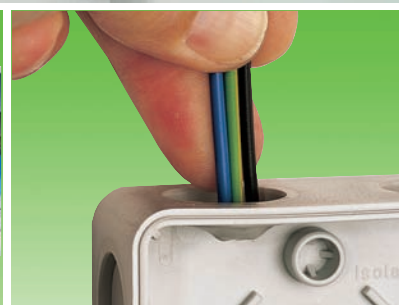
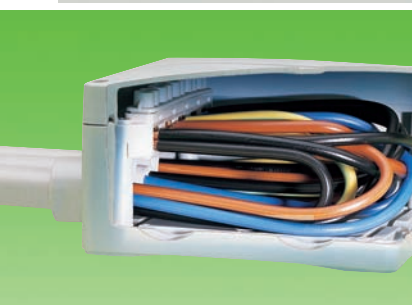


Junction Boxes Abox / Abox-i 025² to 2400²

 IP65	 70°	 IK07		 690V AC	 DVE	 halogen-free			
 IP65	 240°	 IK08		 690V AC	 DVE	 halogen-free	 Lloyd's Register TYPE APPROVED		Industrial quality



- Shockproof
- Large amount of room for connection
- Easy testing facility
- High-position terminals enable rapid and clear wiring (starting with Abox 060)

▲ Quick installation due to pressure-tight membrane insertions (at Abox 025 and 040)

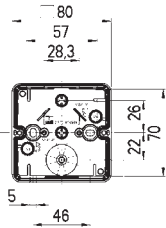
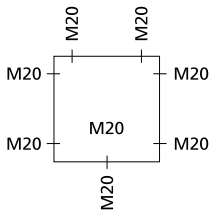
▲ Impact and breakage resistant (e.g. in sports halls)

- ▲ With red cover for identification of circuits for safety lighting
- ▲▲ Application also possible under extreme conditions

Junction Boxes Abox / Abox-i

Abox 025

80 x 80 x 52 mm



Description

Order No.

Packing Qty

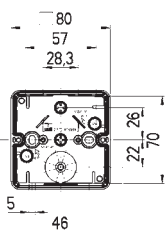
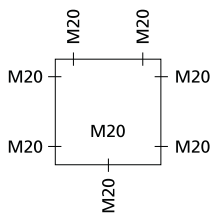
Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with self-sealing, soft inlet membranes, M20, seal range 2 - 16 mm



Abox 025-L grey, without terminals	802 907 01	60/3
Abox 025-2,5² grey, with screw terminals, 5-poles - 2.5 mm² (4 x 1.5² / 4 x 2.5²)	802 407 01	60/3
Abox 025-L/w white, without terminals	802 607 01	60/3
Abox 025-2,5²/w white, with screw terminal, 5-poles - 2.5 mm² (4 x 1.5² / 4 x 2.5²)	802 107 01	60/3
Abox 025 SB-L red cover, without terminals, for identifying circuits for safety lighting	802 707 01	60/3

Abox-i 025

80 x 80 x 52 mm



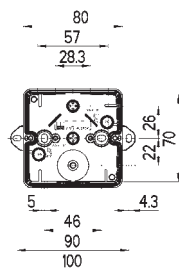
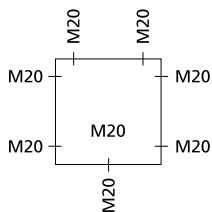
Junction box - Industrial Quality - acc. DIN EN 60670 (VDE 0606), $U_i=690V$, weathering-proof, shock-proof, halogen-free, with self-sealing, soft inlet membranes, M20, seal range 2 - 16 mm



Abox-i 025-L grey, without terminals	490 902 01	60/3
Abox-i 025-2,5² grey, with screw terminals, 5-poles - 2.5 mm² (4 x 1.5² / 4 x 2.5²)	490 402 01	60/3
Abox-i 025 SB-L red cover, without terminals, for identifying circuits for safety lighting	490 702 01	60/3
Abox-i 025-L/w black, without terminals	491 902 01	60/3
Abox-i 025-2,5²/sw black, with screw terminal, 5-poles - 2.5 mm² (4 x 1.5² / 4 x 2.5²)	491 402 01	60/3

