



- Easy cabling extension saves time
- Optimum flexibility for PV installations
- Extremely safe thanks to proven connection technology
- Unrestricted connectivity up to 6 mm<sup>2</sup>
- Safe investment since no special tools are needed → no crimping, no shrinking
- Temperature range -40°C to +85°C
- Standard-compliant installation

IP65

6<sup>2</sup>

IK07



1000V  
DC

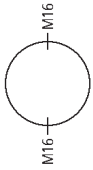
15 A



Industrial  
Quality

## Junction boxes PV48.

**PV 48**  
 Ø 48 mm



Description

Order No.

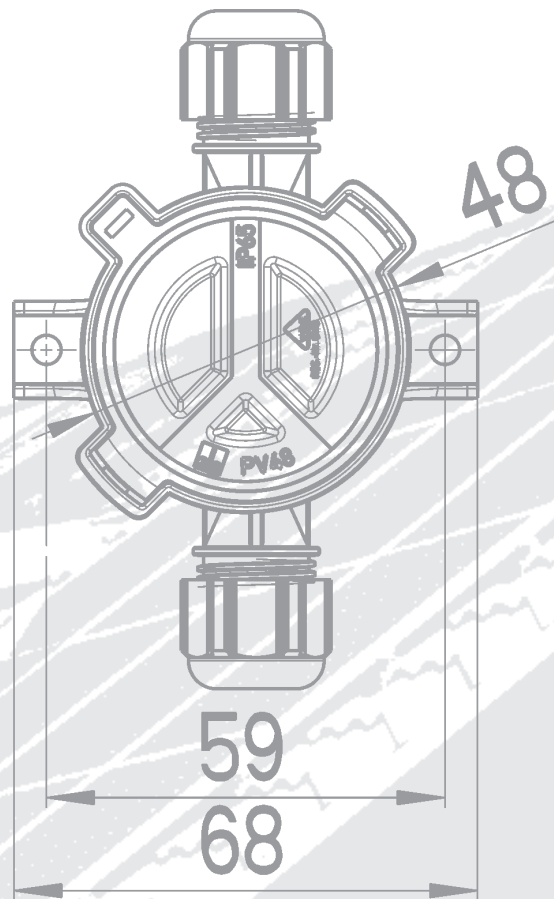
Packing Qty

PV junction box, - Industrial Quality - according to DIN VDE 0126-5, max. cable cross-section 6 mm<sup>2</sup>, with cable glands, M16, included, sealing range 4 - 7 mm

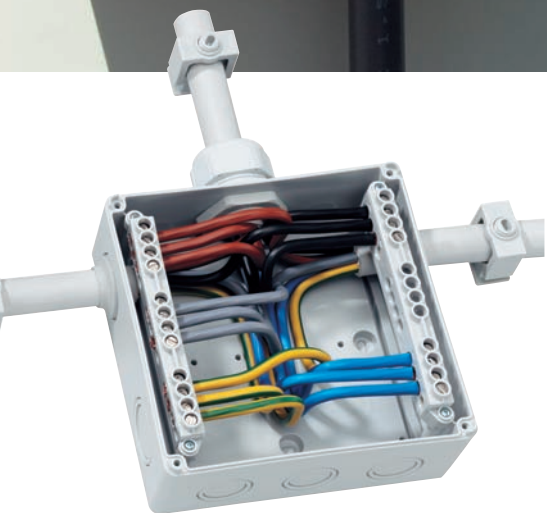
|      |                |      |  |          |      |  |  |  |
|------|----------------|------|--|----------|------|--|--|--|
| IP65 | 6 <sup>2</sup> | IK07 |  | 1000V DC | 15 A |  |  |  |
|------|----------------|------|--|----------|------|--|--|--|

|  |            |       |
|--|------------|-------|
| <b>PV 48</b><br>black, 1-pole - 6 mm <sup>2</sup> , (2 x 6 <sup>2</sup> ), with cage clamp terminals | 497 402 01 | 100/5 |
|--|------------|-------|

Junction boxes







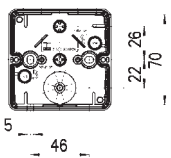
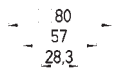
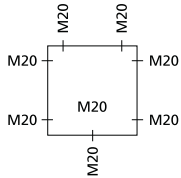
- Shockproof
- Ample room for connection
- Simple test method
- Raised terminals for quick and orderly wiring (from Abox 060)
- Quick installation with self-sealing membrane entries (on Abox 025 and 040)
- Impact-resistant and shatterproof (e.g. in sports halls)
- With red cover for identifying circuits for safety lighting
- Also suitable for use under extreme conditions



**Junction boxes Abox / Abox-i 025<sup>2</sup> to 2400<sup>2</sup>.**

## 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

IP65

2,5<sup>2</sup>

IK07



690V  
AC



### Abox 025-L

grey, without terminal

802 907 01

60/3

### Abox 025-2,5<sup>2</sup>

grey, with screw terminal,  
5-poles - 2.5 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup>)

802 407 01

60/3

### Abox 025-L/w

white, without terminal

802 607 01

60/3

### Abox 025-2,5<sup>2</sup>/w

white, with screw terminal,  
5-poles - 2.5 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup>)

802 107 01

60/3

### Abox 025 SB-L

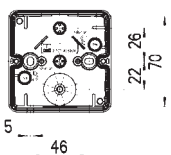
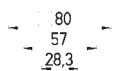
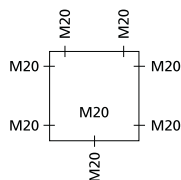
red cover, without terminal,  
for identifying circuits for safety lighting

