WSFB 50/52 & WSSH 50/52/54

Flush mount & surface mount kits for WS stations and expansion modules

Flush mount kit
WSFB 50P

Flush mount kit
WSFB 50V

Surface mount kit
WSSH 50V

Surface mount kit
WSSH 50P

Surface mount kit
WSSH 54P

Flush mount kit
WSFB 52P

Flush mount kit
WSFB 52V

Surface mount kit
WSSH 52V

Surface mount kit
WSSH 52P

Rain protection roof
WSRR 50V

Flush mount kits – polycarbonate construction

WSFB 50P flush mount kit in format "full height"
WSFB 52P flush mount kit in format "half height"

Flush mount kits – vandal resistant

WSFB 50V flush mount kit in format "full height".
Available versions:

WSFB 50V SS	Stainless steel finish
WSFB 50V OR	Orange RAL 2004

WSFB 50V SS FL stainless steel flush mount kit in format "full height, flush with plaster".

WSFB 52V SS flush mount kit with stainless steel finish in format "half height".

Surface mount kits – polycarbonate construction

WSSH 50P surface mount kit in format "full height"
WSSH 52P surface mount kit in format "half height"
WSSH 54P surface mount kit in format "half width"

Surface mount kits – vandal resistant

Material: powder coated stainless steel. Thickness: 1.5 mm (0.06 in)

WSSH 50V surface mount kit in format "full height".
Available versions:

WSSH 50V SS	Stainless steel
WSSH 50V WA	White aluminium RAL 9006
WSSH 50V OR	Orange RAL 2004
WSSH 50V OR EM	Orange RAL 2004 with inscription "SOS"
WSSH 50V YL EM	Yellow RAL 1016 with inscription "HELP"

WSSH 52V SS stainles steel surface mount kit in format "half height".

Rain protection roof

WSRR 50V stainless steel rain protection roof for vandal resistant stations and expansion modules in format "full height".

COMMEND

WSFB 50P flush mount kit
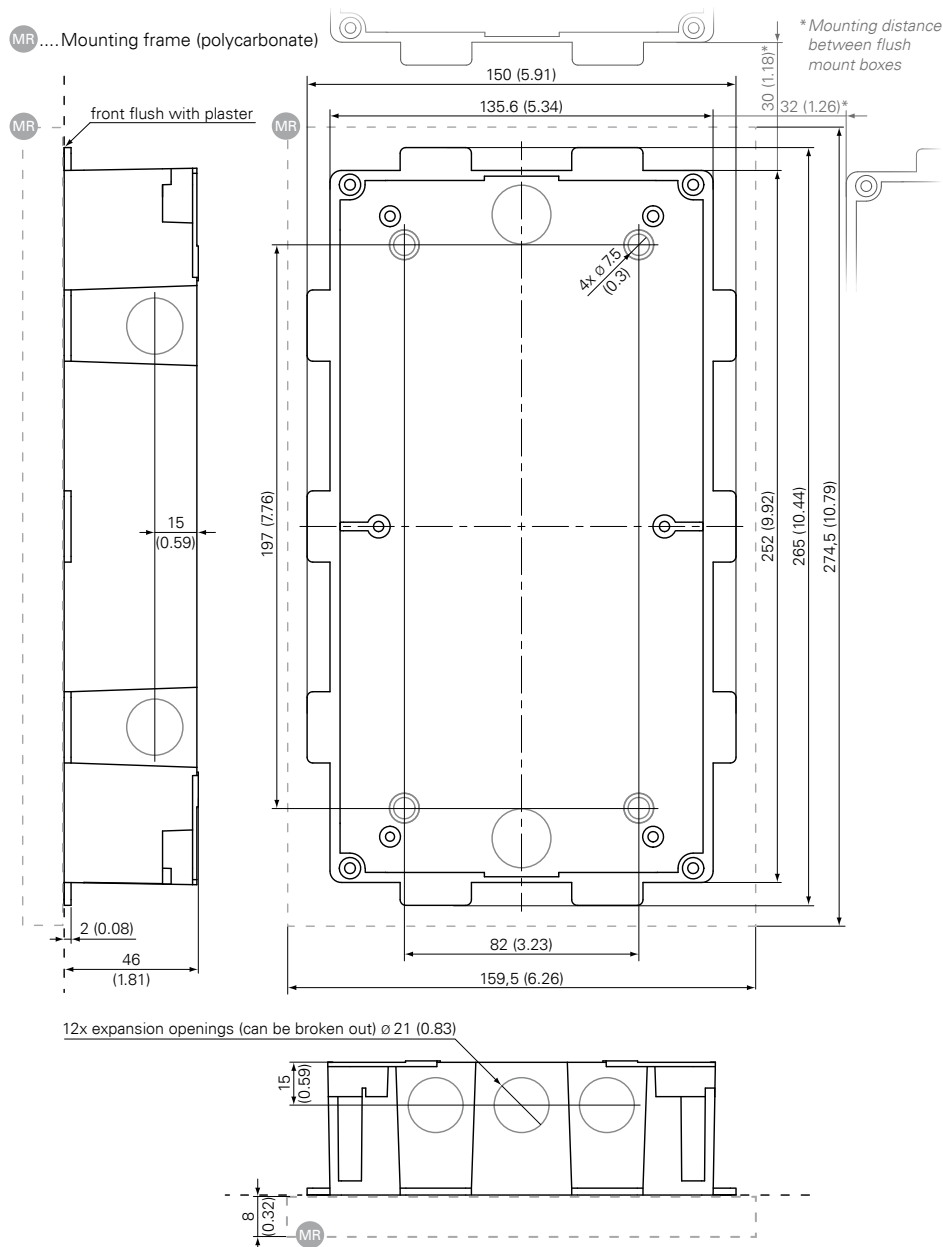## Installation Instructions

Extent of supply

– Flush mount box polycarbonate (incl. cavity wall claws and cover lid)
– Mounting frame polycarbonate (incl. gaskets and mounting screws)
– 3 x IP66 cable feed through
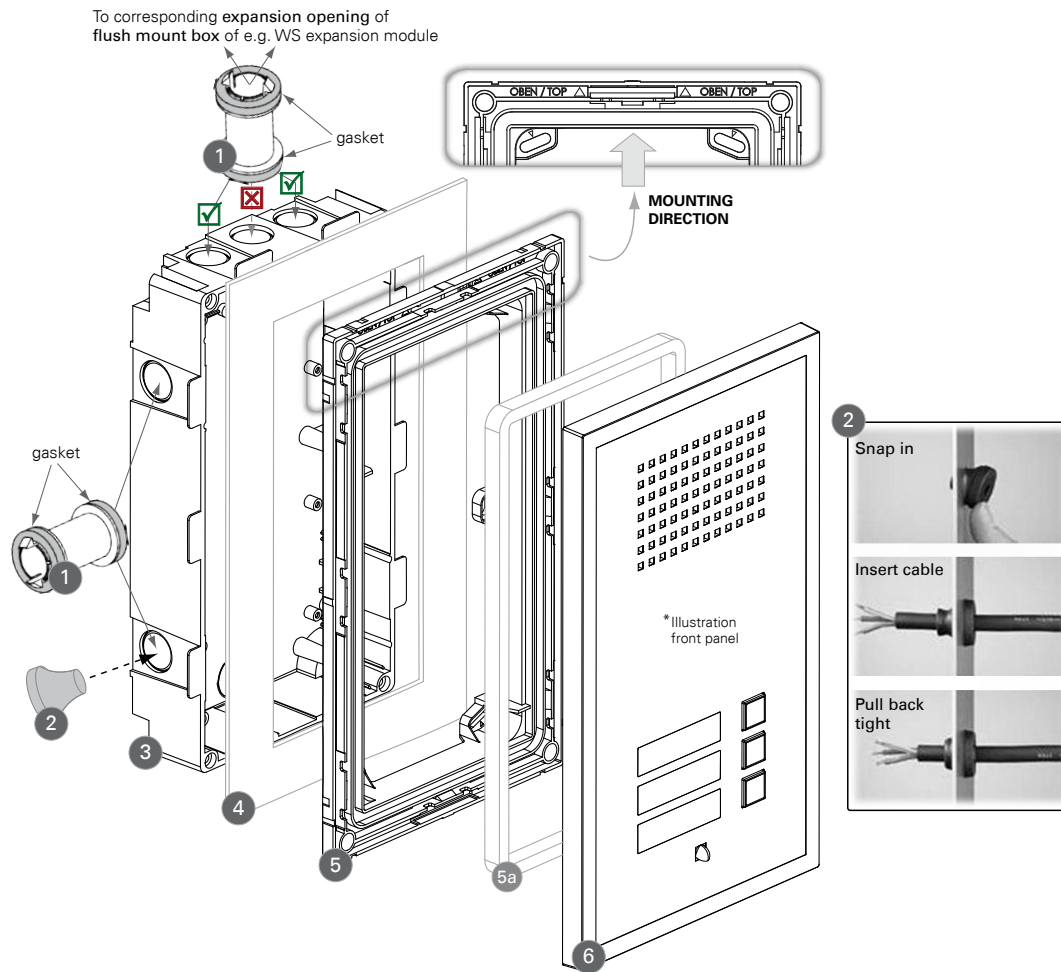– Cable fixing brackets (incl. screws)
– Short reference

Weight

Weight incl. package: approx. 380 g (0.84 lbs)

Dimensions

Measuring units in mm (inch), not to scale! Cutout for flush mount box: 136 (5.36) x 252 (9.92)

MR....Mounting frame (polycarbonate)

*Mounting distance between flush mount boxes

front flush with plaster

150 (5.91)
135.6 (5.34)
30 (1.18)*
32 (1.26)*
4x Ø 7.5 (0.3)
197 (7.76)
252 (9.92)
265 (10.44)
274,5 (10.79)
15 (0.59)
2 (0.08)
46 (1.81)
82 (3.23)
159,5 (6.26)

12x expansion openings (can be broken out) Ø 21 (0.83)
15 (0.59)
8 (0.32)

COMMEND

Mounting WSFB 50P flush mount kit

To corresponding **expansion opening** of **flush mount box** of e.g. WS expansion module

gasket

gasket

MOUNTING DIRECTION

*Illustration front panel

Snap in

Insert cable

Pull back tight

① ..... **Connection spacer (with gaskets) for connecting two flush mount boxes and for cable feed through**
   → When mounting the device to the top or bottom side of a WS station or an expansion module, the connection spacer in the extent of supply has to be mounted to the outer expansion openings (see above)
   → Make sure the connection spacer is snaped-in correctly in the expansion opening!

