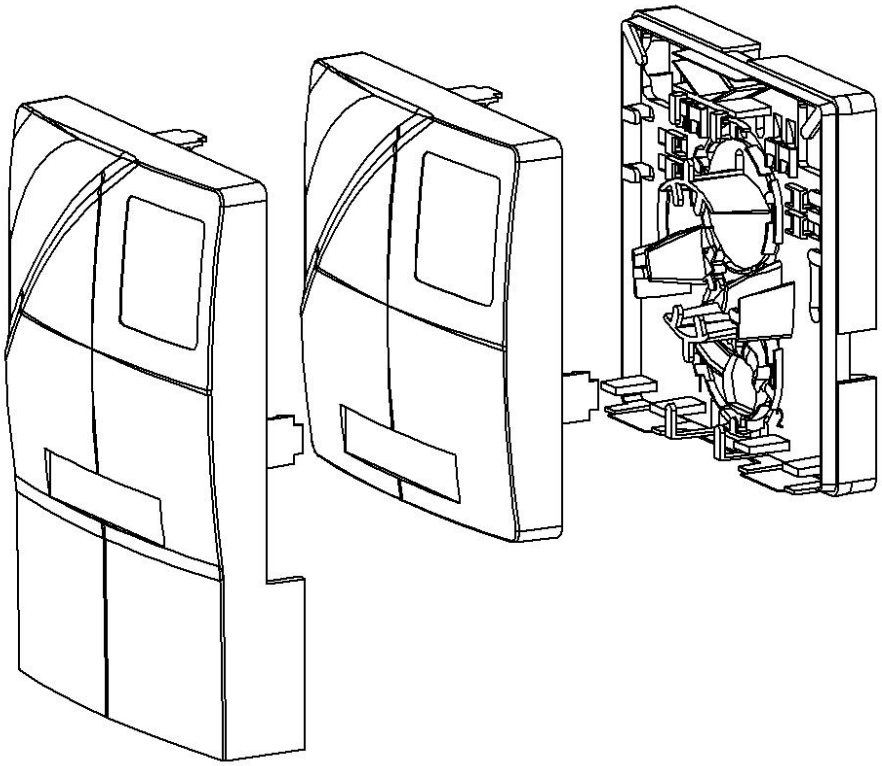
ORM 1



Contact:
MICOS TELCOM s.r.o.
Háj 365
798 12 Kralice na Hané, Czech Republic
tel.: +420 582 307 511
E-Mail: telcom@micos.cz; www.micostelcom.com

491789

GB

Technical description:

The optical mini-socket is designed for the placement of 2 optical LC, SC adapters terminating an FTTH optical network, or for the interconnection of optical cables. It is designed to be wall-mounted indoors or installed in a standard flush-mounted electrical installation box. Up to 4 heat-shrinking or mechanical weld protectors may be placed inside (up to 4 RECORD splices, 2 fiberlocks). ORM 1 inputs are placed on the sides and at the back of the mini-socket. Another optional cover allows for connector protection.

Type:	ORM 1
Colour:	white /grey
Dimensions:	80.8x80.8x24.7mm
Weight:	0.1kg

Accessories:

Accessory bag	1pc

Declaration on product conformance:

