BL 540 E	657 x 297 x 33	727 x 367 x 9
				
art line				
brushed stainless steel	UK 520 BE	BL 522 DE	407 x 297 x 33	490 x 407 x 49
	UK 530 BE	BL 532 DE	532 x 297 x 33	615 x 407 x 49
	-	-	-	-
				
addition line				
Picture frame door, brushed aluminium ¹⁾	UK 520 BE	BL 521 DE	415 x 306 x 33	487 x 378 x 33
	UK 530 BE	BL 531 DE	540 x 306 x 33	612 x 378 x 33
				
Picture frame door, topaz ¹⁾	UK 520 BE	BL 526 DE	405 x 295 x 33	487 x 378 x 33
	UK 530 BE	BL 536 DE	530 x 295 x 33	612 x 378 x 33
				
Picture frame door, white ¹⁾	UK 520 BE	BL 527 DE	407 x 297 x 33	487 x 378 x 33
	UK 530 BE	BL 537 DE	532 x 297 x 33	612 x 378 x 33
				
color line				
Change frame with door in - bordeaux red metallic ²⁾	UK 510 BE	BL 513 DE	282 x 297 x 33	352 x 367 x 9
	UK 520 BE	BL 523 DE	407 x 297 x 33	477 x 367 x 9
	UK 530 BE	BL 533 DE	532 x 297 x 33	602 x 367 x 9
	UK 540 BE	BL 543 DE	657 x 297 x 33	727 x 367 x 9
				
Change frame with door in anthracite - metallic ²⁾	UK 510 BE	BL 514 DE	282 x 297 x 33	352 x 367 x 9
	UK 520 BE	BL 524 DE	407 x 297 x 33	477 x 367 x 9
	UK 530 BE	BL 534 DE	532 x 297 x 33	602 x 367 x 9
	UK 540 BE	BL 544 DE	657 x 297 x 33	727 x 367 x 9
				
Change frame with door in midnight blue - metallic ²⁾	UK 510 BE	BL 515 DE	282 x 297 x 33	352 x 367 x 9
	UK 520 BE	BL 525 DE	407 x 297 x 33	477 x 367 x 9
	UK 530 BE	BL 535 DE	532 x 297 x 33	602 x 367 x 9
	UK 540 BE	BL 545 DE	657 x 297 x 33	727 x 367 x 9
				
Transparent door				
	UK 510 BE	BL 510 TE	282 x 297 x 33	352 x 367 x 9
	UK 520 BE	BL 520 TE	407 x 297 x 33	477 x 367 x 9
	UK 530 BE	BL 530 TE	532 x 297 x 33	602 x 367 x 9
	UK 540 BE	BL 540 TE	657 x 297 x 33	727 x 367 x 9

¹⁾ Other change frame doors available on request.

²⁾ Other RAL colours available on request.

Consumer Units – UK 500 Series

Standard Version with Trim Frame and Door



UK 500 – Flush-Mounting Consumer Unit

IP 30   

- I_n63A
- Consumer unit to DIN VDE 0603, DIN 43871
- According to Association of German Engineers Standard VDE 0100/729
- Can be supplied as a flush-mounting consumer unit complete with 1 to 4 rows
- Upgradable for hollow wall installation using UZ 90
- Wall box:
 - Non-warp, break-proof, non-flammable plastic to UL 94-V2 standard
 - with cable strain-relief comb
 - with detachable cable inlets
- Wall grips
- Device support with detachable DIN rail to DIN 50022
- With N/PE terminals and F-FI terminals to VBG 4
- Cover with 90° quick-action screws, 45 mm slots, lead-sealable for 12 modules to be extended to 14
- Write-on labelling system
- Trim frame and sheet steel door, adjustable for uneven surface, colour: alpine white, RAL 9003

12 (14)
Module widths



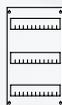
Type UK 510 E
HxWxD (mm) 335 x 350 x 95 Niche dimensions
HxWxD (mm) 308 x 327 x 88 Wall cut-out dimensions
Weight (kg) 2,2