② ..... **IP66 cable feed through**
   → The cable feed through can be put in after breaking out the expansion openings (installation cable feed through see above)

③ ..... **Flush mount box (polycarbonate)**
   → For cavity wall mounting or installation in a desk, use avity wall claws (wall thickness: 2 to 30 mm / 0.08 to 1.18 in)

④ ..... **Gasket**

⑤ ..... **Mounting frame (polycarbonate)**   5a ..... **Top gasket for mounting frame** *(mounted ex works)*
   → Screw mounting frame onto the flush mount box (screws in extent of supply)

⑥ ..... **Front panel (polycarbonate) with station electronics**
   → Mounting: Press the front panel onto the mounting frame
   → Dismounting: Pull off the front panel

WSFB 52P flush mount kit
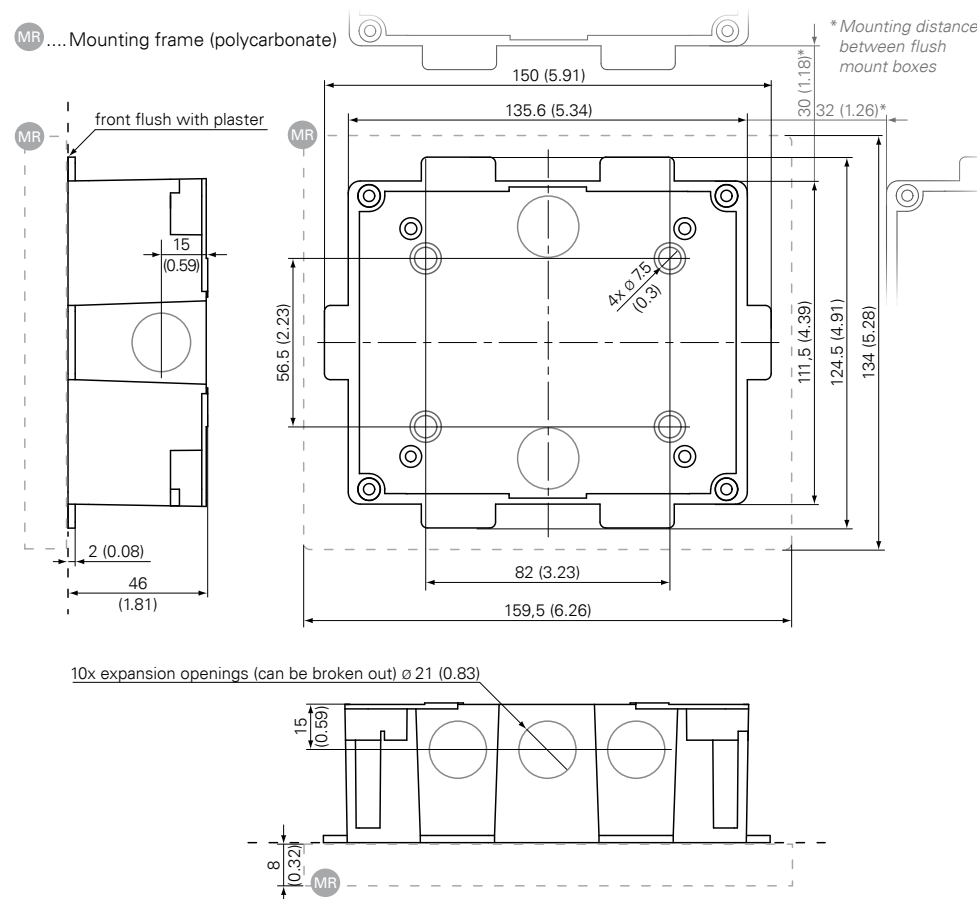## Installation Instructions

Extent of supply

- – Flush mount box polycarbonate (incl. cavity wall claws and cover lid)
- – Mounting frame polycarbonate (incl. gaskets and mounting screws)
- – 3 x IP66 cable feed through
- – 2 x connection spacers (incl. gaskets)
- – Cable fixing brackets (incl. screws)
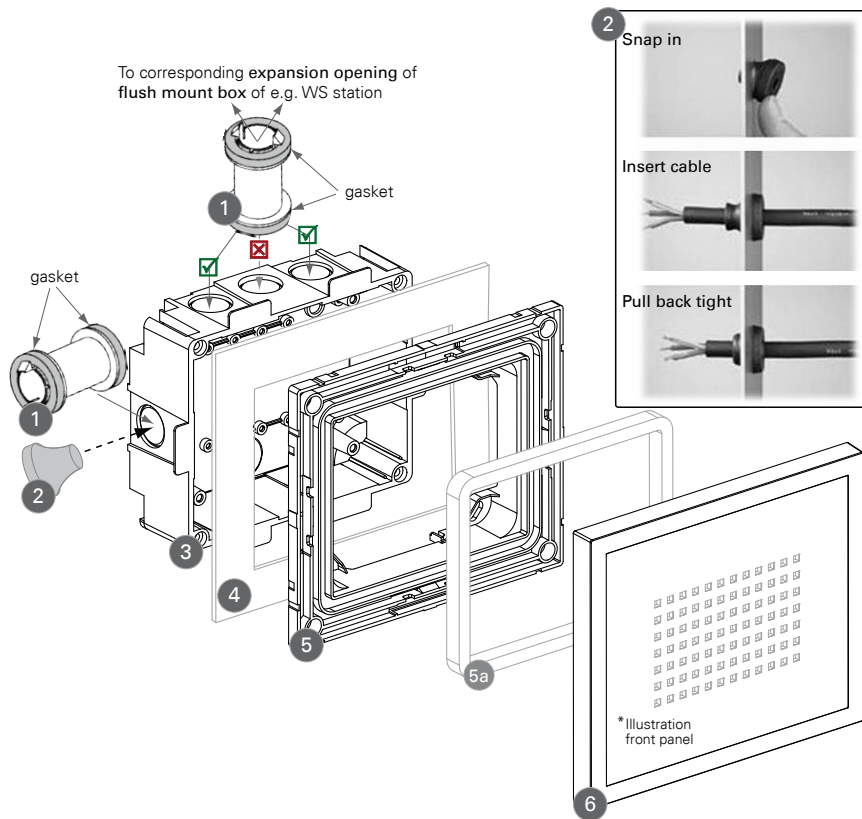- – Short reference

Weight

Weight incl. package: approx. 230 g (0.5 lbs)

Dimensions

Measuring units in mm (inch), not to scale! Cutout for flush mount box: 136 (5.36) x 112 (4.41)

MR ....Mounting frame (polycarbonate)

* Mounting distance between flush mount boxes

front flush with plaster

10x expansion openings (can be broken out) ⌀ 21 (0.83)

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Mounting WSFB 52P flush mount kit

To corresponding **expansion opening** of
flush mount box of e.g. WS station

gasket

gasket

2 Snap in

Insert cable

Pull back tight

*Illustration
front panel

1 ..... **Connection spacer (with gaskets) for connecting two flush mount boxes and
for cable feed through**
  → When mounting the device to the top or bottom side of a WS station or an
    expansion module, the connection spacer in the extent of supply has to be mounted
    to the outer expansion openings (see above)
  → Make sure the connection spacer is snaped-in correctly in the expansion opening!