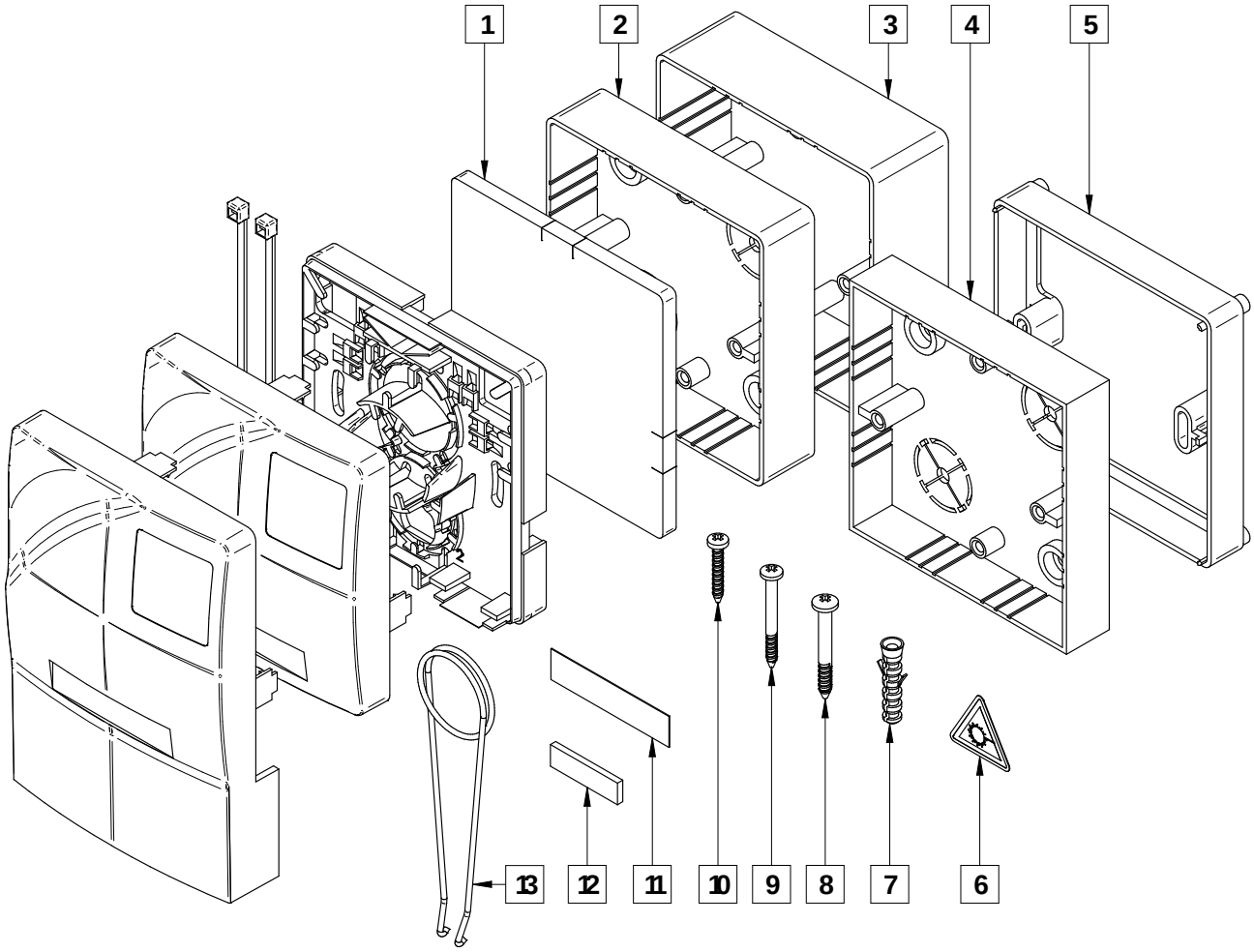
The product was manufactured in compliance with valid technical documentation. An observation of designed technology procedures and material was followed according to the ISO 9001 standard.

Warranty:

The manufacturer guarantees for product imperfections within period of warranty due to the demonstrably deficient material, error in design, or deficiencies in manufacture. Such a deficiencies shall be repaired by the manufacturer free of charge. The manufacturer is authorized to reject the complaint if the item was demonstrably damaged due to an unqualified infringement, rough manipulation, or by force majeure. The warranty period is 24 months (if not stated other way) starting from the date of product consignment to the customer. The warranty covers the product capability and conformance with agreed, or usual purpose.

Note:

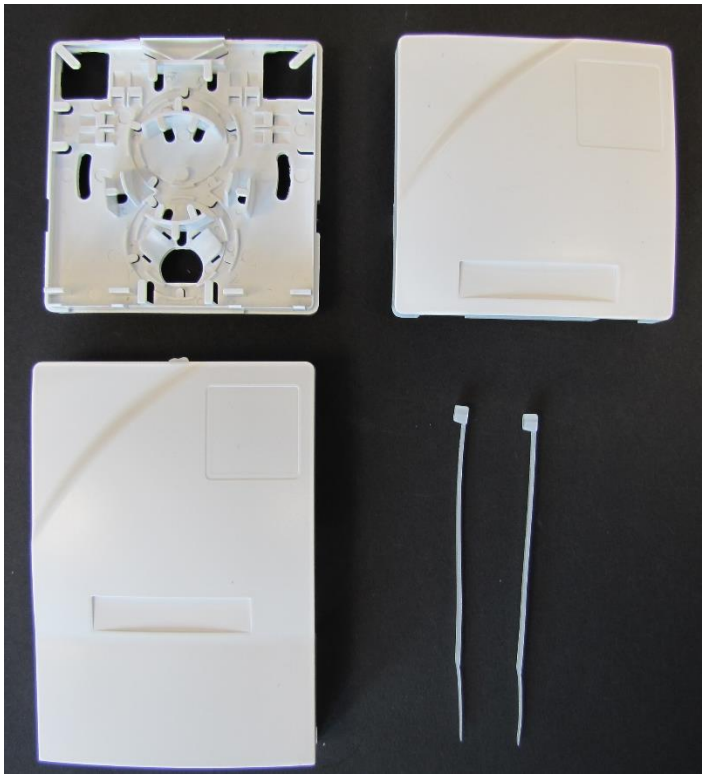
The product design may vary according to the requirement of the customer. The weight of single product execution may vary. Manufacturer is authorised to develop its products according to the requirements of the customer. Recording of all developing changes in this document is not necessary. Picture is only informative.



