

- Quick installation thanks to patented sealing membranes
- Special designs on request
- Cylinder lock can be installed later
- Simple combination options





IP65 | 3-24 | IK07 | 400V AC | halogen-free

IP65 | 3-24 | IK08 | 400V AC | halogen-free | Industrial Quality

Distribution boards AK / AKi Compact

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Description | Order no.

AK 03

100 x 150 x 96 mm



Entries top end:
3 x M20
Entries bottom end:
2 x M20/M25
Entries on each side:
2 x M20
Entries on floor:
1 x M20

Small-scale distributors, 3 distribution units, PE/N terminal, with each 1 clamping point 16 mm², 3 clamping points 6 mm², 3 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals

IP65 | 3 | IK07 | 400V AC

AK 03 — 735 403 01

AK 05

125 x 200 x 122 mm



Entries end:
4 x M20
1 x M20/M25
Entries on each side:
2 x M20
Entries on floor:
1 x M20

Small-scale distributors, 5 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 3 clamping points 6 mm², 4 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals

IP65 | 5 | IK07 | 400V AC

AK 05 — 735 405 01

AK 09

200 x 200 x 122 mm



Entries end:
8 x M20
1 x M25/M32
Entries on each side:
2 x M20
Entries on floor:
2 x M20/M25

Small-scale distributors, 9 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 5 clamping points 6 mm², 6 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals

IP65 | 9 | IK07 | 400V AC

AK 09 — 735 409 01

AK 12

250 x 200 x 122 mm



Entries end:
8 x M20
2 x M20/M25
1 x M32/M40
Entries on each side:
2 x M20
Entries on floor:
2 x M20/M25

Small-scale distributors, 12 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 10 clamping points 6 mm², 8 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals

IP65 | 12 | IK07 | 400V AC

AK 12 — 735 412 01

AK 24

250 x 370 x 122 mm



Entries end:
8 x M20
2 x M20/M25
1 x M32/M40
Entries on each side:
8 x M20
2 x M32/M40
Entries on floor:
4 x M20/M25

Small-scale distributors, 24 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 14 clamping points 6 mm², 8 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals

IP65 | 24 | IK07 | 400V AC

AK 24 — 735 424 01

	Description	Order no.
AKi 03 100 x 150 x 96 mm  Entries top end: 3 x M20 Entries bottom end: 2 x M20/M25 Entries on each side: 2 x M20 Entries on floor: 1 x M20	Small-scale distributors - **I**ndustrial **Q**uality -, 3 distribution units, PE/N terminal, with each 1 clamping point 16 mm², 3 clamping points 6 mm², 3 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals 	
	AKi 03	736 403 01
AKi 05 125 x 200 x 122 mm  Entries end: 4 x M20 1 x M20/M25 Entries on each side: 2 x M20 Entries on floor: 1 x M20	Small-scale distributors - **I**ndustrial **Q**uality -, 5 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 3 clamping points 6 mm², 4 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals 	
	AKi 05	736 405 01
AKi 09 200 x 200 x 122 mm  Entries end: 8 x M20 1 x M25/M32 Entries on each side: 2 x M20 Entries on floor: 2 x M20/M25	Small-scale distributors - **I**ndustrial **Q**uality -, 9 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 5 clamping points 6 mm², 6 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals 	
	AKi 09	736 409 01

AKi 12

250 x 200 x 122 mm



Entries end:
8 x M20
2 x M20/M25
1 x M32/M40
Entries on each side:
2 x M20
Entries on floor:
2 x M20/M25

Description	Order no.
Small-scale distributors - **I**ndustrial **Q**uality -, 12 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 10 clamping points 6 mm², 8 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals	
IP65 · 12 · IK08 · 400V AC	
AKi 12	736 412 01

AKi 24

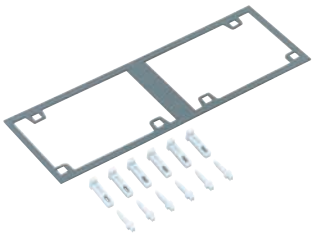
250 x 370 x 122 mm



Entries end:
8 x M20
2 x M20/M25
1 x M32/M40
Entries on each side:
8 x M20
2 x M32/M40
Entries on floor:
4 x M20/M25

Small-scale distributors - **I**ndustrial **Q**uality -, 24 distribution units, PE/N terminal, with each 2 clamping points 16 mm², 14 clamping points 6 mm², 8 elastic entries on top, masking and labelling strips, insulating seals, additional double-membrane seals	
IP65 · 24 · IK08 · 400V AC	
AKi 24	736 424 01

AK combi set



IP65

Description | Order no.