Abox 025 AB

80 x 80 x 52 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with self-sealing, soft inlet membranes, M20, seal range 2 - 16 mm, with external fixing lugs

IP65

2,5²

IK07



690V
AC



Abox 025 AB-L

grey, without terminals

803 907 01

60/3

Abox 025 AB-2,5²

grey, with screw terminals, 5-poles - 2.5 mm²
(4 x 1.5² / 4 x 2.5²)

803 407 01

60/3

Abox 025 AB-L/w

white, without terminals

803 607 01

60/3

Abox 025 AB-Pot

grey, with 15 mm mounting rail TS 15,
PE terminal block 4²

803 427 01

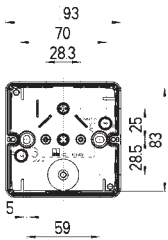
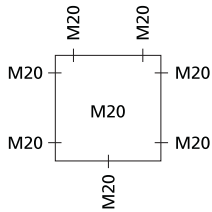
60/3

The **Abox 25 AB Pot** was especially developed for rooms with particularly stringent equipotential requirements, such as computer rooms



Abox 040

93 x 93 x 55 mm



Description

Order No.

Packing Qty

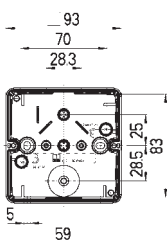
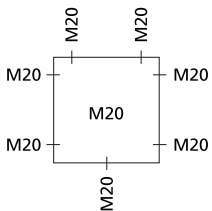
Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with self-sealing, soft inlet membranes, M20, seal range 2 - 16 mm



Abox 040-L grey, without terminals	804 907 01	60/3
Abox 040-4,0² grey, screw terminal, 5-poles - 2.5/4.0 mm² (4 x 1.5² / 4 x 2.5² / 3 x 4.0²)	804 407 01	60/3
Abox 040-L/w white, without terminals	804 607 01	60/3
Abox 040-4,0²/w white, with screw terminal, 5-poles - 2.5/4.0 mm² (4 x 1.5² / 4 x 2.5² / 3 x 4.0²)	804 107 01	60/3
Abox 040 SB-L red cover, without terminals, for identifying circuits for safety lighting	804 707 01	60/3

Abox-i 040

93 x 93 x 55 mm

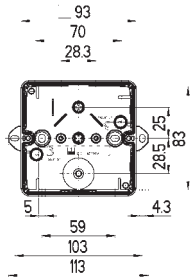
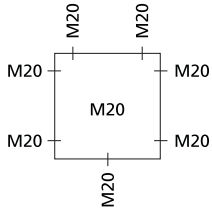


Junction box - Industrial Quality - acc. DIN EN 60670 (VDE 0606), weathering-proof, $U_i=690V$, shock-proof, halogen-free, with self-sealing, soft inlet membranes, M20, seal range 2 - 16 mm



Abox-i 040-L grey, without terminals	490 904 01	60/3
Abox-i 040-4² grey, with screw terminals, 5-poles - 2.5/4.0 mm² (4 x 1.5² / 4 x 2.5² / 3 x 4.0²)	490 404 01	60/3
Abox-i 040 SB-L red cover, without terminals, for identifying circuits for safety lighting	490 704 01	60/3
Abox-i 040-L/sw black, without terminals	491 904 01	60/3
Abox-i 040-4²/sw black, with screw terminal, 5-poles - 2.5/4.0 mm² (4 x 1.5² / 4 x 2.5² / 3 x 4.0²)	491 404 01	60/3

Abox 040 AB
93 x 93 x 55 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with self-sealing, soft inlet membranes, M20, seal range 2 - 16 mm, with external fixing lugs

IP65

4²

IK07



690V
AC



Abox 040 AB-L
grey without terminals

805 907 01

60/3

Abox 040 AB-4²
grey, screw terminal, 5-poles - 2.5/4.0 mm²
(4 x 1.5² / 4 x 2.5² / 3 x 4.0²)