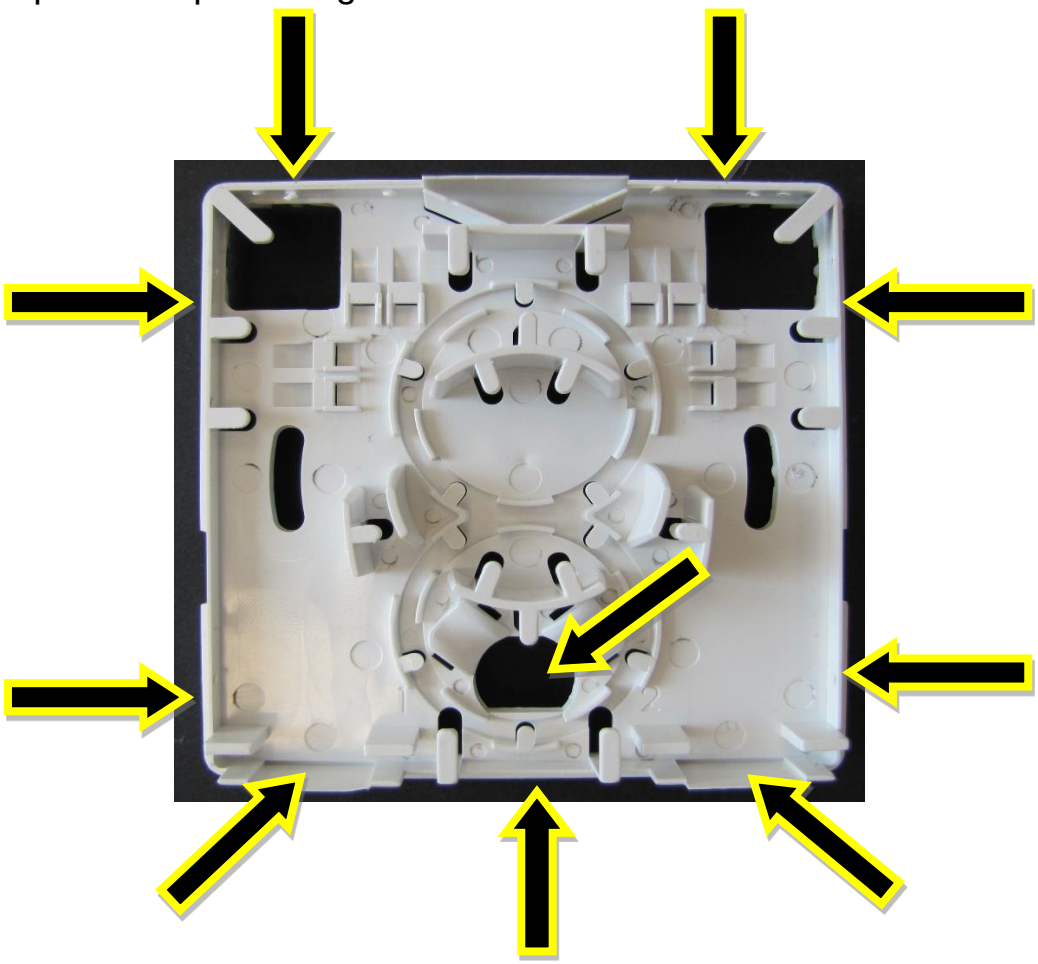
	Recommended accessories	Order Code
1.	ORM 1 seal (IP 54).	491797
2.	Box for storing reserves 80x80x19.	491818
3.	Box for storing reserves 80x80x28.	491819
4.	Box for storing reserves 80x80x16.	491817
5.	Standoff frame 80x80x12.	491820
6.	Laser emission warning sticker.	491870
7.	Wall plug (at least 2pcs needed).	491075
8.	Self-threading screws for the wall plugs (at least 2pcs needed).	491692
9.	Self-threading screws for attaching the frame (at least 2pcs needed).	491692
10.	Screws for attaching the electrical installation box (at least 2pcs needed).	067600
11.	White sticker for labelling.	491802
12.	Rubber seal for fixing the weld.	491816
13.	Opener ORM 1	492004

Assembly procedure:

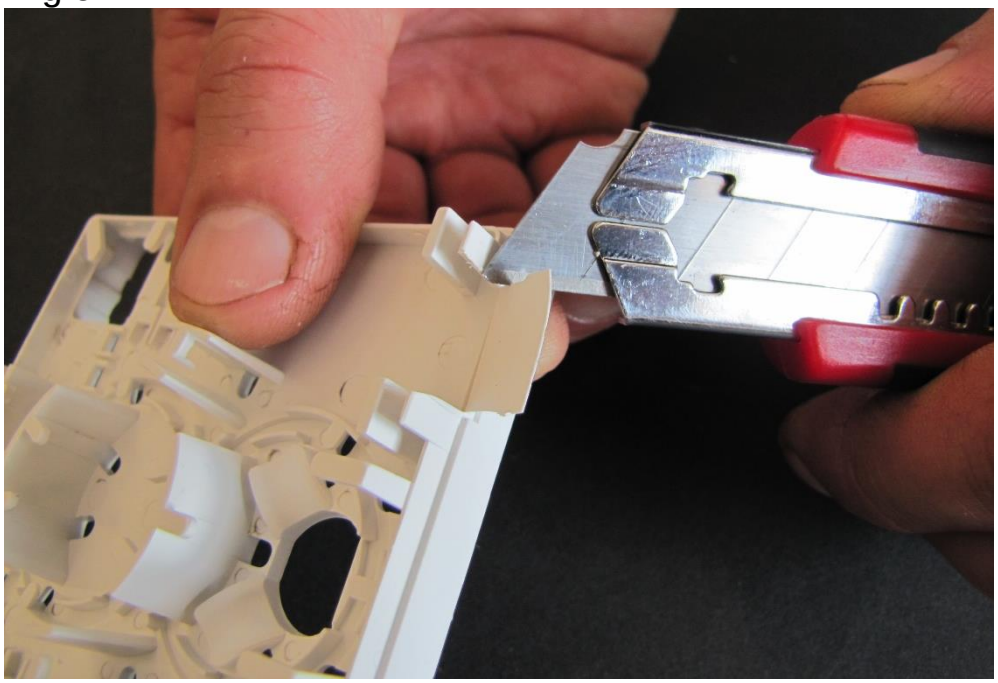
1. Package contents.