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

IP65

2,5<sup>2</sup>

IK08



690V  
AC



### Abox-i 025-L

grey, without terminal

490 902 01

60/3

### Abox-i 025-2,5<sup>2</sup>

grey, with screw terminal,  
5-poles - 2.5 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup>)

490 402 01

60/3

### Abox-i 025 SB-L

red cover, without terminal,  
for identifying circuits for safety lighting

490 702 01

60/3

### Abox-i 025-L/sw

black, without terminal

491 902 01

60/3

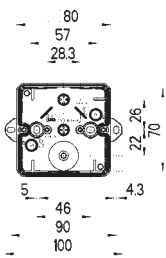
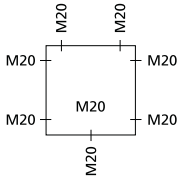
### Abox-i 025-2,5<sup>2</sup>/sw

black, with screw terminal,  
5-poles - 2.5 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup>)

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
2,5<sup>2</sup>
IK07
690V AC
D'E
halogen-free

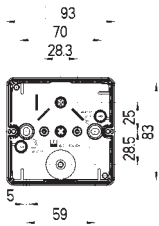
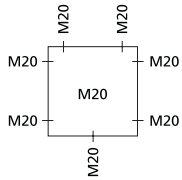
|   |            |      |
|---|------------|------|
| <b>Abox 025 AB-L</b><br>grey, without terminals   | 803 907 01 | 60/3 |
| <b>Abox 025 AB-2,5<sup>2</sup></b><br>grey, with screw terminals,<br>5-poles - 2.5 mm <sup>2</sup> (4 x 1.5 <sup>2</sup> / 4 x 2.5 <sup>2</sup> ) | 803 407 01 | 60/3 |
| <b>Abox 025 AB-L/w</b><br>white, without terminals  | 803 607 01 | 60/3 |
| <b>Abox 025 AB-Pot</b><br>grey, with 15 mm mounting rail TS 15, PE terminal block 4 <sup>2</sup>  | 803 427 01 | 60/3 |



The **Abox 25 AB-Pot** was specially designed for rooms with special requirements in relation to potential equalisation, such as IT 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

IP65

4<sup>2</sup>

IK07



690V  
AC



### Abox 040-L

grey, without terminal

804 907 01

60/3

### Abox 040-4,0<sup>2</sup>

grey, screw terminal,  
5-poles - 2.5/4.0 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 3 x 4.0<sup>2</sup>)

804 407 01

60/3

### Abox 040-L/w

white, without terminal

804 607 01

60/3

### Abox 040-4,0<sup>2</sup>/w

white, with screw terminal,  
5-poles - 2.5/4.0 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 3 x 4.0<sup>2</sup>)

804 107 01

60/3

### Abox 040 SB-L

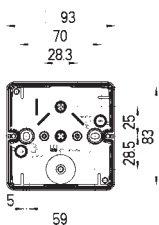
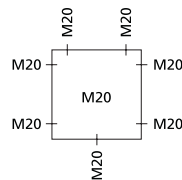
red cover, without terminal,  
for identifying circuits for safety lighting

804 707 01

60/3

## Abox-i 040

93 x 93 x 55 mm



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

IP65

4<sup>2</sup>

IK08



690V  
AC



### Abox-i 040-L

grey, without terminal

490 904 01

60/3

### Abox-i 040-4<sup>2</sup>

grey, with screw terminal,  
5-poles - 2.5/4.0 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 3 x 4.0<sup>2</sup>)

490 404 01

60/3

### Abox-i 040 SB-L

red cover, without terminal,  
for identifying circuits for safety lighting

490 704 01

60/3

### Abox-i 040-L/sw

black, without terminal

491 904 01

60/3

### Abox-i 040-4<sup>2</sup>/sw

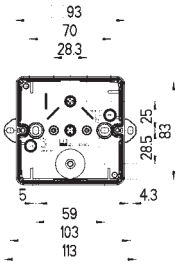
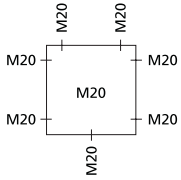
black, with screw terminal,  
5-poles - 2.5/4.0 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 3 x 4.0<sup>2</sup>)

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

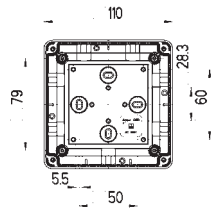
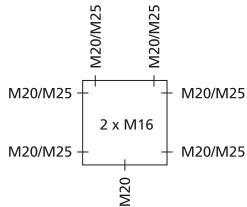
IP65
4<sup>2</sup>
IK07
690V AC
D'E
halogen-free

|  |            |      |
|--|------------|------|
| <b>Abox 040 AB-L</b><br>grey, without terminal   | 805 907 01 | 60/3 |
| <b>Abox 040 AB-4<sup>2</sup></b><br>grey, screw terminal,<br>5-poles - 2.5/4.0 mm <sup>2</sup> (4 x 1.5 <sup>2</sup> / 4 x 2.5 <sup>2</sup> / 3 x 4.0 <sup>2</sup> ) | 805 407 01 | 60/3 |
| <b>Abox 040 AB-L/w</b><br>white, without terminal  | 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 blanking plug M25, seal range 9 - 18.5 mm

IP65  
IP54

6<sup>2</sup>

IK07



690V  
AC



**Abox 060-L**  
grey, without terminal

806 907 01

24/2

**Abox 060-6<sup>2</sup>**  
grey, with high-set screw terminal,  
5-pole - 6 mm<sup>2</sup> (4 x 2.5<sup>2</sup> / 4 x 4<sup>2</sup> / 3 x 6<sup>2</sup>)