805 407 01

60/3

Abox 040 AB-L/w
white, without terminals

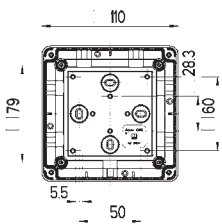
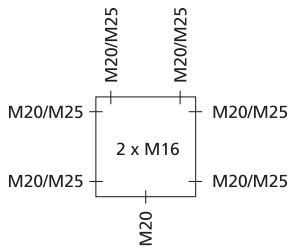
805 607 01

60/3



Abox 060

110 x 110 x 67 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with IP54 attachment bushes, with sealing plug M25, seal range 9 - 18.5 mm



Abox 060-L
grey, without terminals

806 907 01 24/2

Abox 060-6²
grey, with high-set screwless terminal, 5-pole - 6 mm²
(4 x 2.5² / 4 x 4² / 3 x 6²)

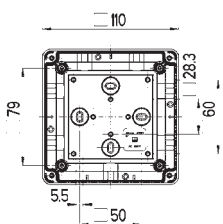
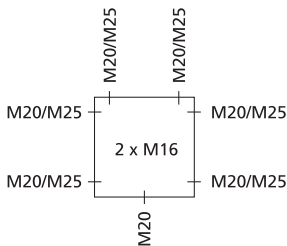
806 407 01 24/2

Abox 060 SB-L
red cover, without terminals,
for identifying circuits for safety lighting

806 707 01 24/2

Abox-i 060

110 x 110 x 67 mm



Junction box - Industrial Quality - acc. DIN EN 60670 (VDE 0606), $U_i=690V$, weathering-proof, shock-proof, halogen-free, with IP66 double-membrane seals, M25, seal range 9 - 16 mm



Abox-i 060-L
grey, without terminals

490 906 01 24/2

Abox-i 060-6²
grey, with high-set screwless terminal, 5-pole - 6 mm²
(4 x 2.5² / 4 x 4² / 3 x 6²)

490 406 01 24/2

Abox-i 060-L/sw
black, without terminals

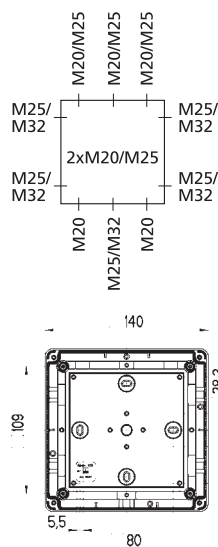
491 906 01 24/2

Abox-i 060-6²/sw
black, with high-set screw terminal, 5-pole - 6 mm²
(4 x 2.5² / 4 x 4² / 3 x 6²)

491 406 01 24/2

Abox 100

140 x 140 x 79 mm



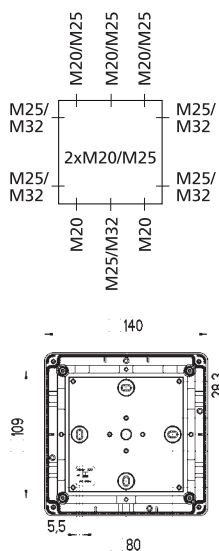
Description	Order No.	Packing Qty
Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with IP54 attachment bushes, with sealing plug M32, seal range 13 - 23 mm		



Abox 100-L grey, without terminals	810 910 01	20/2
Abox 100-10² grey, with high-set screwless terminal , 5-poles - 10 mm² (4 x 4² / 4 x 6² / 4 x 10²)	810 410 01	20/2

Abox-i 100

140 x 140 x 79 mm



Junction box - Industrial Quality - acc. DIN EN 60670 (VDE 0606), $U_i=690V$, weathering-proof, shock-proof, halogen-free, with IP66 double-membrane seals, M32, seal range 14 - 21 mm		
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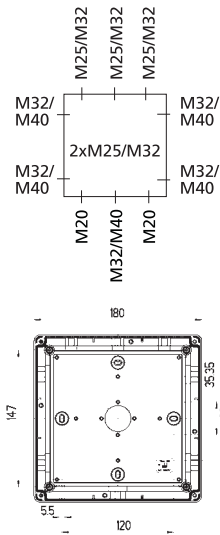