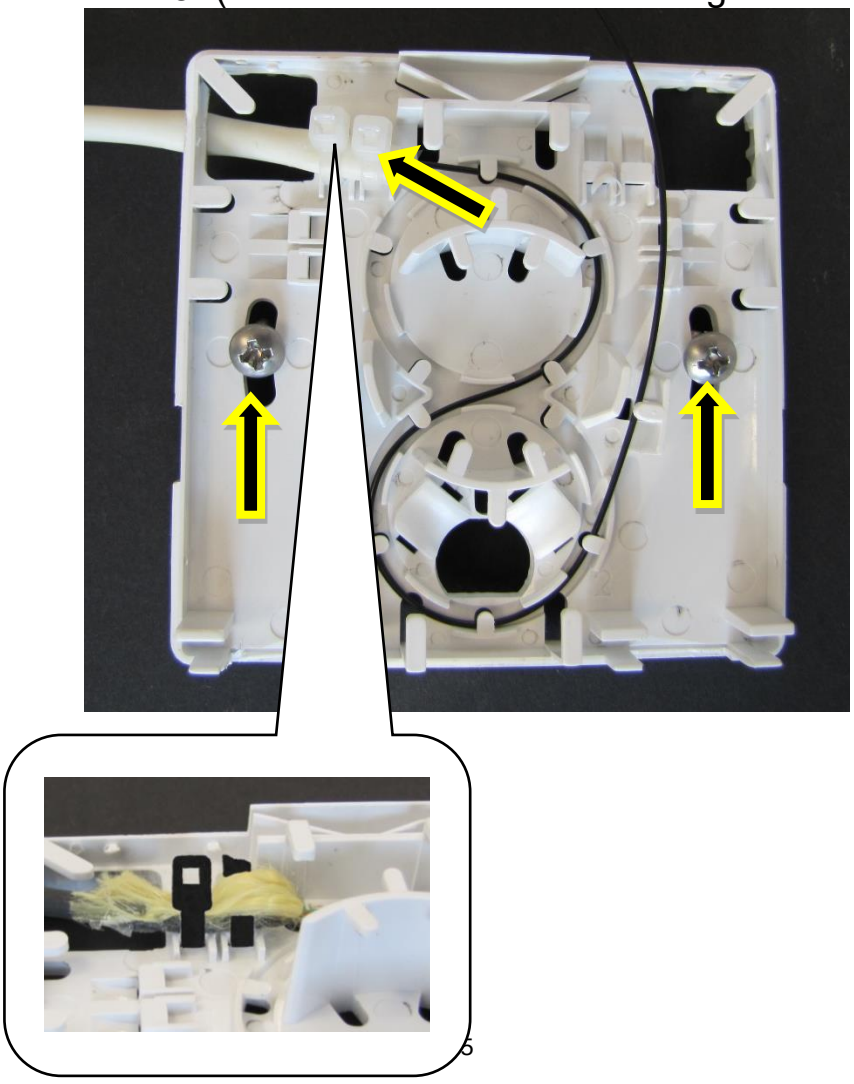
2. Highlighted break-off segments in the base of the socket, to allow cable inlet and optical adapter fitting.



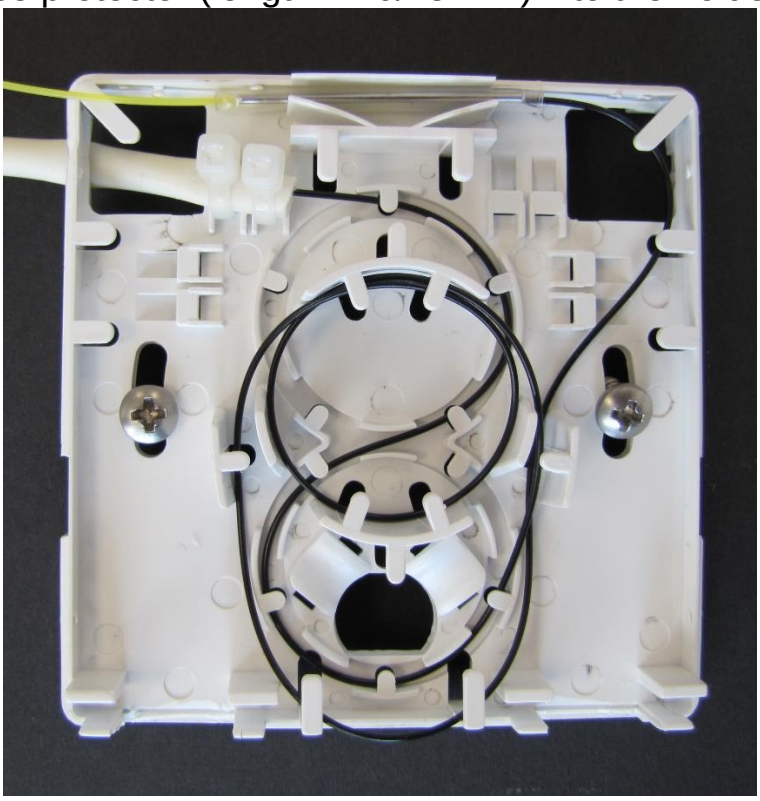
3. Remove the plugs in the optical adapter and cable entry holes by cutting and breaking off.