2 ..... **IP66 cable feed through**
  → The cable feed through can be put in after breaking out the expansion openings
    (installation cable feed through see above)

3 ..... **Flush mount box (polycarbonate)**
  → For cavity wall mounting or installation in a desk, use avity wall claws (wall thickness: 2 to 30 mm /
    0.08 to 1.18 in)

4 ..... **Gasket**

5 ..... **Mounting frame (polycarbonate)**   5a ..... **Top gasket for mounting frame** *(mounted ex works)*
  → Screw mounting frame onto the flush mount box (screws in extent of supply)

6 ..... **Front panel (polycarbonate) with station electronics**
  → Mounting: Press the front panel onto the mounting frame
  → Dismounting: Pull off the front panel

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WSFB 50V flush mount kit
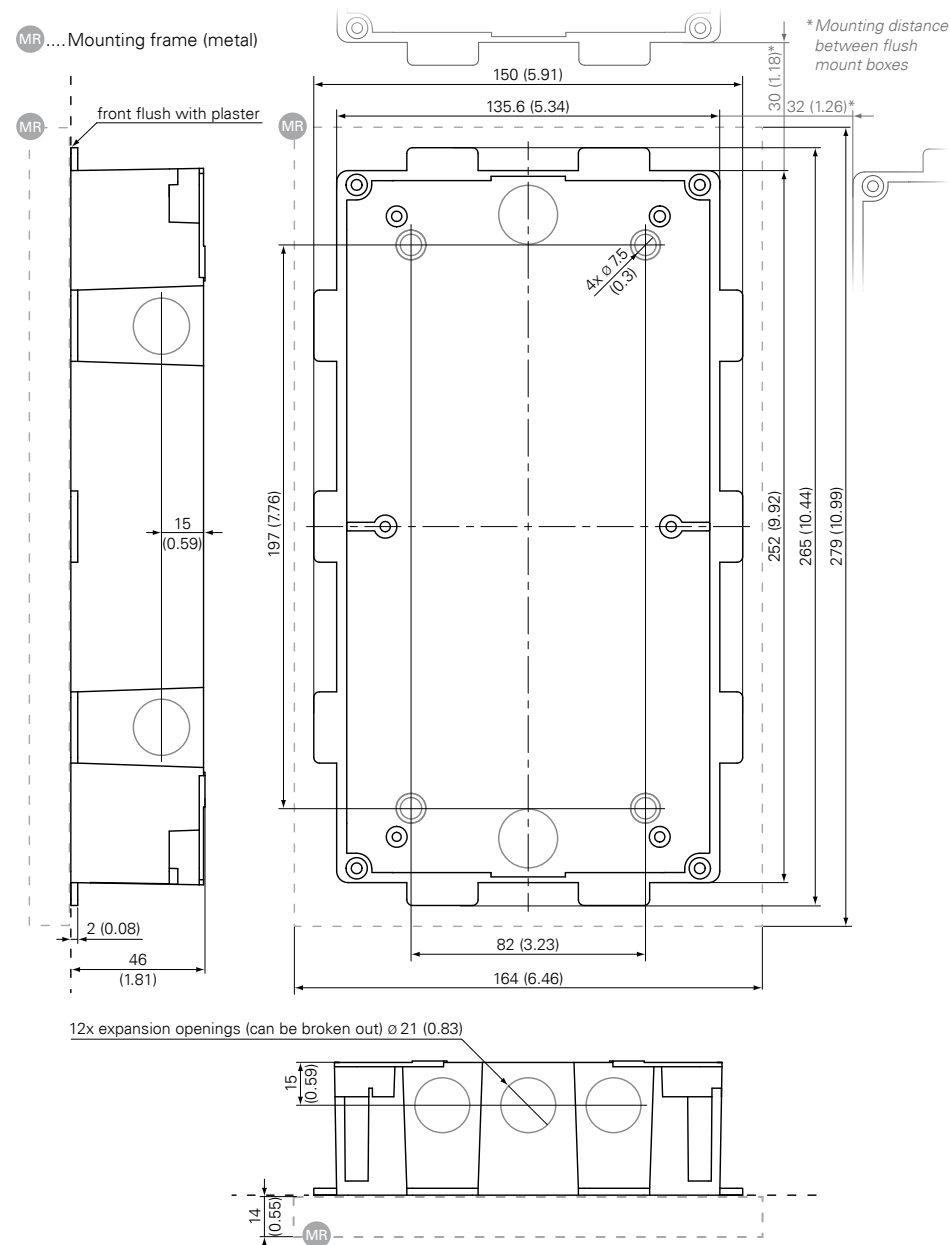## Installation Instructions

Extent of supply

– Flush mount box polycarbonate (incl. cavity wall claws and cover lid)
– Mounting frame metal (incl. mounting screws and gasket)
– 3 x IP66 cable feed through
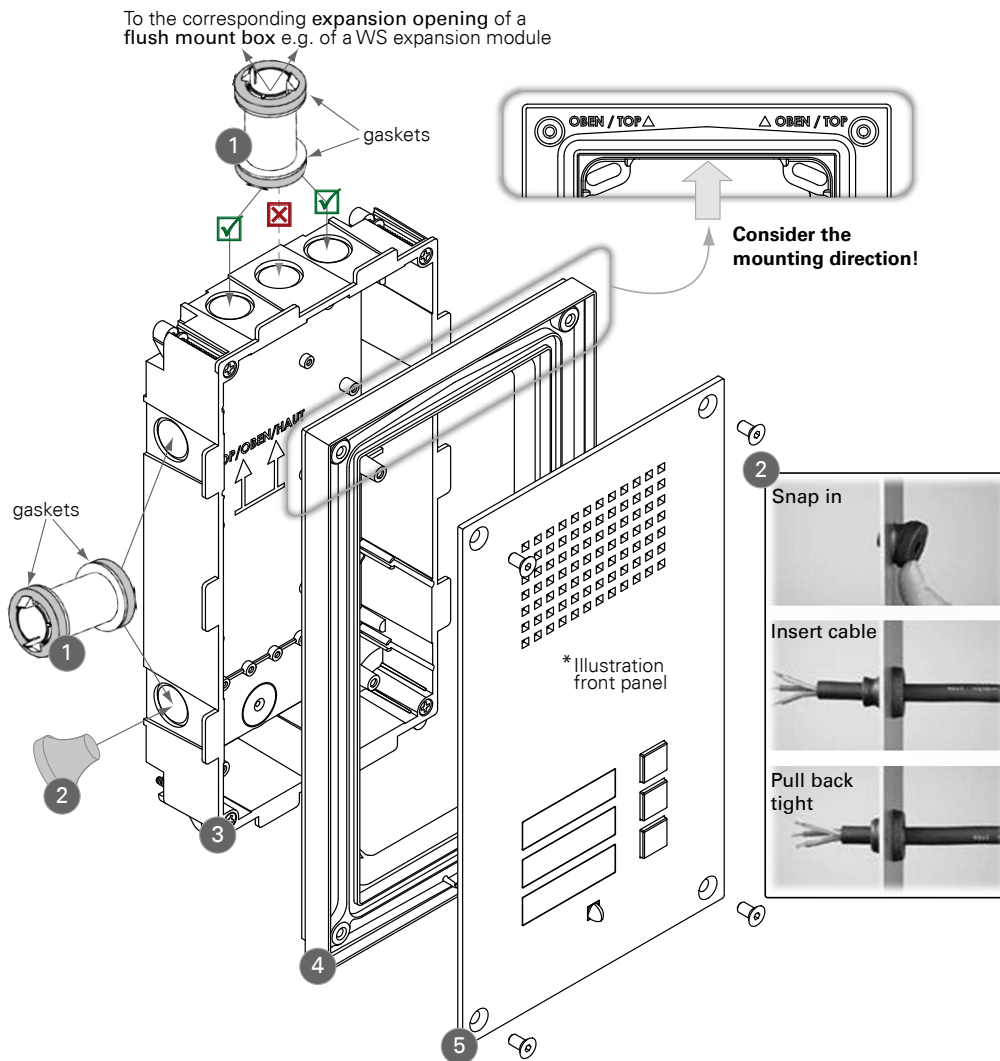– Cable fixing brackets (incl. screws)
– Short reference

Weight

Weight incl. package: approx. 540 g (1.2 lbs)

Dimensions

Measuring units in mm (inch), not to scale! Cutout for flush mount box: 136 (5.36) x 252 (9.92)

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Mounting WSFB 50V flush mount kit

To the corresponding **expansion opening** of a
flush mount box e.g. of a WS expansion module

gaskets

OBEN / TOP △   △ OBEN / TOP

**Consider the
mounting direction!**

gaskets

*Illustration
front panel

Snap in

Insert cable

Pull back
tight

**1 ..... Connection spacer (with gaskets) for connecting two flush mount boxes and
for cable feed through**
→ When mounting the device to the top or bottom side of a WS station or an
expansion module, the connection spacer in the extent of supply has to be mounted
to the outer expansion openings (see above)
→ Make sure the connection spacer is snaped-in correctly in the expansion opening!