Abox-i 100-L grey, without terminals	490 910 01	20/2
Abox-i 100-10² grey, with high-set screwless terminal , 5-poles - 10 mm² (4 x 4² / 4 x 6² / 4 x 10²)	490 410 01	20/2
Abox-i 100-L/sw black, without terminals	491 910 01	20/2
Abox-i 100-10²/sw black, with high-set screw terminals , 5-poles - 10 mm² (4 x 4² / 4 x 6² / 4 x 10²)	491 410 01	20/2

Junction Boxes Abox / Abox-i

Abox 160

180 x 180 x 91 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with IP54 attachment bushes, with sealing plug M40, seal range 17 - 30 mm, with sealing kit



Abox 160-L

grey, without terminals

816 910 01

10/1

Abox 160-16²

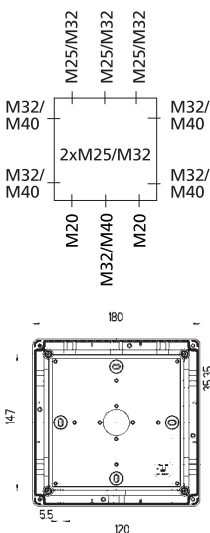
grey, with 5-pole high-set screw terminal, 5-poles - 16 mm² (4 x 6² / 4 x 10² / 4 x 16²)

816 410 01

10/1

Abox-i 160

180 x 180 x 91 mm



Junction box - Industrial Quality - acc. DIN EN 60670 (VDE 0606), $U_i=690V$, weathering-proof, shock-proof, halogen-free, with sealing kit, for suitable cable in-feeds see accessories



Abox-i 160-L

grey, without terminals

490 916 01

10/1

Abox-i 160-16²

grey, with 5-pole high-set screw terminal, 5-poles - 16 mm² (4 x 6² / 4 x 10² / 4 x 16²)

490 416 01

10/1

Abox-i 160-L/sw

black, without terminals

491 916 01

10/1

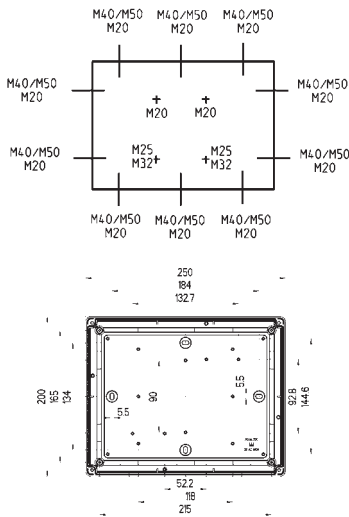
Abox-i 160-16²/sw

black, with high-set screw terminals , 5-poles - 16 mm² (4 x 6² / 4 x 10² / 4 x 16²)

491 416 01

10/1

Abox 250
250 x 200 x 115 mm

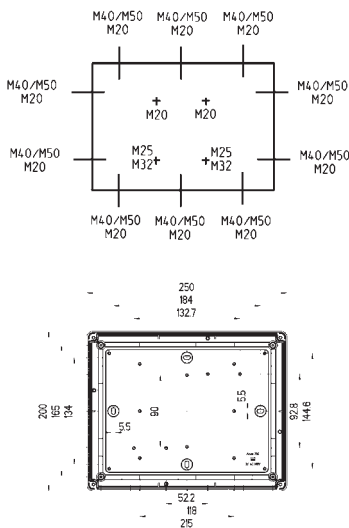


Description	Order No.	Packing Qty
Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with IP54 attachment bushes, with sealing plug M40, seal range 17 - 30 mm, with sealing kit		