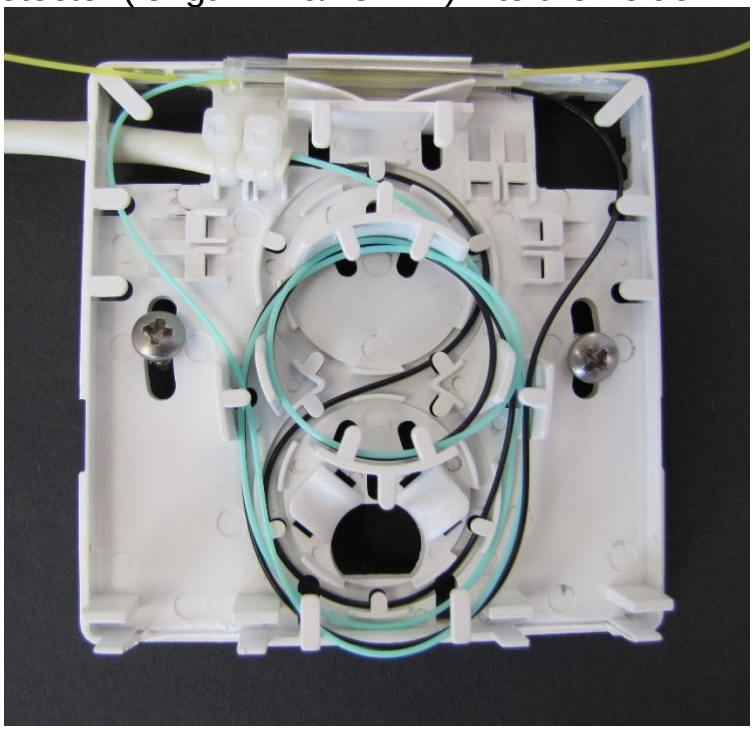
4. Using two screws, attach the lower part to the installation box or directly to the wall, install the cable or protecting tube and secure with ties, and put 1 optical fibre into “8” (observe the minimum bending radius of optical fibres).



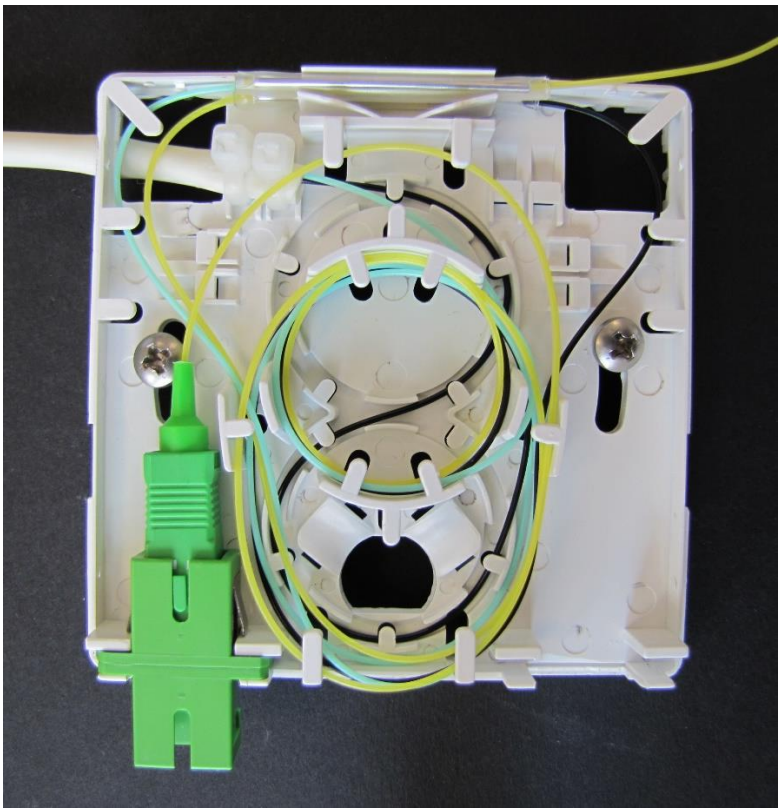
5. Install the remaining optical fibre reserve with spliced pigtail (length – 0.5 m) and the splice protector (length – 40/45 mm) into the holder.