24 (28)
Module widths



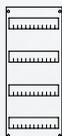
Type UK 520 E
HxWxD (mm) 460 x 350 x 95 Niche dimensions
HxWxD (mm) 433 x 327 x 88 Wall cut-out dimensions
Weight (kg) 3,4

36 (42)
Module widths



Type UK 530 E
HxWxD (mm) 585 x 350 x 95 Niche dimensions
HxWxD (mm) 558 x 327 x 88 Wall cut-out dimensions
Weight (kg) 4,0

48 (56)
Module widths



Type UK 540 E
HxWxD (mm) 710 x 350 x 95 Niche dimensions
HxWxD (mm) 683 x 327 x 88 Wall cut-out dimensions
Weight (kg) 4,9

Consumer Units – UK 500 Series

The control panel.

Control panel
(on request: printed and wired to your requirements)



Fits	Type	Trim Frame Internal Dimensions HxWxD mm	Trim Frame External Dimensions HxWxD mm
UK 510 BE	FPT 510 E	282 x 297 x 33	362 x 378 x 19
UK 520 BE	FPT 520 E	407 x 297 x 33	487 x 378 x 19
UK 530 BE	FPT 530 E	532 x 297 x 33	612 x 378 x 19
-	-	-	-

Accessories and Replacement Parts for the UK 500 Series.

	Fits	Type
<p>Wall box</p> 	UK 510 E UK 520 E UK 530 E UK 540 E	UZM 510 E UZM 520 E UZM 530 E UZM 540 E
<p>Wall grips (2 pairs per wall box)</p> 		UZ 4 E
<p>DIN rail Device support</p> 	UK 510 E UK 520 E UK 530 E UK 540 E	UZ 510 GE UZ 520 GE UZ 530 GE UZ 540 GE
<p>Cover with 90° quick action screws</p> 	UK 510 E UK 520 E UK 530 E UK 540 E	UZ 510 AE UZ 520 AE UZ 530 AE UZ 540 AE
<p>Hollow wall set For subsequent conversion of a UK consumer unit to a hollow wall unit (cabeling and 20 cable binders included).</p> 		UZ 90 E
<p>Surface-mounting set for non-recessed and part-recessed installation</p> 	UK 510 E UK 520 E UK 530 E UK 540 E	AP 510 E AP 520 E AP 530 E AP 540 E

Accessories and Replacement Parts for the UK 500 Series.

	Fits	Type
<p>N and PE terminals N 3 x 16 + 14 x 10 qmm PE 3 x 16 + 14 x 10 qmm</p>		ZK 502 E
<p>N terminals 6 x 16 + 17 x 10 qmm + FI 5 x 10 qmm</p>		ZK 505 E
<p>PE terminals 6 x 16 + 19 x 10 qmm</p>		ZK 506 E
<p>N-RCD terminal 5 x 10 qmm</p>		ZK 507 E
<p>Labelling system Self-adhesive, for identifying circuits</p>		UZ 3 E
<p>Cable binders for hollow 100 mm long 1 set = 10 clips</p>		ZA 96 E
<p>Screws Each set = 20 screws For fixing DIN rails and mounting plates, For fixing trim frames to compensate for uneven surfaces of up to 50 mm</p>		ZK 89 E ZK 93 E

		Fits	Type
Mounting plate galvanised sheet steel with screws to mount in wall box		UK 510 E UK 520 E UK 530 E UK 540 E	UZ 510 ME UZ 520 ME UZ 530 ME UZ 540 ME
Tip-in-closure color white color metallic silver			UZ 2 E UZ 6 E
Safety lock with 2 keys			UZ 1 E
N/PE terminal 25 qmm			ZA 95 E
Slot cover white			ZA 3 E
Cable inlet			UZ 5 E
Vertical partition		1-row 2-row 3-row 4-row	UZ 51 E UZ 52 E UZ 53 E UZ 54 E
Horizontal partition			UZ 84 E



Reg. Nr. 3685-02



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