2 ..... IP66 cable feed through
→ Put in cable feed through after breaking out the expansion openings (installation cable feed through, see above)

3 ..... Flush mount box (polycarbonate)
→ For cavity wall mounting or installation in a panel, use cavity wall claws (wall thickness: 2 – 30 mm / 0.08 – 1.18 in)

4 ..... Mounting frame (metal) incl. gasket
→ Screw mounting frame onto the flush mount box (screws in extent of supply)

5 ..... Front panel (metal) with station electronics
→ Screw front panel onto mounting frame

COMMEND

WSFB 50V FL flush mount kit
Installation Instructions

Extent of supply

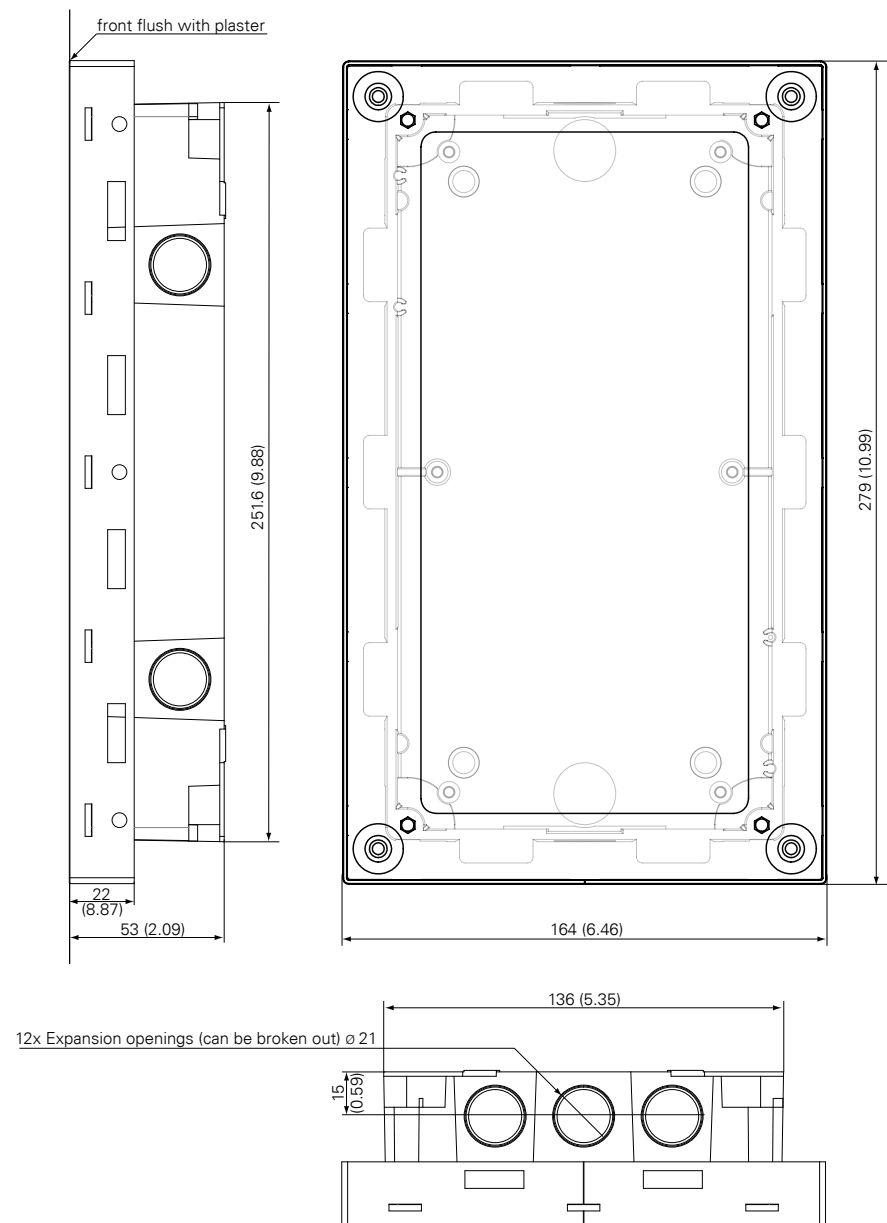– Flush mount box polycarbonate with mount frame metal (incl. cover lid)
– Cable fixing brackets (incl. screws)
– Short reference

Weight

Weight incl. package: approx. 540 g (1.2 lbs)
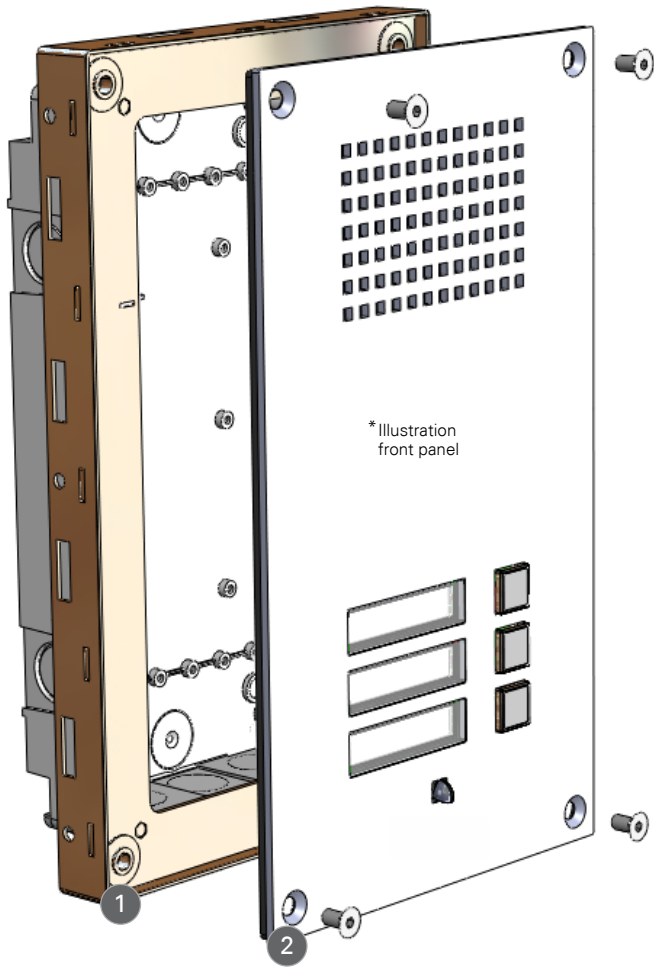
Dimensions

Measuring units in mm (inch), not to scale!

front flush with plaster

251.6 (9.88)

279 (10.99)

22 (8.87)

53 (2.09)

164 (6.46)

136 (5.35)

12x Expansion openings (can be broken out) ø 21

15 (0.59)

Mounting WSFB 50V FL flush mount kit

Attention:
Observe the correct mounting orientation.

*Illustration
front panel

1 ..... **Flush mount box (polycarbonate) with flush mount frame (metal)**
→ Install the flush mount box by moulding into plaster or concrete.
Do not remove plaster cover until the flush mount box is mounted.

2 ..... **Front panel (metal) with electronics and gasket**
→ Screw front panel onto flush mount frame

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WSFB 52V flush mount kit
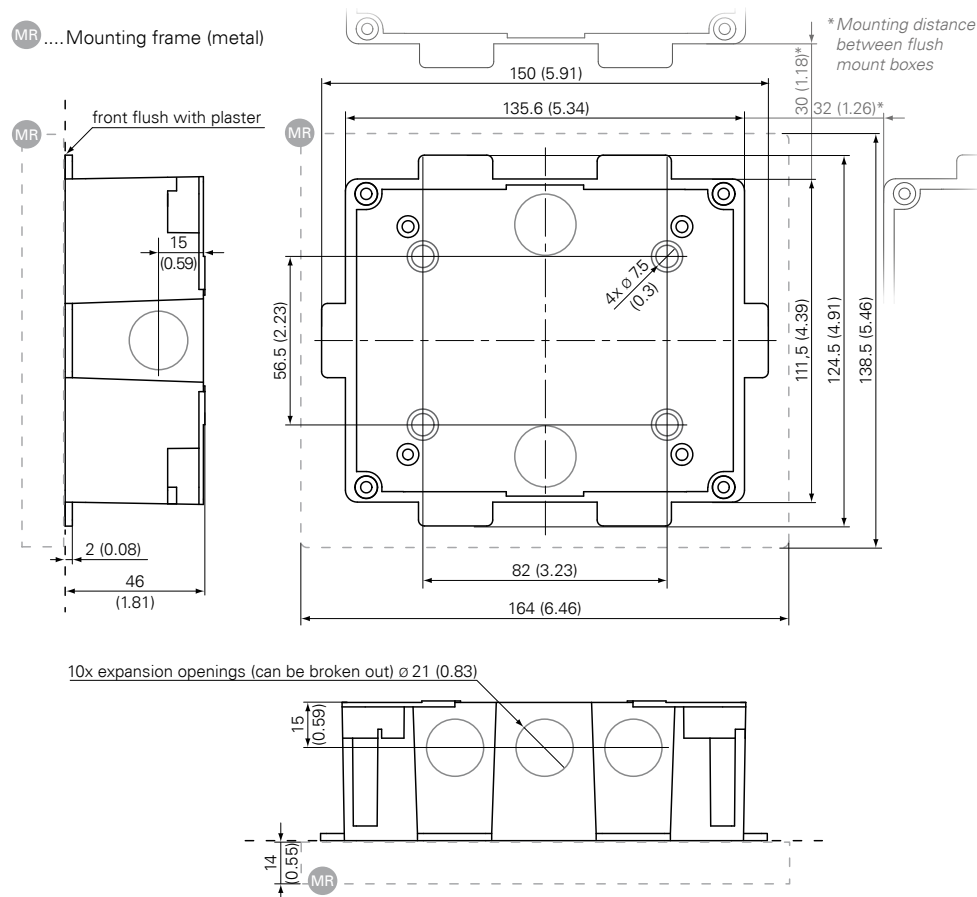## Installation Instructions

Extent of supply

– Flush mount box polycarbonate (incl. cavity wall claws and cover lid)
– Flush mount frame metal and gasket
– 3 x IP66 cable feed through
– Cable fixing brackets (incl. screws)
– Short reference

Weight

Weight incl. package: approx. 360 g (0.79 lbs)

Dimensions

Measuring units in mm (inch), not to scale! Cutout for flush mount box: 136 (5.36) x 112 (4.41)

MR ....Mounting frame (metal)

* Mounting distance between flush mount boxes

front flush with plaster

10x expansion openings (can be broken out) ⌀ 21 (0.83)

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Mounting WSFB 52V flush mount kit

To the corresponding **expansion opening** of a
flush mount box e.g. of a WS expansion module

gaskets

gaskets

OBEN / TOP △   △ OBEN / TOP

**Consider the
mounting direction!**

2

Snap in

Insert cable

Pull back
tight

*Illustration
front panel

1 ..... **Connection spacer (with gaskets) for connecting two flush mount boxes and
for cable feed through**
→ When mounting the device to the top or bottom side of a WS station or an
expansion module, the connection spacer in the extent of supply has to be mounted
to the outer expansion openings (see above)
→ Make sure the connection spacer is snaped-in correctly in the expansion opening!