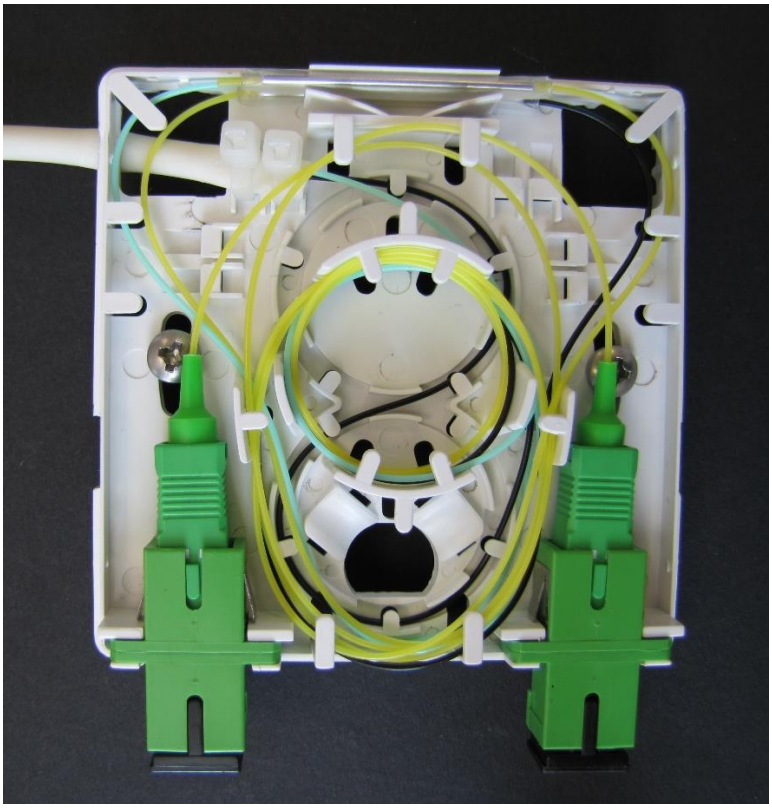


6. Install the 2nd optical fibre reserve with spliced pigtail (length – 0.5 m) and the splice protector (length – 40/45 mm) into the holder.