806 407 01

24/2

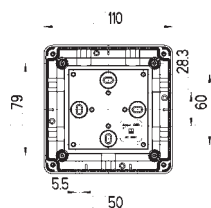
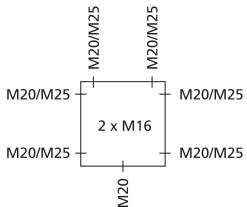
**Abox 060 SB-L**  
red cover, without terminal,  
for identifying circuits for safety lighting

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

IP65

6<sup>2</sup>

IK08



690V  
AC



**Abox-i 060-L**  
grey, without terminal

490 906 01

24/2

**Abox-i 060-6<sup>2</sup>**  
grey, with high-set screw terminal,  
5-pole - 6 mm<sup>2</sup> (4 x 2.5<sup>2</sup> / 4 x 4<sup>2</sup> / 3 x 6<sup>2</sup>)

490 406 01

24/2

**Abox-i 060-L/sw**  
black, without terminal

491 906 01

24/2

**Abox-i 060-6<sup>2</sup>/sw**  
black, with high-set screw terminal,  
5-pole - 6 mm<sup>2</sup> (4 x 2.5<sup>2</sup> / 4 x 4<sup>2</sup> / 3 x 6<sup>2</sup>)

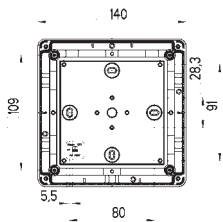
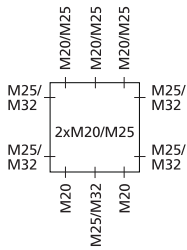
491 406 01

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 blanking plug M32, seal range 13 - 23 mm

IP65  
IP54

10<sup>2</sup>

IK07



690V  
AC



**Abox 100-L**  
grey, without terminal

810 910 01

20/2

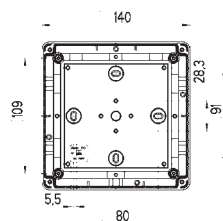
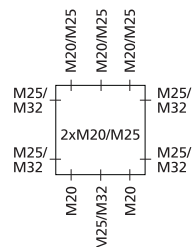
**Abox 100-10<sup>2</sup>**  
grey, with high-set screw terminal,  
5-poles - 10 mm<sup>2</sup> (4 x 4<sup>2</sup> / 4 x 6<sup>2</sup> / 4 x 10<sup>2</sup>)

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

IP65

10<sup>2</sup>

IK08



690V  
AC



**Abox-i 100-L**  
grey, without terminal

490 910 01

20/2

**Abox-i 100-10<sup>2</sup>**  
grey, with high-set screw terminal,  
5-poles - 10 mm<sup>2</sup> (4 x 4<sup>2</sup> / 4 x 6<sup>2</sup> / 4 x 10<sup>2</sup>)

490 410 01

20/2

**Abox-i 100-L/sw**  
black, without terminal

491 910 01

20/2

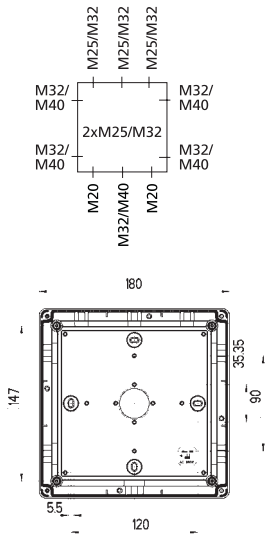
**Abox-i 100-10<sup>2</sup>/sw**  
black, with high-set screw terminal,  
5-poles - 10 mm<sup>2</sup> (4 x 4<sup>2</sup> / 4 x 6<sup>2</sup> / 4 x 10<sup>2</sup>)

491 410 01

20/2

## 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 blanking plug M40, seal range 17 - 30 mm, with sealing kit

IP65  
IP54

16<sup>2</sup>

IK07



690V  
AC



**Abox 160-L**  
grey, without terminals

816 910 01

10/1

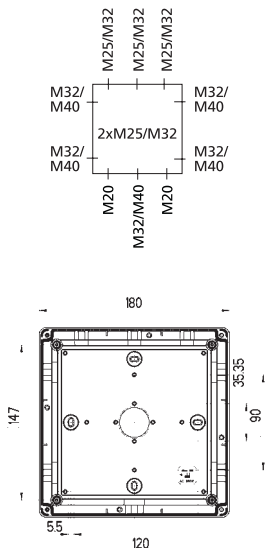
**Abox 160-16<sup>2</sup>**  
grey, with high-set screw terminals,  
5-poles - 16 mm<sup>2</sup> (4 x 6<sup>2</sup> / 4 x 10<sup>2</sup> / 4 x 16<sup>2</sup>)

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

IP65

16<sup>2</sup>

IK08



690V  
AC



**Abox-i 160-L**  
grey, without terminals

490 916 01

10/1

**Abox-i 160-16<sup>2</sup>**  
grey, with high-set screw terminals,  
5-poles - 16 mm<sup>2</sup> (4 x 6<sup>2</sup> / 4 x 10<sup>2</sup> / 4 x 16<sup>2</sup>)

490 416 01

10/1

**Abox-i 160-L/sw**  
black, without terminals

491 916 01

10/1

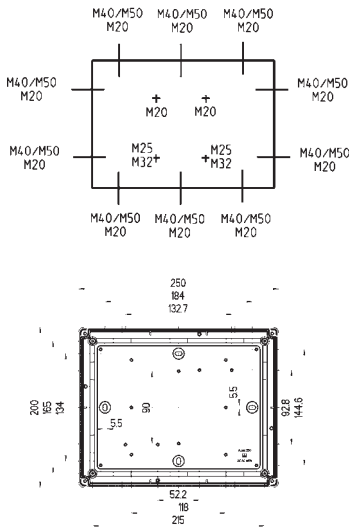
**Abox-i 160-16<sup>2</sup>/sw**  
black, with high-set screw terminals,  
5-poles - 16 mm<sup>2</sup> (4 x 6<sup>2</sup> / 4 x 10<sup>2</sup> / 4 x 16<sup>2</sup>)