2 ..... **IP66 cable feed through**
→ Put in cable feed through after breaking out the expansion openings (installation cable feed through, see above)

3 ..... **Flush mount box (polycarbonate)**
→ For cavity wall mounting or installation in a panel, use cavity wall claws (wall thickness: 2 – 30 mm / 0.08 – 1.18 in)

4 ..... **Mounting frame (metal) incl. gasket**
→ Screw mounting frame onto the flush mount box (screws in extent of supply)

5 ..... **Front panel (metal) with station electronics**
→ Screw front panel onto mounting frame

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WSSH 50P surface mount kit
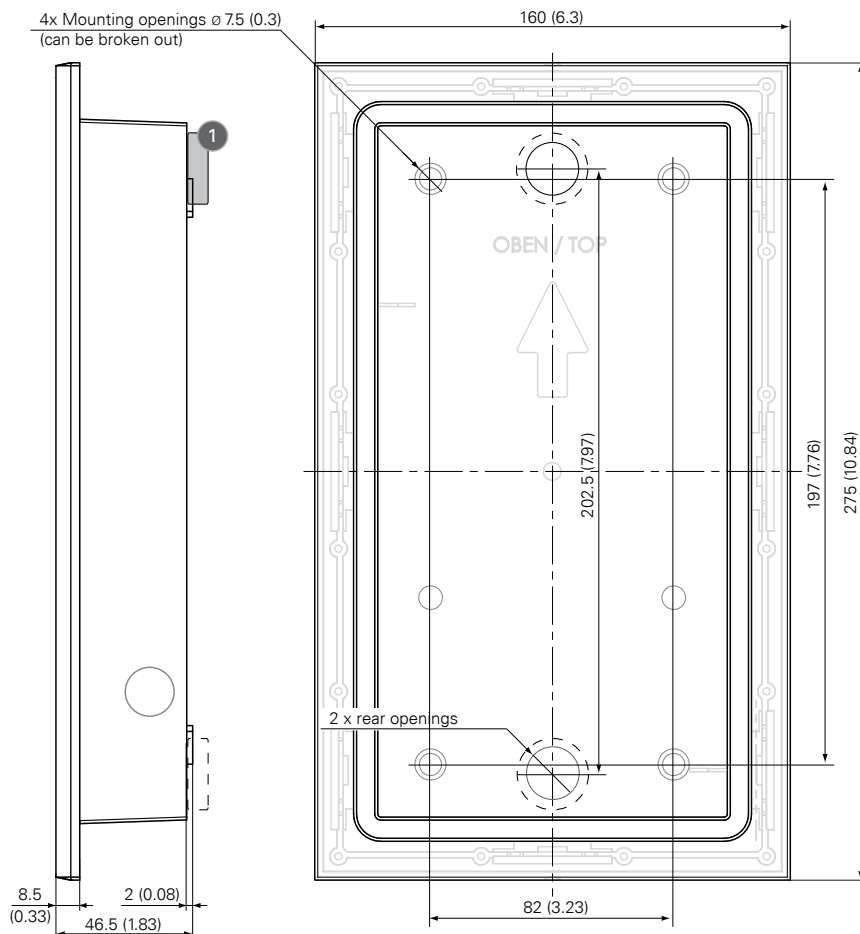## Installation Instructions

Extent of supply

– Surface mount box (incl. gaskets)
– 3 x IP66 cable feed through
– Wall mount kit (screws, dowels, gasket rings and washers)
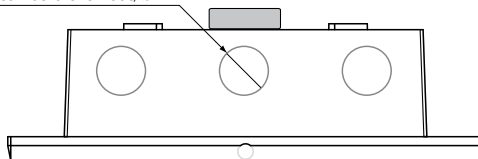– Cable fixing brackets (incl. screws)
– Short reference

Weight

Weight incl. package: approx. 300 g (0.66 lbs)

Dimensions

Measuring units in mm (inch), not to scale!

4x Mounting openings ø 7.5 (0.3) (can be broken out)

160 (6.3)

OBEN / TOP

202.5 (7.97)

197 (7.76)

275 (10.84)

2 x rear openings

8.5 (0.33)

2 (0.08)

46.5 (1.83)

82 (3.23)

12x Expansion openings (can be broken out) ø 21

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Mounting WSSH 50P surface mount kit

To corresponding **expansion opening** of
surface mount box of e.g. WS expansion module

gasket

gasket

OBEN / TOP

**MOUNTING
DIRECTION**

*Illustration
front panel

Snap in

Insert cable

Pull back tight

① ..... **Gasket for expansion opening at the rear of the housing**
→ The expansion openings have to be broken out with a blunt object at the outer notch!
→ If the rear opening is used, attach the gasket at the backside of the flush mount box (see dimensions).

② ..... **Connection spacer (with gaskets) for connecting two surface mount
boxes and for cable feed through**
→ The expansion openings have to be broken out with a blunt object at the outer notch!
→ If possible, two connection spacers shall be used per expansion.
→ Make sure the connection spacer is snaped-in correctly in the expansion opening!

③ ..... **IP66 cable feed through**
→ The cable feed through can be put in after breaking out the expansion openings
(installation cable feed through see above).

④ ..... **Surface mount box (polycarbonate)** ④a .....**Top gasket for surface mount box** *(mounted ex works)*
→ Mounting via wall mounting kit (screws, dowels, gasket rings and washers) – in extent of supply.
→ Washer and gasket ring have to be mounted inside the surface mount box.

⑤ ..... **Front panel (polycarbonate) with station electronics**
→ Mounting: Press the front panel onto the surface mount box
→ Dismounting: Pull off the front panel.

WSSH 52P surface mount kit
Installation Instructions

Extent of supply

– Surface mount box polycarbonate (incl. gaskets)
– 2 x connection spacer (incl. gaskets)
– 3 x IP66 cable feed through
– Wall mount kit (screws, dowels, gasket rings and washers)
– Cable fixing brackets (incl. screws)
– Short reference

Weight

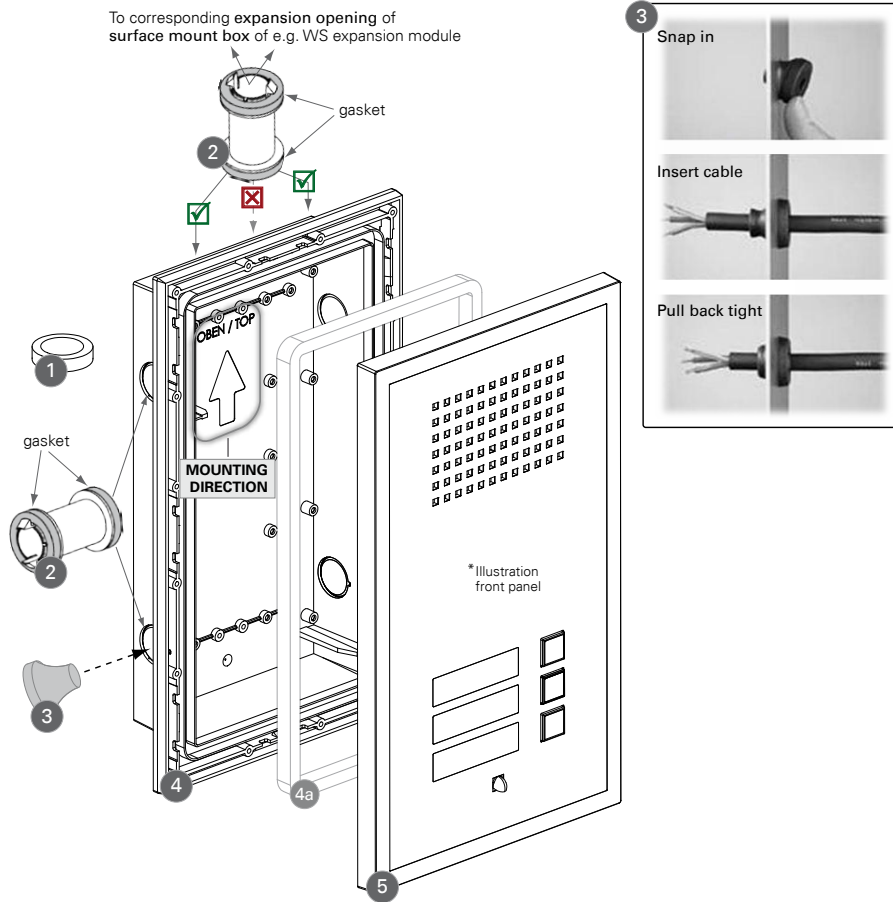Weight incl. package: approx. 150 g (0.33 lbs)

Dimensions

Measuring units in mm (inch), not to scale!