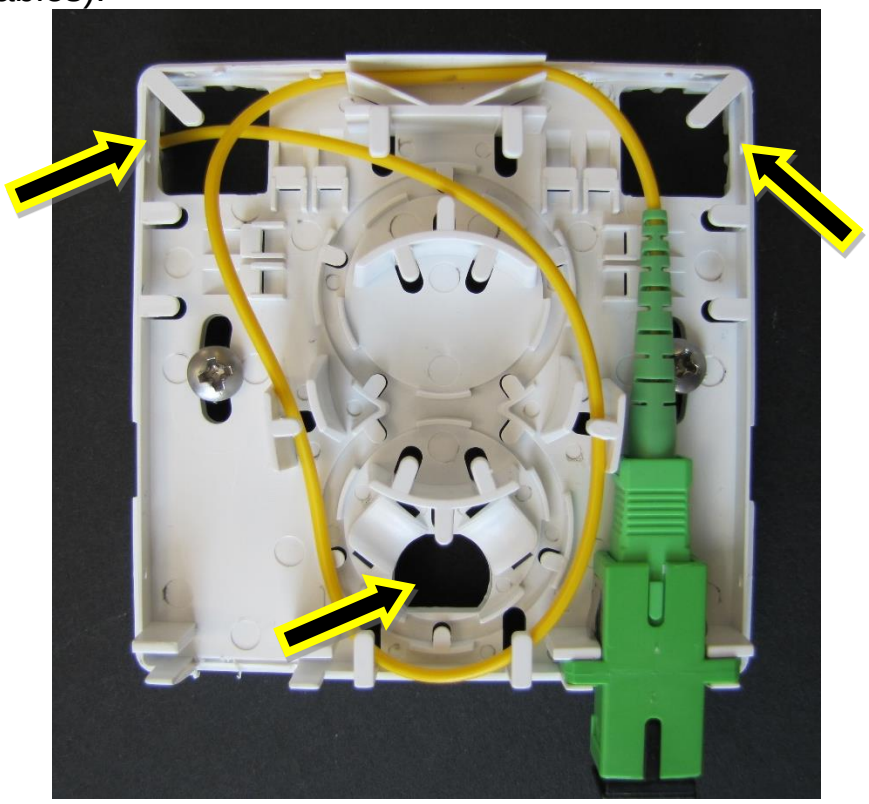


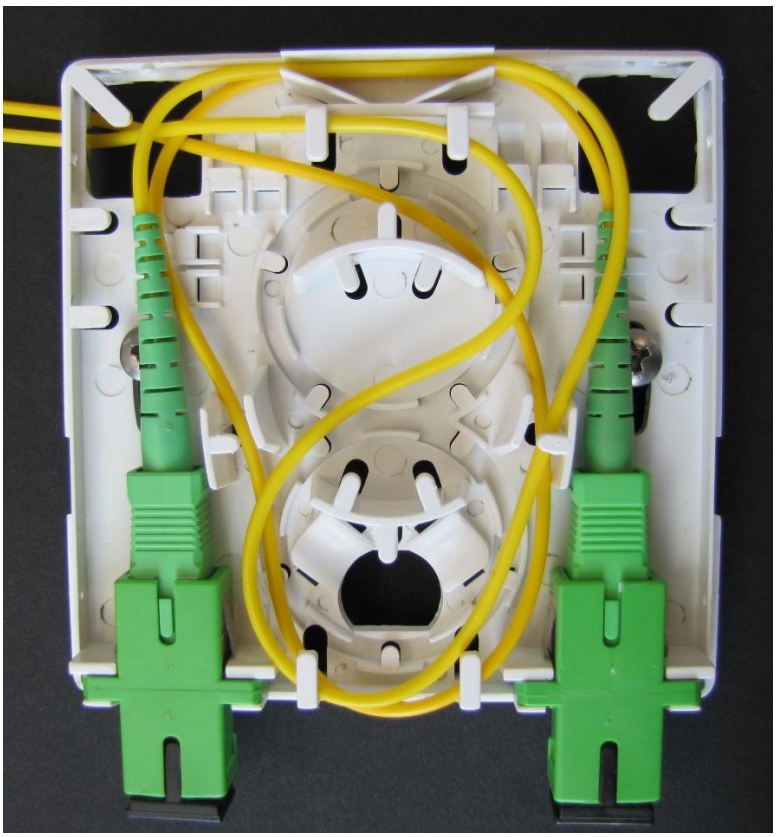
7. Adapters plug into the bottom part socket. Install the pigtail fibre reserves and plug the connectors into adapters.



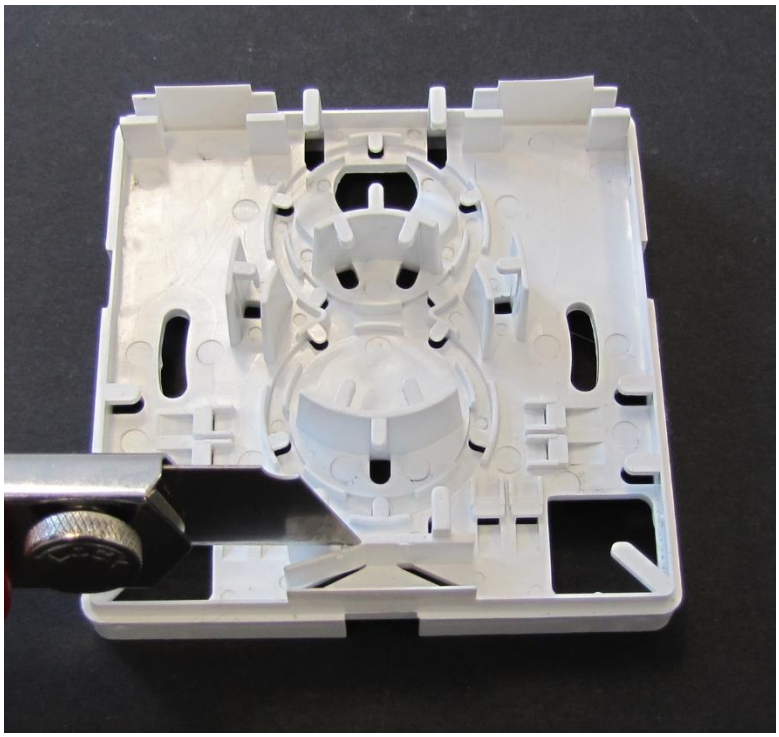


8. If the feeder cable is pre-terminated, plug the connector with the fibre into the socket through one of the marked holes. Install the fibre reserves and plug the connectors into adapters (observe the minimum bending radius of optical cables).