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 blanking plug M40, seal range 17 - 30 mm, with sealing kit

IP65  
IP54

25<sup>2</sup>

IK07



690V  
AC



**Abox 250-L**  
grey, without terminals

825 910 01

4/1

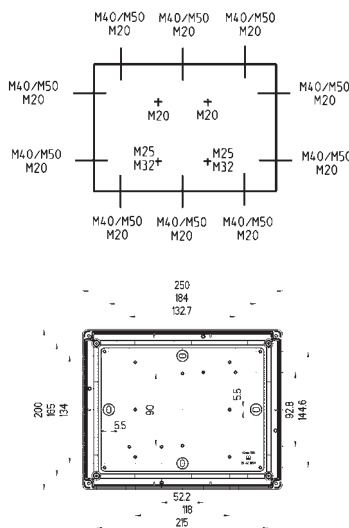
**Abox 250-25<sup>2</sup>**  
grey, with high-set screw terminals,  
5-pole - 25 mm<sup>2</sup> (4 x 10<sup>2</sup> / 4 x 16<sup>2</sup> / 4 x 25<sup>2</sup>)

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

IP65

25<sup>2</sup>

IK08



690V  
AC



**Abox-i 250-L**  
grey, without terminals

490 925 01

4/1

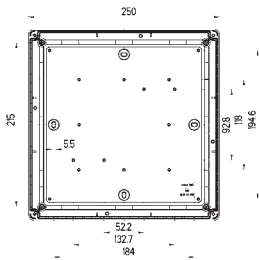
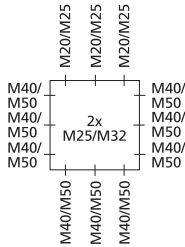
**Abox-i 250 25<sup>2</sup>**  
grey, with high-set screw terminals,  
5-pole - 25 mm<sup>2</sup> (4 x 10<sup>2</sup> / 4 x 16<sup>2</sup> / 4 x 25<sup>2</sup>)

490 425 01

4/1

## 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 blanking plug M40, seal range 17 - 30 mm, with sealing kit

IP65  
IP54

35<sup>2</sup>

IK07



690V  
AC



**Abox 350-L**  
grey, without terminals

835 910 01

4/1

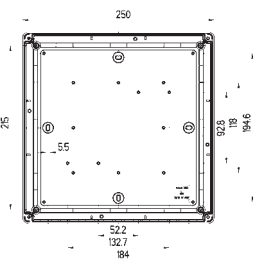
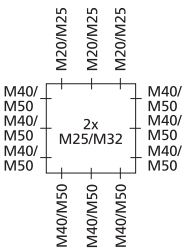
**Abox 350-35<sup>2</sup>**  
grey, with high-set screw terminals,  
5-poles - 35 mm<sup>2</sup> (4 x 16<sup>2</sup> / 4 x 25<sup>2</sup> / 4 x 35<sup>2</sup>)

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

IP65

35<sup>2</sup>

IK08



690V  
AC



**Abox-i 350-L**  
grey, without terminals

490 935 01

4/1

**Abox-i 350-35<sup>2</sup>**  
grey, with high-set screw terminals,  
5-poles - 35 mm<sup>2</sup> (4 x 16<sup>2</sup> / 4 x 25<sup>2</sup> / 4 x 35<sup>2</sup>)

490 435 01

4/1

**Abox-i 350-L/sw**  
black, without terminals

491 935 01

4/1

**Abox-i 350-35<sup>2</sup>/sw**  
black, with high-set screw terminals,  
5-poles - 35 mm<sup>2</sup> (4 x 16<sup>2</sup> / 4 x 25<sup>2</sup> / 4 x 35<sup>2</sup>)

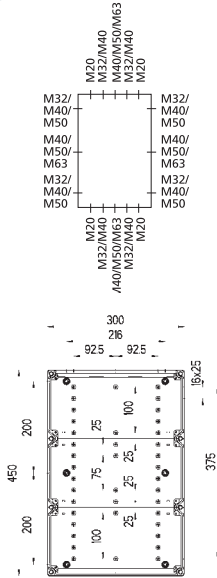
491 435 01

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

70<sup>2</sup>

IK07



690V  
AC



**Abox 700-L**  
grey, without terminals

870 910 01

1/1

**Abox 700-70<sup>2</sup>**  
grey, 4 terminal blocks 4 x 70 mm<sup>2</sup>

870 410 01

1/1

### Accessories

**Abox 700 KLS-70<sup>2</sup>**  
1-pole - 70 mm<sup>2</sup>

840 070 01

20/1

**NS35-216/3**  
universal floor fixing

795 030 01

1/1

**AK MPI 3**  
AKL/AKi 3-4, Abox/Abox-i-700

795 003 01

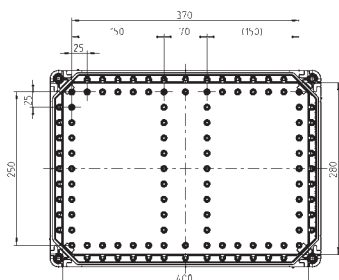
1/1

## 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

IP65

70<sup>2</sup>

IK08



690V  
AC



**Abox-i 700-70<sup>2</sup>**  
grey, with 4 terminal blocks 4 x 70 mm<sup>2</sup>, 16 - 70<sup>2</sup>

490 470 01

1/1

### Accessories

**Abox 700 KLS-70<sup>2</sup>**  
1-pole - 70 mm<sup>2</sup>

840 070 01

20/1

**GKE 32**  
Housing side 320 mm, for 2 x 75 mm diameter cables

073 032 01

4/1

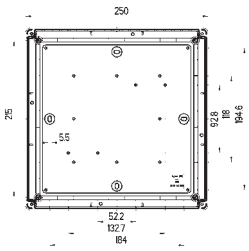
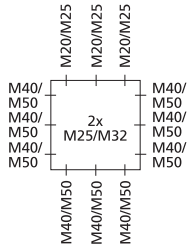
**GKE 43**  
Housing side 440 mm, for 3 x 75 mm diameter cables