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Mounting WSSH 52P surface mount kit

To corresponding **expansion opening** of
surface mount box of e.g. WS station

gasket

gasket

3 Snap in

Insert cable

Pull back tight

*Illustration
front panel

1 ..... **Gasket for expansion opening at the rear of the housing**
→ The expansion openings have to be broken out with a blunt object at the outer notch!
→ If the rear opening is used, attach the gasket at the backside
of the flush mount box (see dimensions).

2 ..... **Connection spacer (with gaskets) for connecting two surface mount
boxes and for cable feed through**
→ The expansion openings have to be broken out with a blunt object at the outer notch!
→ When mounting the device to the top or bottom side of a WS station or an
expansion module, the connection spacer in the extent of supply has to be mounted
to the outer expansion openings (see above).
→ Make sure the connection spacer is snaped-in correctly in the expansion opening!

3 ..... **IP66 cable feed through**
→ The cable feed through can be put in after breaking out the expansion openings
(installation cable feed through see above).

4 ..... **Surface mount box (polycarbonate)** **4a** ..... **Top gasket for surface mount box** *(mounted ex works)*
→ Mounting via wall mounting kit (screws, dowels, gasket rings and washers) – in extent of supply
→ Washer and gasket ring have to be mounted inside the surface mount box.

5 ..... **Front panel (polycarbonate) with station electronics**
→ Mounting: Press the front panel onto the surface mount box
→ Dismounting: Pull off the front panel.

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WSSH 54P surface mount kit
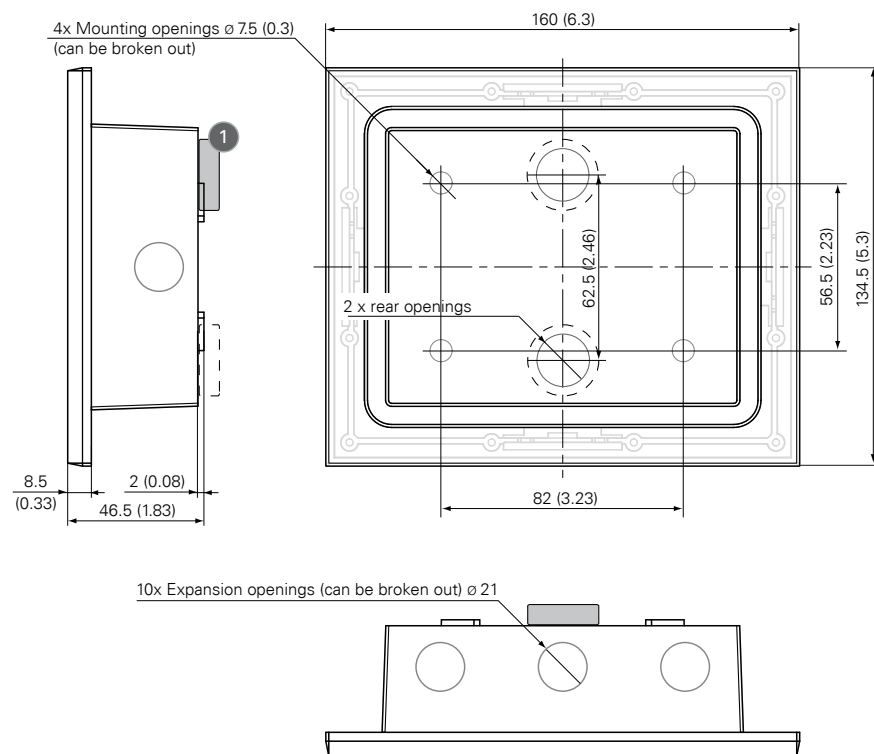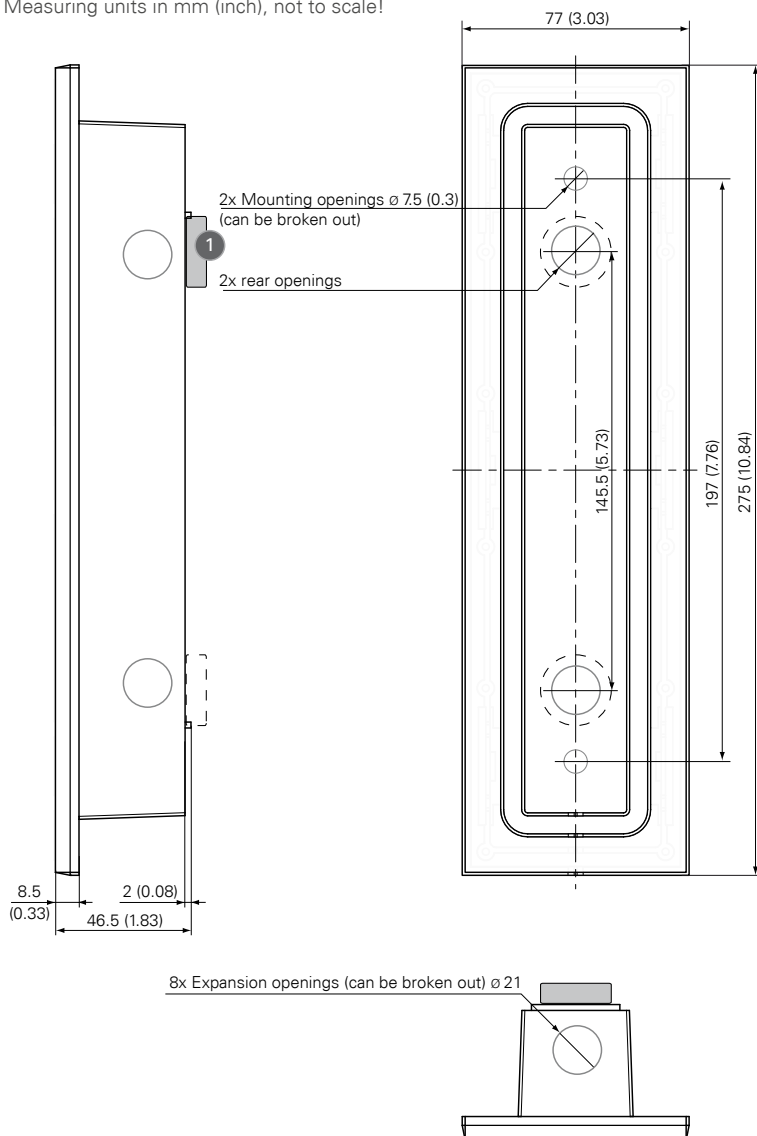## Installation Instructions

Extent of supply

– Surface mount box polycarbonate (incl. gaskets)
– 2 x connection spacer (incl. gaskets)
– 1 x IP66 cable feed through
– Wall mount kit (screws, dowels, gasket rings and washers)
– Cable fixing brackets (incl. screws)
– Short reference
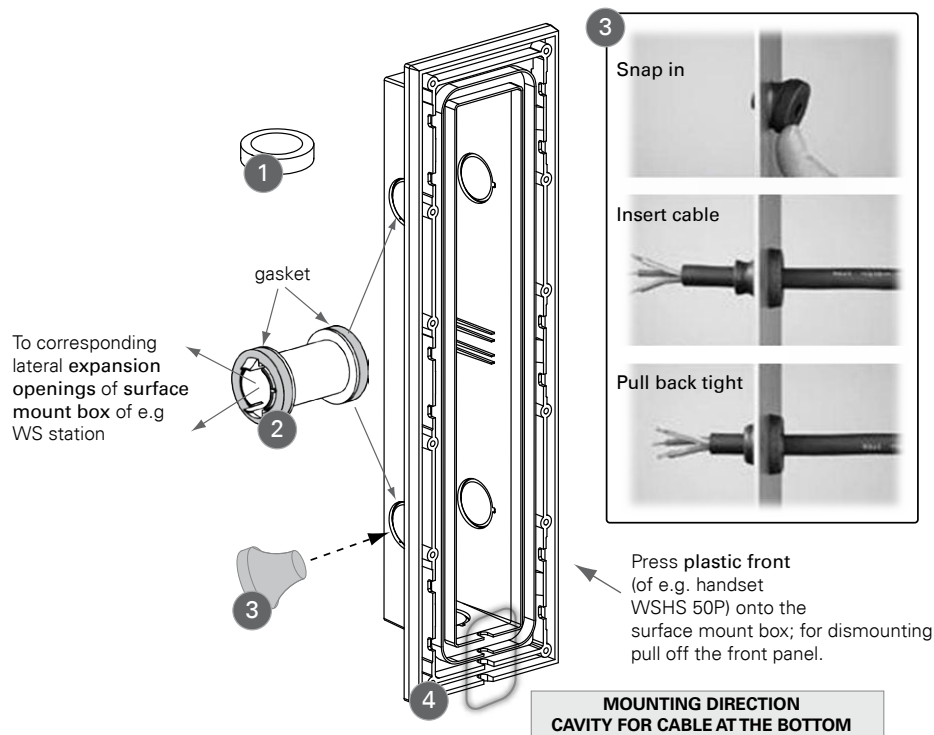
Weight

Weight incl. package: approx. 160 g (0.35 lbs)

Dimensions

Measuring units in mm (inch), not to scale!