Combi set, for horizontal or vertical combination of all AK enclosures for 300 mm width, complete with wedge connectors and intermediate sealing for 150 and 300 mm enclosure sides, each 300 mm = 1 combi set

AK KS-IP65	791 001 01

AK combi set



IP30

Combi set without intermediate enclosure seal, for horizontal or vertical combination of all AK enclosures for 300 mm width, 1 set = 10 wedge connectors

AK KS-IP30	591 100 01

Combi connector



IP54

Combi connector, for connecting enclosures, thermoplastic

	f. wall thicknesses/mm	
KST M32	1,5 - 4,0	193 032 01

Combi set



IP66

Combi set, for side connection of enclosures with metric entries, complete with lock nuts and intermediate wall seal inserts

	f. wall thicknesses/mm	Thread lenght/mm	
KS M20	2 x 3,0	12	192 020 01
KS M25	2 x 3,0	12	192 025 01
KS M25-gro	2,0 x 8,0	22	192 026 01
KS M32	2 x 3,5	14	192 032 01

Double membrane seals



IP66

Double membrane seals made of elastic plastic with two sealing membranes, closed

	f. wall thicknesses/mm	Sealing area/mm	
DMS M16	1.5 - 4.5	5 - 9	260 416 01
DMS M20	1.5 - 4.5	7 - 12	260 420 01
DMS M25	1.5 - 4.5	9 - 16	260 425 01
DMS M32	1.5 - 4.5	14 - 21	260 432 01

Cable gland



IP68

Description — Order no.

Cable gland with strain relief, Polyamide, M_ x 1.5 mm, with lock nut

	Thread lenght/mm	Sealing area/mm	
KVR M12-MGM	8	2 - 6.5	227 412 01
KVR M16-MGM	8	4 - 10.0	227 416 01
KVR M20-MGM	9	6 - 12.0	227 420 01
KVR M20-GDB/MGM	9	7 - 14.0	227 421 01
KVR M25-MGM	11	9 - 16	227 425 01
KVR M32-MGM	11	11 - 21.0	227 432 01
KVR M40-MGM	11	16 - 28.0	227 440 01
KVR M50-MGM	13	21 - 34.5	227 450 01
KVR M63-MGM	17	30 - 44.5	227 463 01

Ventilation seal



IP44

With ventilation seal to avoid condensation formation in enclosures, flow rate 100 l/min. at 0.1 bar overpressure, thermoplastic elastomer, grey, recommended for insertion on the left and right enclosure sides in different heights (see Technical Appendix - Protection against condensate water)

	f. wall thicknesses/mm	
BST M20	1,5 - 4,5	262 420 01

AK Mounting flange



Enclosure wall, for installation in the components of the AK enclosure system for 300 mm wide end walls, with cable covers as standard

AK ABF 1 with pre-embossing, 2 x M32 / M40 / M50, 1 x M40 / M50 / M63	795 048 01
AK ABF 2 Smooth for self-drilling	795 050 01

AKi Mounting flange



Enclosure wall, for attachment to components of AKi enclosure system to 300 mm wide sides, with cable covers as standard

AKi ABF 1 with pre-embossing, 2 x M32 / M40 / M50, 1 x M40 / M50 / M63	796 051 01
AKi ABF 2 Smooth for self-drilling	796 050 01

Lock fittings



Lock fittings, for installation in hinged doors of distribution boxes AK 03 to AK/AKi 70 and AK/AKi Plus 14 to 56, with 2 keys and installation instructions

AK SGA-1 Identical locks	706 102 01
AK SGA-2 Different closures, max. 10 different closures possible	706 902 01

	Description	Order no.
Lock bolt set	Lock bolt set, for installation in AKe 36 to 48, in conjunction with the lock fittings 706 102 01 / 706 902 01 several hinged windows can be safely locked by only one single lock.	
	**AK SRS**	706 104 01
Partition wall	Partition wall, for installation in the components of the AK enclosure system, from AKe 36/48, universal application for various enclosure heights, with break-out openings, grey	
	**AK TW**	797 910 01
Cable cover 300 x 125 x 90 mm	for installation in the components of the AK enclosure system for 300 mm wide end walls, with cable covers as standard	
	**AK KBL**	792 400 01
Masking off strips	Masking off strips, to close off unused circuit-breaker positions, detachable, grey	
	**AK AS** Width 108 mm for 6 distribution units	799 012 01
	AK AS-v Width 216 mm for 12 distribution units, lockable	799 013 01
Bord Case	On-board case, for closing off unused circuit breaker positions, width 54 mm for 3 distribution units, for 35 mm standard rail, e.g. to house fuses, operating instructions, etc.	
	**AK BC**	799 103 01