073 043 01

4/1

## 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 mm<sup>2</sup>, with IP54 attachment bushes, with blanking plug M40, with twist nipple M50, screw terminal 4-pole 25 mm<sup>2</sup>, input per pole 2 x 25 mm<sup>2</sup>, output per pole 4 x 16 mm<sup>2</sup>, with sealing kit

IP65  
IP54

25<sup>2</sup>

IK07



690V  
AC



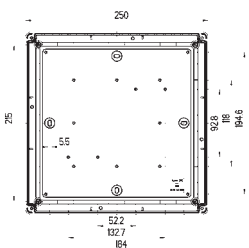
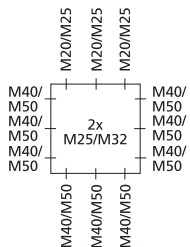
**Abox HA 250**  
grey, with 4 pole screw terminal 25 mm<sup>2</sup>

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 mm<sup>2</sup>, with IP54 attachment bushes, with blanking plug M40, with twist nipple M50, screw terminal 4-pole 35 mm<sup>2</sup>, input per pole 2 x 35 mm<sup>2</sup>, output per pole 4 x 35 mm<sup>2</sup>, with sealing kit

IP65  
IP54

35<sup>2</sup>

IK07



690V  
AC



**Abox HA 350**  
grey, with 4 pole screw terminal 35 mm<sup>2</sup>

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<sup>2</sup> or 4 x 70<sup>2</sup>, for suitable cable in-feeds see accessories

IP65

150<sup>2</sup>

IK08



690V  
AC



### Abox-i 1500-150<sup>2</sup>

grey, 4 pole up to 2 x 150 mm<sup>2</sup>, AL/CU

490 485 01

1/1

### Accessories

#### AKL 125

250 A

076 125 01

12/1

#### 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

### Recommended accessories from 120 mm<sup>2</sup>

#### 1x GTi 1-g Empty housing

010 401 01

1/1

#### 2x GFL 20 Flange

072 200 01

20/1

#### 1x GZE 3 Cable clamp

073 003 01

10/1

#### 1x GKE 32 Cable entry

073 032 01

4/1

#### 1x GFG 3 Flange bar

072 803 01

20/1

## 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

IP65

150<sup>2</sup>

IK08



690V  
AC



### Abox-i 1500 DK-150<sup>2</sup>

grey, with 4 terminal blocks 95 - 150 mm<sup>2</sup>

490 585 01

1/1

### Accessories

#### URS RK1-150mm<sup>2</sup>

Upgrade kit for 5-pole

670 650 01

1/1

#### 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

### Recommended accessories from 120 mm<sup>2</sup>

#### 1x GTi 1-g Empty housing

010 401 01

1/1

#### 2x GFL 20 Flange

072 200 01

20/1

#### 1x GZE 3 Cable clamp

073 003 01

10/1

#### 1x GKE 32 Cable entry

073 032 01

4/1

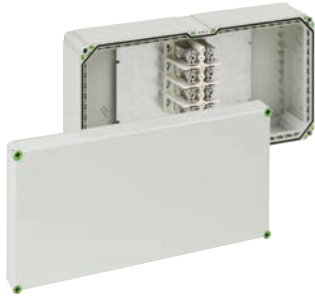
#### 1x GFG 3 Flange bar

072 803 01

20/1

## Abox-i 2400

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

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 185<sup>2</sup>/240<sup>2</sup> or 4 x 120<sup>2</sup>, for suitable cable in-feeds see accessories