IP65
IP54
25²
IK07
690V
AC
halogen-free

Abox 250-L grey, without terminals	825 910 01	4/1
Abox 250-25² grey, with 5-pole high-set screw terminal, 5-pole - 25 mm ² (4 x 10 ² / 4 x 16 ² / 4 x 25 ²)	825 410 01	4/1

Abox-i 250
250 x 200 x 115 mm



Junction box - Industrial Quality - acc. DIN EN 60670 (VDE 0606), $U_i=690V$, weathering-proof, shock-proof, halogen-free, with sealing kit, for suitable cable in-feeds see accessories		
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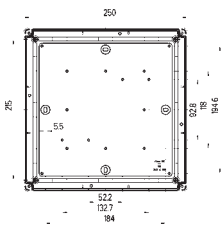
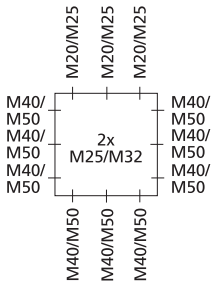
IP65
25²
IK08
690V
AC
halogen-free

Abox-i 250-L grey, without terminals	490 925 01	4/1
Abox i 250 25² grey, with 5-pole high-set screw terminal, 5-pole - 25 mm ² (4 x 10 ² / 4 x 16 ² / 4 x 25 ²)	490 425 01	4/1

Junction Boxes Abox / Abox-i

Abox 350

250 x 250 x 115 mm



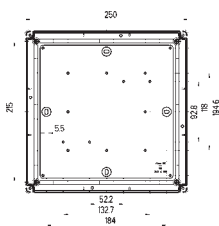
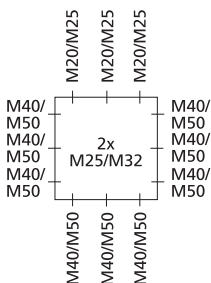
Description	Order No.	Packing Qty
Junction box acc. DIN EN 60670 (VDE 0606), $U_i=690V$, with IP54 attachment bushes, with sealing plug M40, seal range 17 - 30 mm, with sealing kit		



Abox 350-L grey, without terminals	835 910 01	4/1
Abox 350-35² grey, with 5-pole high-set screw terminal, 5-poles - 35 mm² (4 x 16² / 4 x 25² / 4 x 35²)	835 410 01	4/1

Abox-i 350

250 x 250 x 115 mm



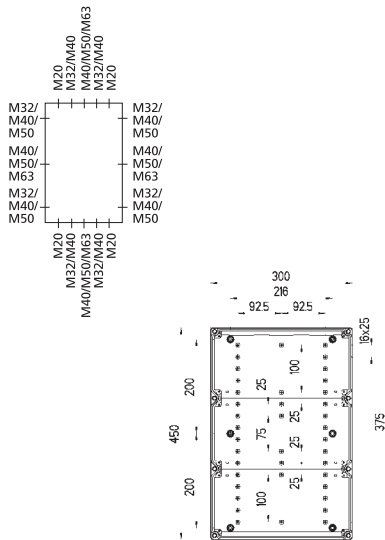
Junction box - Industrial Quality - acc. DIN EN 60670 (VDE 0606), $U_i=690V$, weathering-proof, shock-proof, halogen-free, with sealing kit, for suitable cable in-feeds see accessories		
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Abox-i 350-L grey, without terminals	490 935 01	4/1
Abox-i 350-35² grey, with 5-pole high-set screw terminal, 5-poles - 35 mm² (4 x 16² / 4 x 25² / 4 x 35²)	490 435 01	4/1
Abox-i 350-L/sw black, without terminals	491 935 01	4/1
Abox-i 350-35²/sw black, with high-set screw terminals , 5-poles - 35 mm² (4 x 16² / 4 x 25² / 4 x 35²)	491 435 01	4/1

Abox 700

300 x 450 x 132 mm



Description	Order No.	Packing Qty
Junction box , $U_i=690V$, with 3 twist nipples and lock nut, IP54, M63, seal range 24 - 43 mm, Standard version sealable		