77 (3.03)

2x Mounting openings ⌀ 7.5 (0.3) (can be broken out)

2x rear openings

145.5 (5.73)

197 (7.76)

275 (10.84)

8.5 (0.33)

2 (0.08)

46.5 (1.83)

8x Expansion openings (can be broken out) ⌀ 21

COMMEND

Mounting WSSH 54P surface mount kit

gasket

To corresponding
lateral **expansion
openings** of **surface
mount box** of e.g
WS station

3 Snap in

Insert cable

Pull back tight

Press **plastic front**
(of e.g. handset
WSHS 50P) onto the
surface mount box; for dismounting
pull off the front panel.

**MOUNTING DIRECTION
CAVITY FOR CABLE AT THE BOTTOM**

1 ..... **Gasket for expansion opening at the rear of the housing**
→ The expansion openings have to be broken out with a blunt object at the outer notch!
→ If the rear opening is used, attach the gasket at the backside of
the flush mount box (see dimensions).

2 ..... **Connection spacer (with gaskets) for connecting two surface mount
boxes and for cable feed through**
→ The expansion openings have to be broken out with a blunt object at the outer notch!
→ If possible, two connection spacers shall be used per expansion.
→ Make sure the connection spacer is snaped-in correctly in the expansion opening!

3 ..... **IP66 cable feed through**
→ The cable feed through can be put in after breaking out the expansion openings
(installation cable feed through see above).

4 ..... **Surface mount box (polycarbonate)**
→ Mounting via wall mounting kit (screws, dowels, gasket rings and washers) – in extent of supply.
→ Washer and gasket ring have to be mounted inside the surface mount box.

WSSH 50V surface mount kit
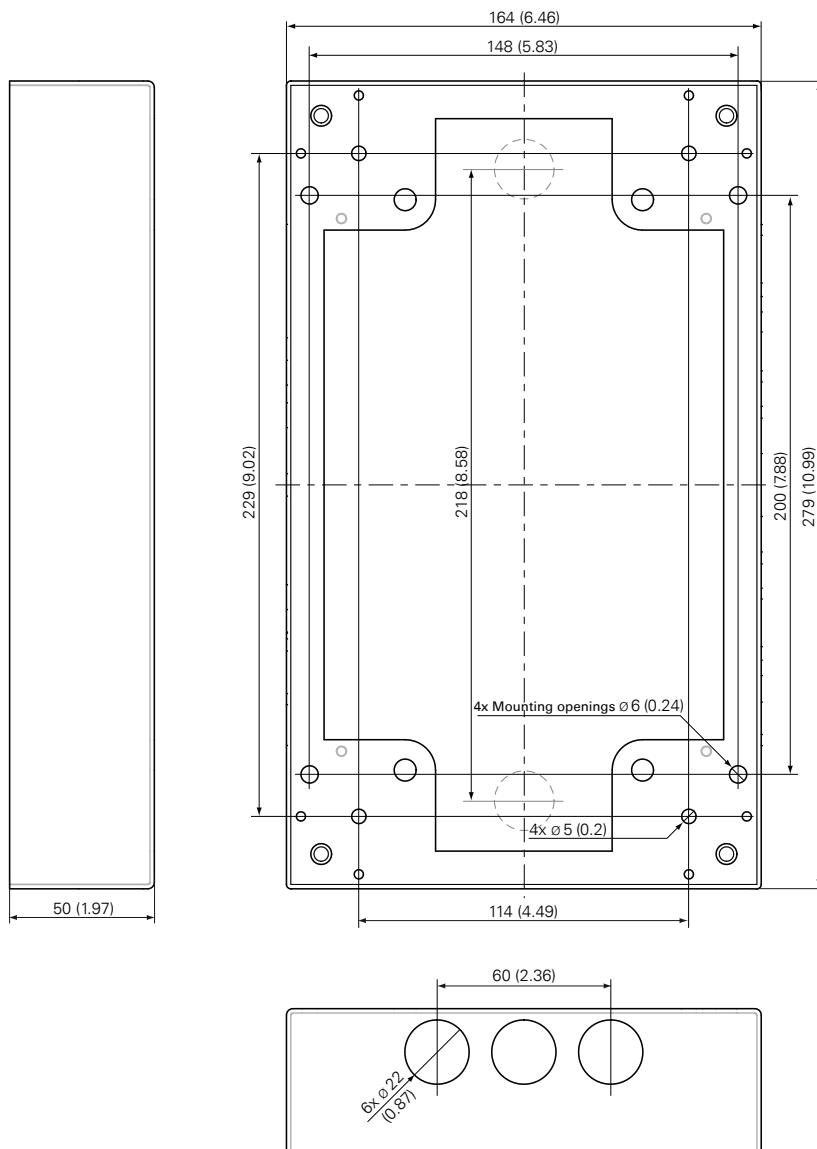## Installation Instructions

Extent of supply

– Surface mount box metal (incl. 6 x dummy plugs)
– Polycarbonate box
– 3 x IP66 cable feed through
– Wall mount kit (screws, dowels, gasket rings and washers)
– Cable fixing brackets (incl. screws)
– Short reference

Weight

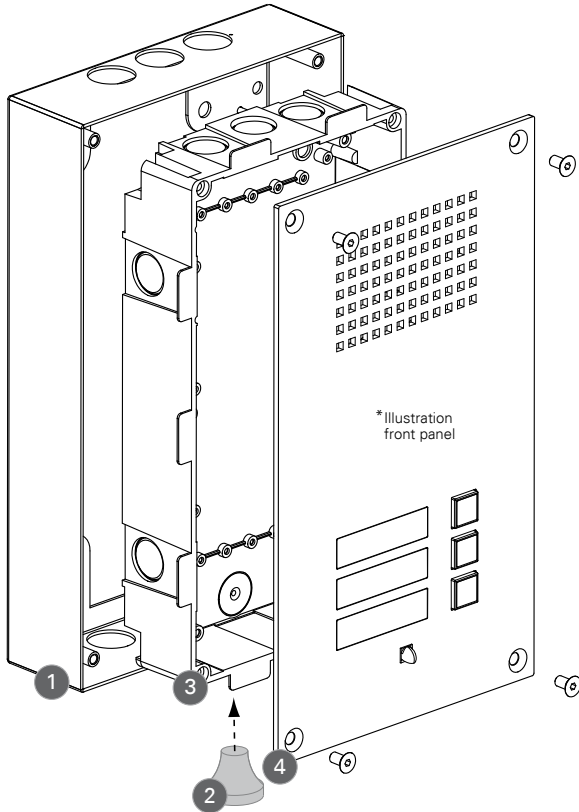Weight incl. package: approx. 945 g (2.08 lbs)
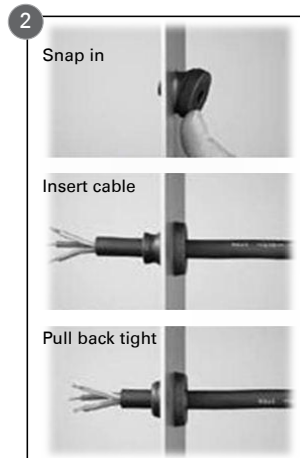
Dimensions

Measuring units in mm (inch), not to scale!

Mounting WSSH 50V surface mount kit

Attention:
– The dummy plugs for the surface mount box (in extent of supply) cannot be removed without opening the housing.

*Illustration front panel

Snap in

Insert cable

Pull back tight

1 ..... **Surface mount box (metal)**
→ Mounting via wall mounting kit
(screws and dowels) – in extent of supply

2 ..... **IP66 cable feed through**
→ The cable feed through can be put into the plastic box
after breaking out the expansion openings
(only one cable per feed through).

3 ..... **Polycarbonate box**
→ Press the polycarbonate box into the surface mount box

4 ..... **Front panel (metal) with station electronics**
→ Screw the front panel onto the surface mount box

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WSSH 52V surface mount kit
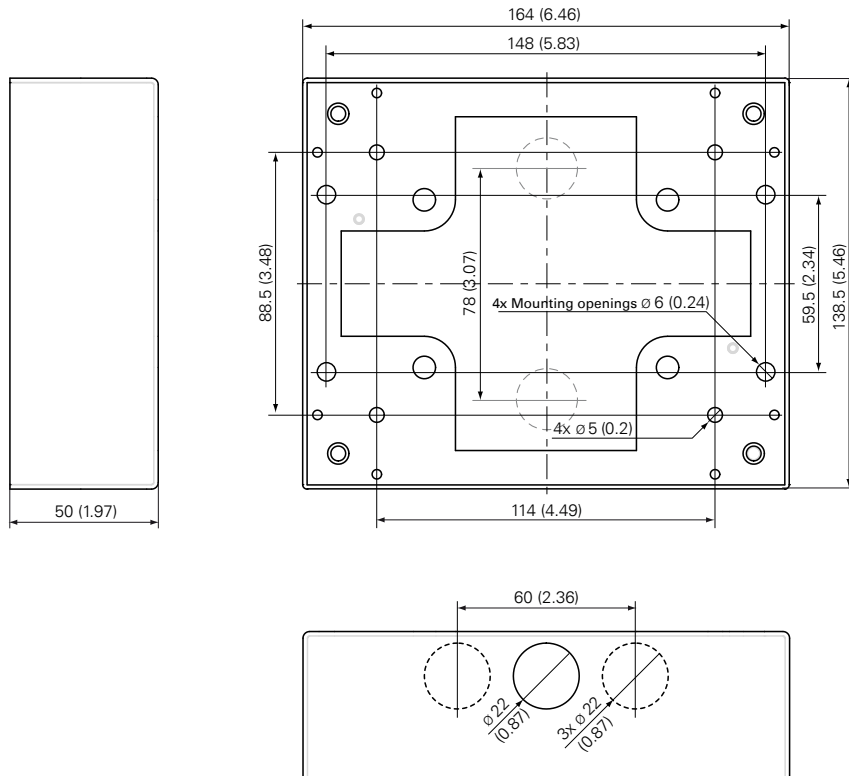# Installation Instructions

Extent of supply

- Surface mount box metal (incl. 4 x dummy plugs)
- Polycarbonate box
- 3 x IP66 cable feed through
- Wall mount kit (screws, dowels, gasket rings and washers)
- Cable fixing brackets (incl. screws)
- Short reference

Weight

Weight incl. package: approx. 635 g (1.4 lbs)

Dimensions

Measuring units in mm (inch), not to scale!