IP65

240<sup>2</sup>

IK08



690V  
AC



### Abox-i 2400-240<sup>2</sup>

grey, 4 pole up to 2 x 240 mm<sup>2</sup>, AL/CU

490 494 01

1/1

### Accessories

**AKL 140**  
400 A

076 140 01

1/1

**GKE 32**

Housing side 320 mm, for 2 x 75 mm diameter cables

073 032 01

4/1

### Recommended accessories from 120 mm<sup>2</sup>

1x GTi 1-g Empty housing

010 401 01

1/1

2x GFL 20 Flange

072 200 01

20/1

1x GZE 3 Cable clamp

073 003 01

10/1

1x GKE 32 Cable entry

073 032 01

4/1

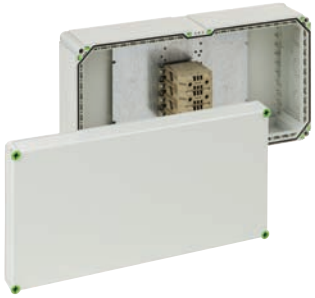
1x GFG 3 Flange bar

072 803 01

20/1

## 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

IP65

240<sup>2</sup>

IK08



690V  
AC



### Abox-i 2400 DK-240<sup>2</sup>

grey, with 4 terminal blocks 120 - 240 mm<sup>2</sup>

490 594 01

1/1

### Accessories

**URS RK1-240mm<sup>2</sup>**

670 740 01

1/1

**GKE 32**

Housing side 320 mm, for 2 x 75 mm diameter cables

073 032 01

4/1

### Recommended accessories from 120 mm<sup>2</sup>

1x GTi 1-g Empty housing

010 401 01

1/1

2x GFL 20 Flange

072 200 01

20/1

1x GZE 3 Cable clamp

073 003 01

10/1

1x GKE 32 Cable entry

073 032 01

4/1

1x GFG 3 Flange bar

072 803 01

20/1



## 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-2,5 <sup>2</sup> /4 <sup>2</sup> | 5-poles - 2.5/4mm <sup>2</sup> | 840 004 01 | 160/10 |  |
| Abox 060 KLS-6 <sup>2</sup>                       | 5-poles - 6mm <sup>2</sup>     | 840 006 01 | 100/1  |  |
| Abox 100 KLS-10 <sup>2</sup>                      | 5-poles - 10mm <sup>2</sup>    | 840 010 01 | 160/1  |  |
| Abox 160 KLS-16 <sup>2</sup>                      | 5-poles - 16mm <sup>2</sup>    | 840 016 01 | 50/1   |  |
| Abox 250/350 KLS-25 <sup>2</sup> /35 <sup>2</sup> | 5-poles - 35mm <sup>2</sup>    | 840 035 01 | 30/1   |  |
| Abox 700 KLS-70 <sup>2</sup>                      | 5-poles - 70mm <sup>2</sup>    | 840 070 01 | 20/1   |  |
| AKL 125   | 1-pole - 150mm <sup>2</sup>    | 076 125 01 | 12/1   |  |
| AKL 140   | 1-pole - 240mm <sup>2</sup>    | 076 140 01 | 1/1    |  |

## Abox PST



Sealing set

|  |            |       |
|--|------------|-------|
| <b>Abox PST</b><br>for junction boxes Abox/Abox-i 025 to 100,<br>(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

|   |            |     |
|---|------------|-----|
| <b>GKE 32</b><br>Housing side 320 mm, for 2 x 75 mm diameter cables | 073 032 01 | 4/1 |
| <b>GKE 43</b><br>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 1500/2400

|   |            |      |
|---|------------|------|
| <b>GZE 3</b><br>Housing side 320 mm, for 1 x 75mm cable | 073 003 01 | 10/1 |
| <b>GZE 4</b><br>Housing side 440 mm, for 1 x 75mm cable | 073 004 01 | 5/1  |

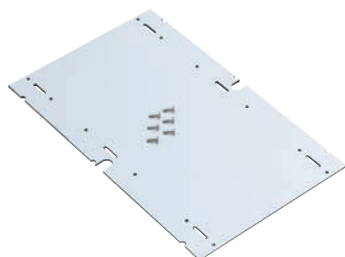
### Mounting rail

35 mm



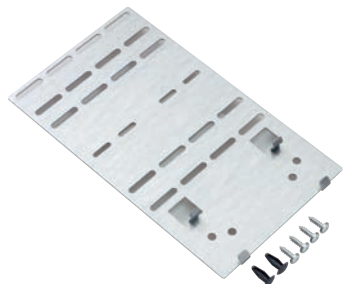
| Description  | Order No.  | Packing Qty |
|--|------------|-------------|
| Mounting rail acc. DIN EN 60715, 35 x 7.5, width 35mm, incl. fixing screws     |            |             |
| <b>NS 35-81</b><br>TK 1111/1309/1313/1809/1811, Abox/Abox-i 060                | 198 081 01 | 1/1         |
| <b>NS 35-106</b><br>TK 1309/1313, Abox/Abox-i 100                              | 198 106 01 | 1/1         |
| <b>NS35-144/2</b><br>Abox/Abox-i 160, Abox/Abox-i 250                          | 894 016 01 | 1/1         |
| <b>NS35-216/2</b><br>Abox/Abox-i 350   | 894 035 01 | 1/1         |
| <b>NS35-216/3</b><br>universal floor fixing, length 216 mm, with fixing screws | 795 030 01 | 1/1         |