Standard rail NS 35



Description	Order no.
Standard rail acc. to DIN EN 60715, 35 x 7.5, width 35 mm	
AK NS35-250 from 300 x 300 mm, length 250 mm, including spacers	562 735 01
NS35-216/3 universal floor fixing, length 216 mm, with fixing screws	795 030 01

AK External attachment set



External fixing lugs, for mounting separate enclosures or small units on flat wall surfaces, can be fixed to the box base at an angle of 0°, 45°, or 90°, wall gap 7 mm, material stainless steel, suitable for all AK enclosures from 300 mm front,	
AK ABL-ES Set = 4 pcs.	793 004 01

Z-wall profile



Z-wall profile, length 2 m, with 8 M6 cylinder screws and 8 captive push nuts, wall clearance 70 mm, Material: galvanised steel	
ZPR	070 800 01

KF 12 hinged window

228 x 80 mm

IP65



Hinged window, for fitting to enclosure cover, for maximum 12 distribution units à 17.5 mm, with transparent hinged window, frame with sealing on both sides, with drilling template and fixing screws	
KF 12	567 412 01

SF 12 inspection window

228 x 80 mm

IP65



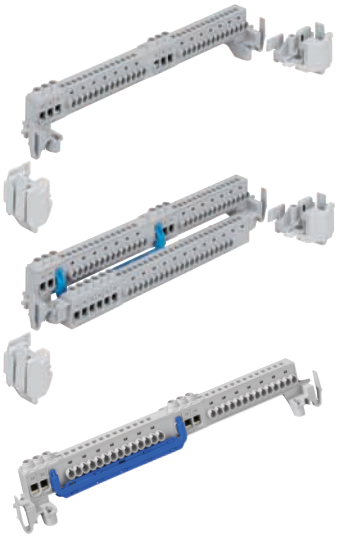
Inspection window, for fitting to enclosure cover, transparent inspection glass, with drilling template and fixing screws	
SF 12	568 012 01

PE/N terminal block



Description	Order no.
PE/N terminal block for mounting onto 35 mm standard rail, e.g. in meter housings	
KLS N 35 N terminal (blue) 3 x 25 mm², 2 x 16 mm²	790 905 01
KLS PE 35 PE terminal (green) 3 x 25 mm², 2 x 16 mm²	790 805 01

PE/N screwless terminal rail



PE/N screwless terminal, for installation in AK/AKi small-scale distributors from AK/AKi 14, as additional terminals or for replacement	
AK 14 PEN-SL Single-stage PE/N terminal rail with each, 3 screwable clamping points, 2.5 mm² - 16 mm² and , 14 screwless terminal points , 1.5 - 4 mm²	790 317 01
AK 28 PEN-SL Two-row PE/N terminal rail each with, 6 screwable clamping points, 2.5 mm² - 16 mm² and , 21 / 2 x 14 screwless clamping points 1.5 mm² - 4 mm²	790 327 01
AK N-SL Single-stage N terminal rail, with 4 screwable clamping points 2.5 mm² - 16 mm², and 28 screwless clamping points 1.5 mm² - 4 mm², Following removal of the cross-connection, distribution into, 2 N potentials each with 3 screwable terminal points, 2.5 mm² - 16 mm² and 14 screwless, Terminal points 1.5 mm² - 4 mm²	790 318 01

PE/N terminal rail



PE/N terminal rail, for installation in AK/AKi small-scale distributors as additional terminals or for replacement

	Number of pole	Clamping range	
AK 03 PEN-S	2 x 4-pole	1x16 / 3x6 mm²	790 204 01
AK 05 PEN-S	2 x 5-pole	2x16 / 3x6 mm²	790 205 01
AK 09 PEN-S	2 x 7-pole	2x16 / 5x6 mm²	790 207 01
AK 12 PEN-S	2 x 12-pole	2x16 / 10x6 mm²	790 211 01
AK 24 PEN-S	2 x 16-pole	2x16 / 14x6 mm²	790 218 01
AK 14/28 PEN-S	2 x 17-pole	1x25 / 4x16 / 12x6 mm²	790 217 01
AK 42 PEN-S	2 x 25-pole	1x25 / 6x16 / 18x6 mm²	790 225 01

4-way neutral conductor terminal



Auxiliary terminal, for subsequent attachment to AK PE/N basic terminals from AK 14

AK N 47-S 4 x 7-pole,, with each 2 clamping points 16 mm², 5 clamping points 6 mm²	790 047 01

1-way neutral conductor terminal



Auxiliary terminal, for subsequent attachment to AK PE/N-S basic terminals from AK 42

AK N 17-S 1 x 7-pole,, with each 2 clamping points 16 mm², 5 clamping points 6 mm²	790 007 01