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Mounting WSSH 52V surface mount kit

Attention:
The dummy plugs for the surface mount box (in extent of supply) cannot be removed without opening the housing.

*Illustration front panel
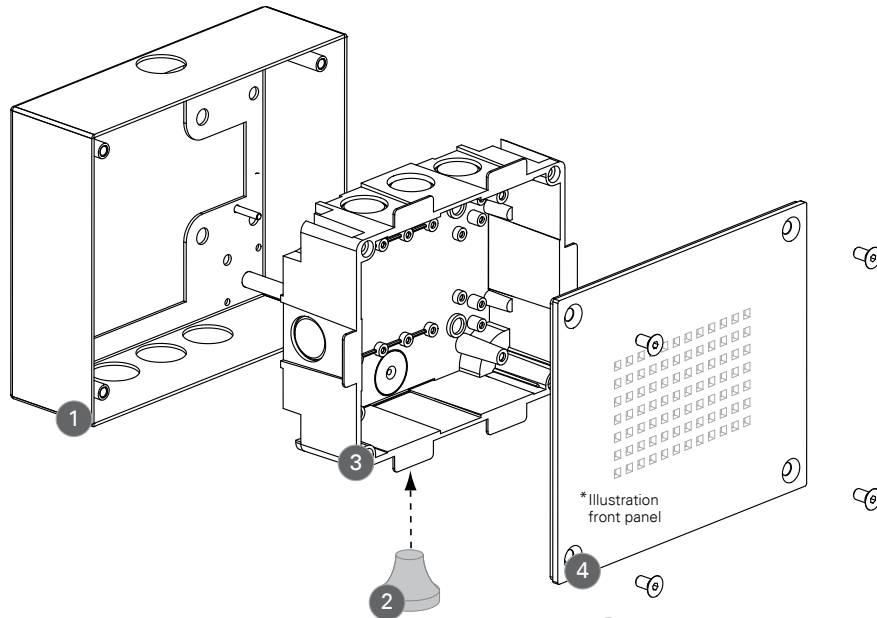
1 ..... **Surface mount box (metal)**
→ Mounting via wall mounting kit
(screws and dowels) – in extent of supply

2 ..... **IP66 cable feed through**
→ The cable feed through can be put into the plastic box
after breaking out the expansion openings
(installation cable feed through see picture to the right).

3 ..... **Polycarbonate box**
→ Press the polycarbonate box into the surface mount box

4 ..... **Front panel (metal) with station electronics**
→ Screw the front panel onto the surface mount box

2
Snap in

Insert cable

Pull back tight
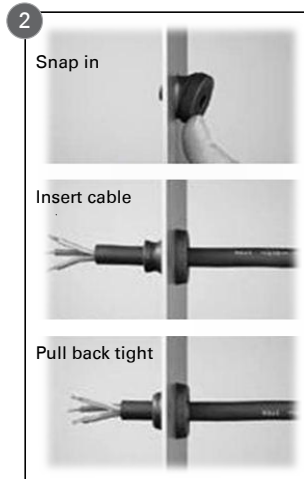
WSRR 50V rain protection roof
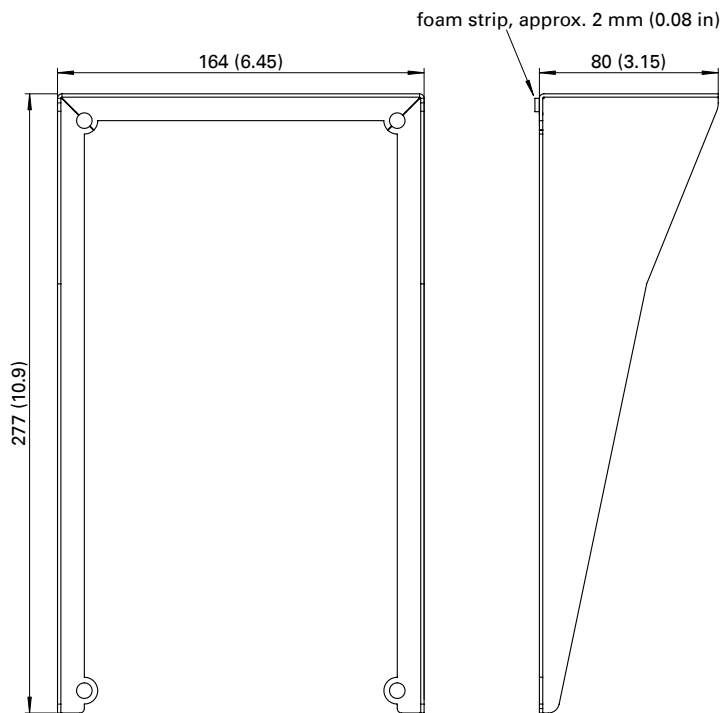## Installation Instructions

Extent of supply

– Rain protection roof
– Fixing screws
– Short reference

Weight

Weight incl. package: approx. 466 g (1.03 lbs)

Dimensions

Measuring units in mm (inch), not to scale!

foam strip, approx. 2 mm (0.08 in)

164 (6.45)

80 (3.15)

277 (10.9)

COMMEND

Mounting WSRR 50V rain protection roof

Attention:
The rain protection roof can be used for vandal resistant stations and expansion modules in surface mount version and in flush mount version.
The following illustration shows the installation of the rain protection roof WSRR 50V to the surface mount kit WSSH 50V.

Example:
Surface mount kit WSSH 50V

Front panel (metal) with station electronics

Rain protection roof WSRR 50V

Fixing screws required for WSRR 50V (in extent of supply)
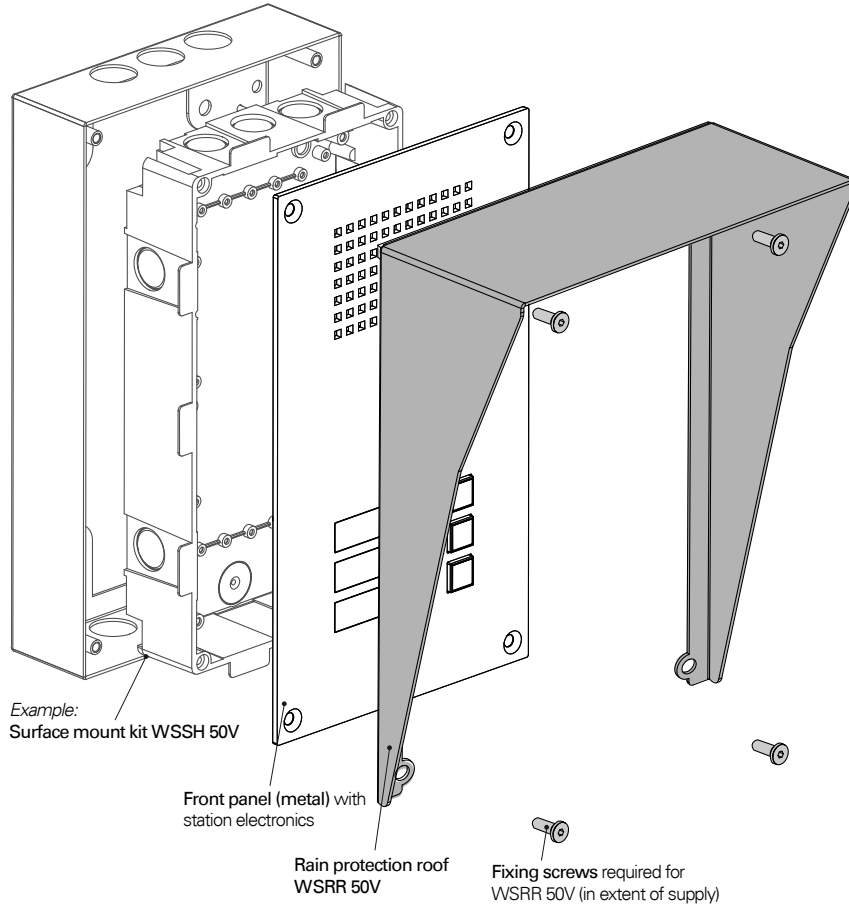
– Remove the screws with which the station front panel is mounted.
– Afterwards, screw the rain protection roof with the station front panel onto the surface mount box or the flush mount frame by using the fixing screws in the extent of supply (see above).

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The development and manu facturing processes are certified in accordance with **EN ISO 9001:2008**.

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