### Mounting plates

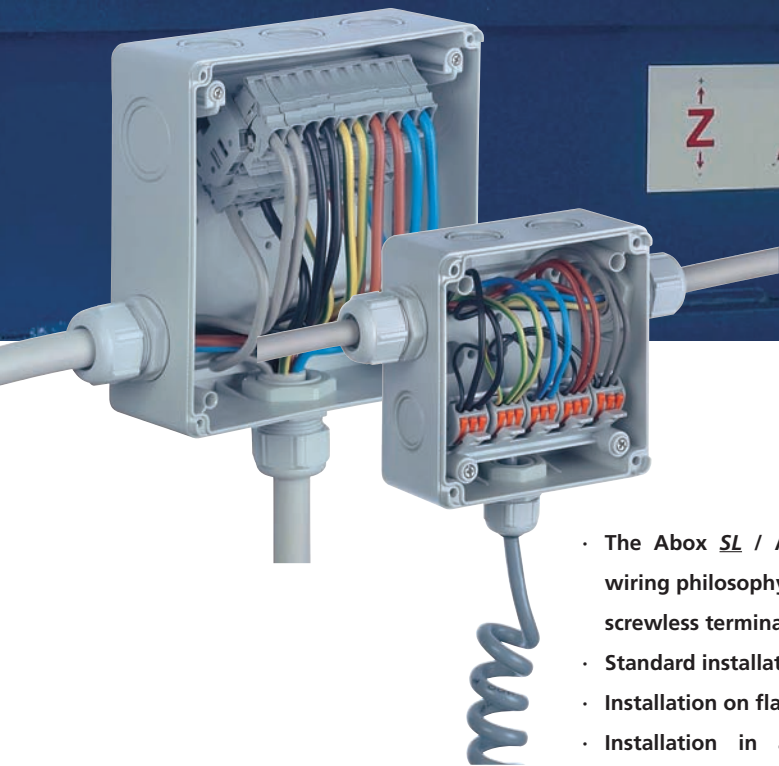


| Description   |                 | Dimensions/mm                  |            |      | for type |  |
|---|-----------------|--------------------------------|------------|------|----------|--|
| Made of insulation material for fitting in equipment with floor fixing, including fixing screws |                 |                                |            |      |          |  |
| <b>Abox 060 MPI</b>   | 83 x 83         | Abox/Abox-i 060                | 895 006 01 | 50/1 |          |  |
| <b>Abox 100 MPI</b>   | 109 x 109       | Abox/Abox-i 100                | 895 010 01 | 50/1 |          |  |
| <b>Abox 160 MPI</b>   | 149 x 149       | Abox/Abox-i 160                | 895 016 01 | 25/1 |          |  |
|   |                 | Abox/Abox-i 250                |            |      |          |  |
| <b>Abox 350 MPI</b>   | 217 x 217       | Abox/Abox-i 350                | 895 035 01 | 20/1 |          |  |
| <b>AK MPI 3</b>   | 240 x 390 x 4.0 | AKL / AKi 3-4, Abox/Abox-i 700 | 795 003 01 | 1/1  |          |  |

### Mounting plate cable tray



| Description  |            |      |
|--|------------|------|
| Mounting plate made of sheet steel, incl. fixing screws, for mounting on Stago/van Geel cable tray, for mouting of Abox junction boxes |            |      |
| <b>MPS-KRI</b>   | 194 101 01 | 50/1 |



- The Abox SL / Abox-i SL combines the wiring philosophy of the Abox series with screwless terminal technology.
- Standard installation in wet rooms
- Installation on flammable surfaces
- Installation in agricultural and horticultural premises
- Installation in areas with increased requirements for vibration and shock resistance
- Quick installation thanks to screwless terminal technology
- 0.5 - 16 (25) mm<sup>2</sup>
- Maintenance-free
- Vibration- and shock-proof

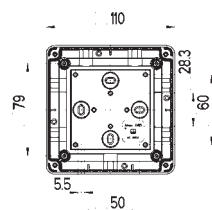
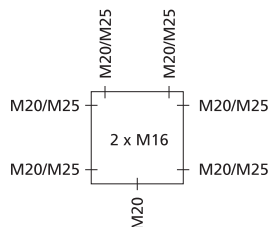
SL\* = Screwless terminal technology



## Junction boxes Abox SL / Abox-i SL\*.

### Abox SL-2,5<sup>2</sup>

110 x 110 x 67 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), U<sub>i</sub>=400V, with IP54 attachment bushes, with blanking plug M25, seal range 9 - 18.5 mm



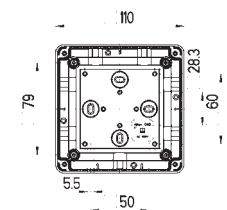
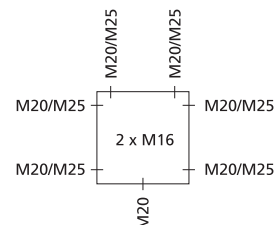
**Abox SL-2,5<sup>2</sup>**  
 grey, with 5-pole high-set screwless terminal, max. cross-section acc. EN 60998: 2.5 mm<sup>2</sup>, for current carrying capacity of 32 A, cross sections that can be clamped per pole: 3 x 0.08 up to 2.5 mm<sup>2</sup> rigid and flexible

806 807 01

24/2

### Abox-i SL-2,5<sup>2</sup>

110 x 110 x 67 mm



Junction box - **Industrial Quality** - acc. DIN EN 60670-1/-22, U<sub>i</sub>=400V, weathering-proof, shock-proof, halogen-free, with IP66 double-membrane seals, M25, seal range 9 - 18.5 mm, for suitable cable in-feeds see accessories



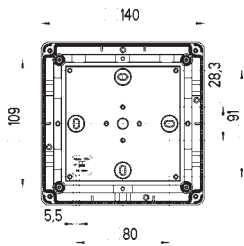
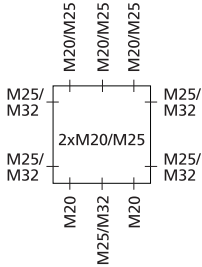
**Abox-i SL-2,5<sup>2</sup>**  
 grey, with 5-pole high-set screwless terminal, for current carrying capacity of 32 A, max. cross-section acc. EN 60998: 2.5 mm<sup>2</sup>, cross sections that can be clamped per pole: 3 x 0.08 up to 2.5 mm<sup>2</sup> rigid and flexible

490 806 01

24/2



**Abox SL-6<sup>2</sup>**  
140 x 140 x 79 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), U<sub>i</sub>=690V, with IP54 attachment bushes, with blanking plug M32, seal range 13 - 23 mm

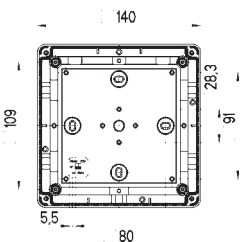
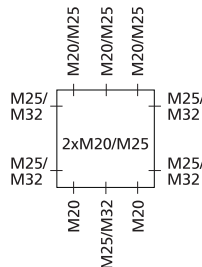
IP65 IP54 6<sup>2</sup> IK07 690V AC D'E halogen-free

**Abox SL-6<sup>2</sup>**  
grey, with 5-pole high-set screwless terminal, max. cross-section acc. EN 60998: 6 mm<sup>2</sup>, for current carrying capacity of 41 A, cross sections that can be clamped per pole: 4 x 0.5 up to 10 mm<sup>2</sup> rigid and flexible