IP65 IP54
70²
IK07
690V AC

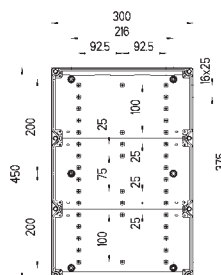
Abox 700-L grey, without terminals	870 910 01	1/1
Abox 700-70² grey, 4 terminal blocks 4 x 70 mm ²	870 410 01	1/1
Accessories		
Abox 700 KLS-70² terminal extension to 5 poles, 1-poles 70 mm ²	840 070 01	1/1
NS 35-216 mounting rail Length 216 mm	795 030 01	1/1
AK MPI 3 mounting plate of insulating material 390 x 240 mm	795 003 01	1/1

Abox-i 700

440 x 320 x 179 mm



Entries end:
 8 x M20/M25
 2 x M32/M40
 1 x M40/M50
 Entries on each side:
 4 x M16
 3 x M40/M50



Junction box - Industrial Quality, $U_i=690V$, weathering-proof, shock-proof, halogen-free, sealable, for suitable cable in-feeds see accessories		
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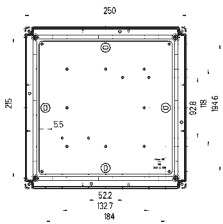
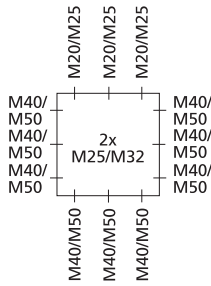
IP65
70²
IK08
690V AC

Abox-i 700-70² grey, with 4 terminal blocks 4 x 70 mm ² , 16 - 70 ²	490 470 01	1/1
Accessories		
Abox 700 KLS-70² terminal extension to 5 poles, 1-poles 70 mm ²	840 070 01	1/1
GKE 32 cable in feeds width 320 mm, 2 x 75 mm Ø	073 032 01	1/1
GKE 43 cable in feeds width 440 mm, 3 x 75 mm Ø	073 043 01	1/1

Junction Boxes Abox / Abox-i

Abox HA 250

250 x 250 x 115 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), $U_i=400V$, with main cable junction terminal, 25 mm², with IP54 attachment bushes, with sealing plug M40, with twist nipple M50, screw terminal 4-pole 25 mm², input per pole 2 x 25 mm², output per pole 4 x 16 mm², with sealing kit

IP65
IP54

25²

IK07



690V
AC



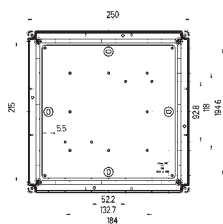
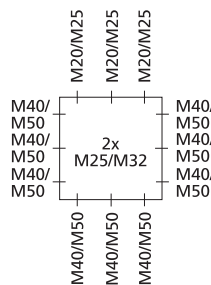
Abox HA 250
grey, with 4 pole screw terminal 25 mm²

480 425 01

4/1

Abox HA 350

250 x 250 x 115 mm



Junction box acc. DIN EN 60670 (VDE 0606), $U_i=400V$, with main cable junction terminal, 35 mm², with IP54 attachment bushes, with sealing plug M40, with twist nipple M50, screw terminal 4-pole 35 mm², input per pole 2 x 35 mm², output per pole 4 x 35 mm², with sealing kit

IP65
IP54

35²

IK07



690V
AC



Abox HA 350
grey, with 4 pole screw terminal 35 mm²

480 435 01

4/1

Abox-i 1500

440 x 320 x 179 mm



Entries end:
8 x M20/M25
2 x M32/M40
1 x M40/M50
Entries on each side:
4 x M16
3 x M40/M50

Description	Order No.	Packing Qty
Junction box - Industrial Quality, $U_i=690V$, weathering-proof, shock-proof, halogen-free, sealable, special screw terminal for conductor entry on top, per pole up to 2 x 150 ² or 4 x 70 ² , for suitable cable in-feeds see accessories		