810 810 01

20/2

**Abox-i SL-6<sup>2</sup>**  
140 x 140 x 79 mm



Junction box - Industrial Quality - acc. DIN EN 60670-1/-22, U<sub>i</sub>=690V, weathering-proof, shock-proof, halogen-free, with IP66 double-membrane seals, M32, seal range 14 - 21 mm

IP65 6<sup>2</sup> IK08 690V AC D'E halogen-free

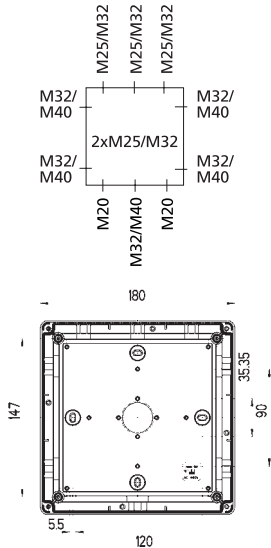
**Abox-i SL-6<sup>2</sup>**  
grey, with 5-pole high-set screwless terminal, max. cross-section acc. EN 60998: 6 mm<sup>2</sup>, for current carrying capacity of 41 A, cross sections that can be clamped per pole: 4 x 0.5 up to 10 mm<sup>2</sup> rigid and flexible

490 810 01

20/2

### Abox SL-10<sup>2</sup>

180 x 180 x 91 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), U<sub>i</sub>=690V, with IP54 attachment bushes, with blanking plug M40, seal range 17 - 30 mm, with sealing kit

IP65  
IP54

10<sup>2</sup>

IK07



690V  
AC



#### Abox SL-10<sup>2</sup>

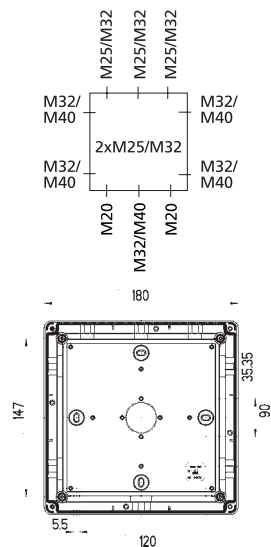
grey, with 5-pole high-set screwless terminal, max. cross-section acc. EN 60998: 10 mm<sup>2</sup>, for current carrying capacity of 57 A, cross sections that can be clamped per pole: 4 x 0.5 up to 16 mm<sup>2</sup> rigid and flexible

816 810 01

10/1

### Abox-i SL-10<sup>2</sup>

180 x 180 x 91 mm



Junction box - Industrial Quality - acc. DIN EN 60670-1/-22, U<sub>i</sub>=690V, weathering-proof, shock-proof, halogen-free, with sealing kit, for suitable cable in-feeds see accessories

IP65

10<sup>2</sup>

IK08



690V  
AC



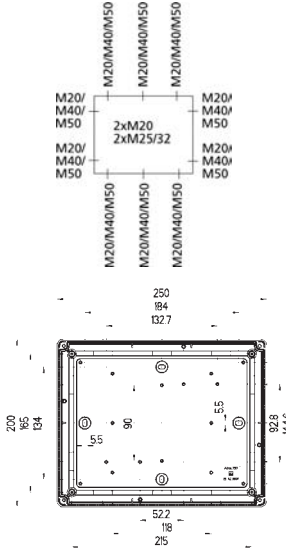
#### Abox-i SL-10<sup>2</sup>

grey, with 5-pole high-set screwless terminal, max. cross-section acc. EN 60998: 10 mm<sup>2</sup>, for current carrying capacity of 57 A, cross sections that can be clamped per pole: 4 x 0.5 up to 16 mm<sup>2</sup> rigid and flexible

490 816 01

10/1

**Abox SL-16<sup>2</sup>**  
250 x 200 x 115 mm



Description

Order No.

Packing Qty

Junction box acc. DIN EN 60670 (VDE 0606), U<sub>i</sub>=690V, with IP54 attachment bushes, with blanking plug M40, seal range 17 - 30 mm, with sealing kit

IP65  
IP54

16<sup>2</sup>

IK07



690V  
AC



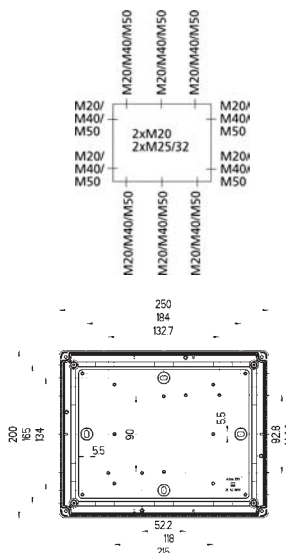
**Abox SL-16<sup>2</sup>**

grey, with 5-pole high-set screwless terminal, max. cross-section acc. EN 60998: 16 mm<sup>2</sup>, for current carrying capacity of 76 A, cross sections that can be clamped per pole: 4 x 0.5 up to 16 mm<sup>2</sup> rigid and flexible, rigid, 4 x 0.5 up to 25 mm<sup>2</sup> flexible

835 810 01

4/1

**Abox-i SL-16<sup>2</sup>**  
250 x 200 x 115 mm



Junction box - Industrial Quality - acc. DIN EN 60670-1/-22, U<sub>i</sub>=690V, weathering-proof, shock-proof, halogen-free, with sealing kit, for suitable cable in-feeds see accessories

IP65

16<sup>2</sup>

IK08



690V  
AC



**Abox-i SL-16<sup>2</sup>**

grey, with 5-pole high-set screwless terminal, max. cross-section acc. EN 60998: 16 mm<sup>2</sup>, for current carrying capacity of 76 A, cross sections that can be clamped per pole: 4 x 0.5 up to 16 mm<sup>2</sup> rigid and flexible, rigid, 4 x 0.5 up to 25 mm<sup>2</sup> flexible

490 835 01

4/1