Abox-i 1500-150² grey, 4 pole up to 2 x 150 mm ² , AL/CU	490 485 01	1/1
<u>Accessories</u>		
AKL 125 terminal extension to 5 poles, 1-poles 2 x 150 mm ²	076 125 01	1/1
GKE 32 cable in feeds width 320 mm, 2 x 75 mm Ø	073 032 01	1/1
GKE 43 cable in feeds width 440 mm, 3 x 75 mm Ø	073 043 01	1/1
<u>Recommended Accessories from 120 mm²</u>		
1x GTi 1-g empty enclosure	010 401 01	1/1
2x GFL 20 flange	072 200 01	1/1
1x GZE cable strain relief	073 003 01	1/1
1x GKE 32 cable in feed	073 032 01	1/1
1x GFG 3 enclosure wall	072 803 01	1/1

Abox-i 1500 DK

440 x 320 x 179 mm



Entries end:
8 x M20/M25
2 x M32/M40
1 x M40/M50
Entries on each side:
4 x M16
3 x M40/M50

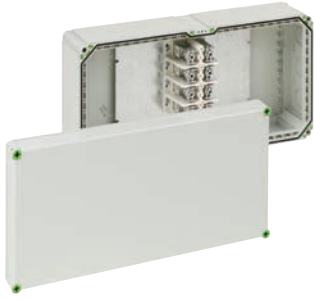
Junction box - Industrial Quality, $U_i=690V$, weathering-proof, shock-proof, halogen-free, with terminal block mounting, for suitable cable in-feeds see accessories		
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Abox-i 1500 DK-150² grey, with 4 terminal blocks 95 - 150 mm ²	490 585 01	1/1
<u>Accessories</u>		
URS RK1 terminal extension to 5 poles, 1-poles 2 x 150 mm ²	670 650 01	1/1
GKE 32 cable in feeds width 320 mm, 2 x 75 mm Ø	073 032 01	1/1
GKE 43 cable in feeds width 440 mm, 3 x 75 mm Ø	073 043 01	1/1
<u>Recommended Accessories from 120 mm²</u>		
1x GTi 1-g empty enclosure	010 401 01	1/1
2x GFL 20 flange	072 200 01	1/1
1x GZE cable strain relief	073 003 01	1/1
1x GKE 32 cable in feed	073 032 01	1/1
1x GFG 3 enclosure wall	072 803 01	1/1

Abox-i 2400

640 x 320 x 179 mm



Entries end:
8 x M20/M25
2 x M32/M40
1 x M40/M50
Entries on each side:
4 x M16
3 x M40/M50

Description

Junction box - Industrial Quality, $U_i=690V$, weathering-proof, shock-proof, halogen-free, sealable, special screw terminal for conductor entry on top, per pole up to 2 x 185²/240² or 4 x 120², for suitable cable in-feeds see accessories

Order No.

Packing Qty



Abox-i 2400-240²

grey, 4 pole up to 2 x 240 mm², AL/CU

490 494 01

1/1

Accessories

AKL 140 terminal extension

to 5 poles, 1-poles 2 x 240 mm²

076 140 01

1/1

GKE 32 cable in feeds

width 320 mm, 2 x 75 mm Ø

073 032 01

1/1

Recommended Accessories from 120 mm²

1x GTi 1-g empty enclosure

010 401 01

1/1

2x GFL 20 flange

072 200 01

1/1

1x GZE cable strain relief

073 003 01

1/1

1x GKE 32 cable in feed

073 032 01

1/1

1x GFG 3 enclosure wall

072 803 01

1/1

Abox-i 2400 DK

640 x 320 x 179 mm



Entries end:
8 x M16
6 x M40/M50
Entries on each side:
4 x M16
3 x M40/M50

Junction box - Industrial Quality, $U_i=690V$, weathering-proof, shock-proof, halogen-free, sealable, with terminal block mounting, for suitable cable in-feeds see accessories



Abox-i 2400 DK-240²

grey, with 4 terminal blocks 120 - 240 mm²

490 594 01

1/1

Accessories

URS RK1 terminal extension

to 5 poles, 1-poles 2 x 240 mm²

670 740 01

1/1

GKE 32 cable in feeds

width 320 mm, 2 x 75 mm Ø

073 032 01

1/1

Recommended Accessories from 120 mm²

1x GTi 1-g empty enclosure

010 401 01

1/1

2x GFL 20 flange

072 200 01

1/1

1x GZE cable strain relief

073 003 01

1/1

1x GKE 32 cable in feed

073 032 01

1/1

1x GFG 3 enclosure wall

072 803 01

1/1

Abox / Abox-i terminals



Description	Order No.	Packing Qty
Connecting terminal acc. DIN EN 60998 (VDE 0613), $U_i=690V$		
Terminals		
Abox 025/040 KLS-2,5²/4²	5-poles - 2.5/4 mm	840 004 01 160/10
Abox 060 KLS-6²	5-poles - 6 mm ²	840 006 01 100/1
Abox 100 KLS-10²	5-poles - 10 mm	840 010 01 160/1
Abox 160 KLS-16²	5-poles - 16 mm ²	840 016 01 50/1
Abox 250/350 KLS-25²/35²	5-poles - 35 mm	840 035 01 30/1
Abox 700 KLS-70²	5-poles - 70 mm	840 070 01 20/1
AKL 125	1-pole - 150 mm ²	076 125 01 12/1
AKL 140	1-pole - 240 mm ²	076 140 01 1/1

Sealing set



Sealing set		
Abox PST for junction boxes Abox/Abox-i 025 to 100, (from Abox / Abox-i 160, contained as standard in the delivery)	890 010 01	500/1

Cable in feeds



Cable entry via module with folded rubber for cables of up to 75 mm diameter for Abox-i 700 / 1500 / 2400		
GKE 32 Housing side 320 mm, for 2 x 75 mm diameter cables	073 032 01	4/1
GKE 43 Housing side 440 mm, for 3 x 75 mm diameter cables	073 043 01	4/1

cable clamp



Cable strain relief for cables up to 75 mm for Abox-i 2400		
GZE 3 Housing side 320 mm, for 1 x 75mm cable	073 003 01	10/1
GZE 4 Housing side 440 mm, for 1 x 75mm cable	073 004 01	5/1

Junction Boxes Abox / Abox-i Accessories

Mounting rail

35 x 7,5 mm



Description

Order No.

Packing Qty

Mounting rail acc. DIN EN 60715, 35 x 7,5, width 35mm, incl. fixing screws

NS35-81

TK 1111/1309/1313/1809/1811, Abox/Abox-i 060

198 081 01

1/1

NS35-106

TK 1309/1313, Abox/Abox-i 100

198 106 01

1/1

NS35-144/2

Abox/Abox-i 160
Abox/Abox-i 250

894 016 01

1/1

NS35-216/2

Abox/Abox-i 350

894 035 01

1/1

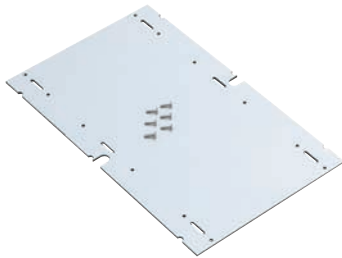
NS35-216/3

universal floor fixing, length 216 mm, with fixing screws

795 030 01

1/1

Mounting plates



Mounting plate made from insulation material for installing equipment with floor fixing, incl. fixing screws

	Dimensions/mm	Type	Order No.	Packing Qty
Abox 060 MPI	83 x 83	Abox/Abox-i 060	895 006 01	50/1
Abox 100 MPI	109 x 109	Abox/Abox-i 100	895 010 01	50/1
Abox 160 MPI	149 x 149	Abox/Abox-i 160 Abox/Abox-i 250	895 016 01	25/1
Abox 350 MPI	217 x 217	Abox/Abox-i 350	895 035 01	20/1
AK MPI 3	240 x 390 x 4.0	AKL / AKi 3-4, Abox/Abox-i 700	795 003 01	1/1