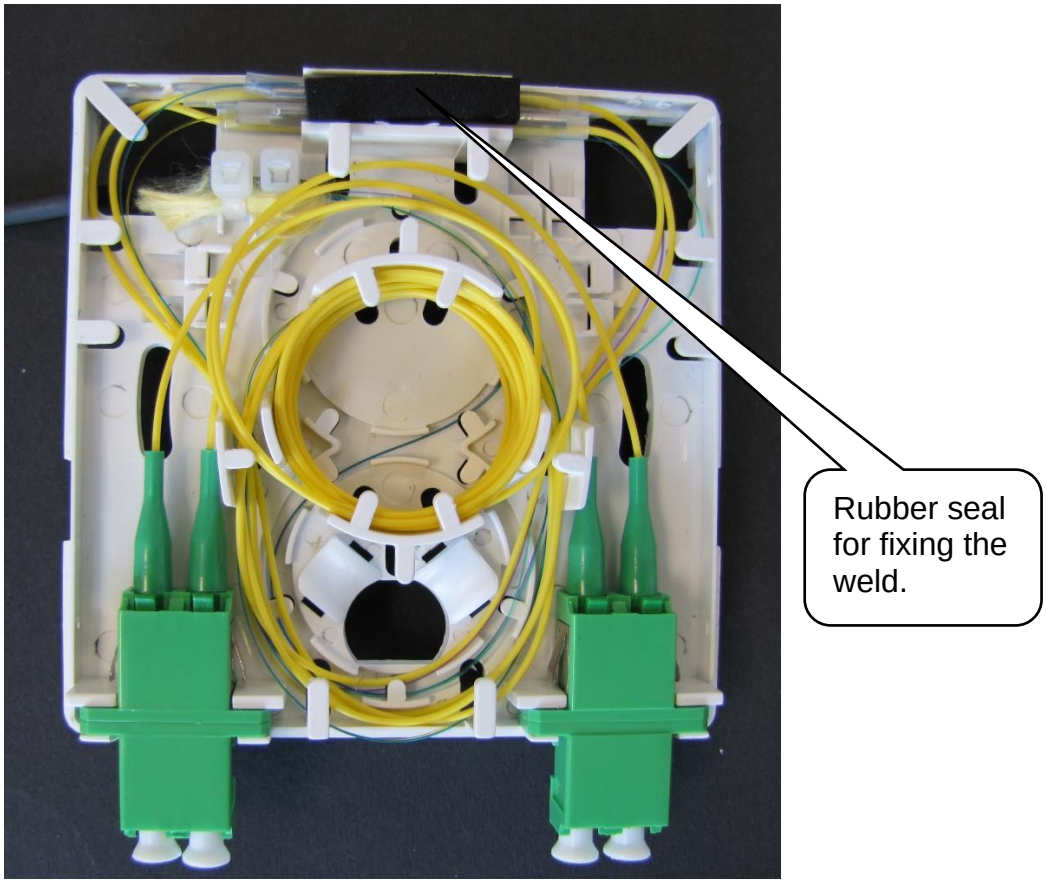


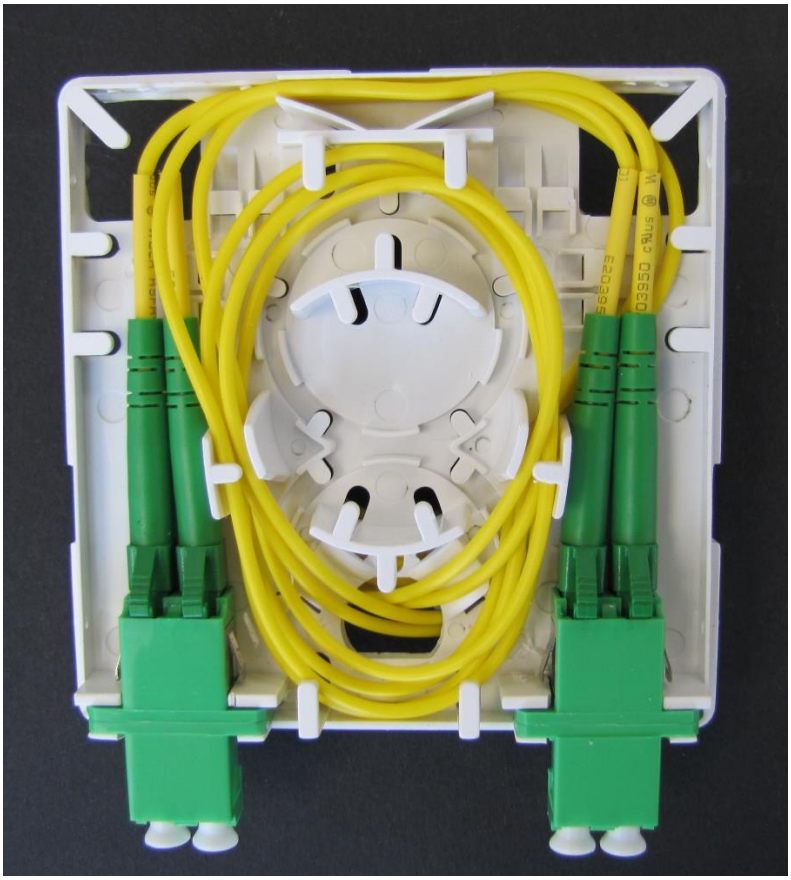


9. If you are terminating 4 optical fibres, cut away the flexible parts of the weld holder.

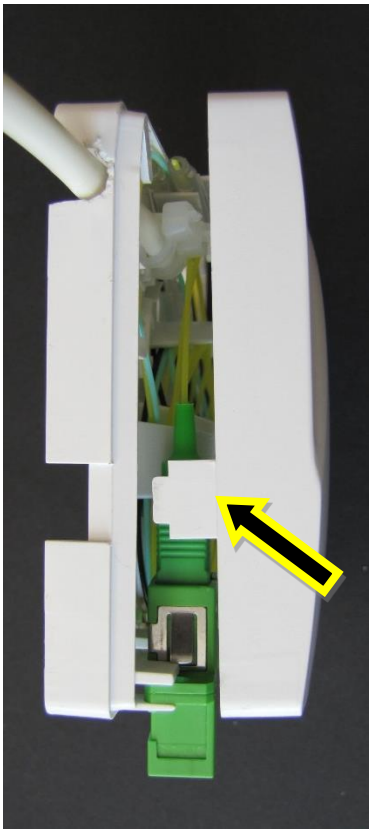


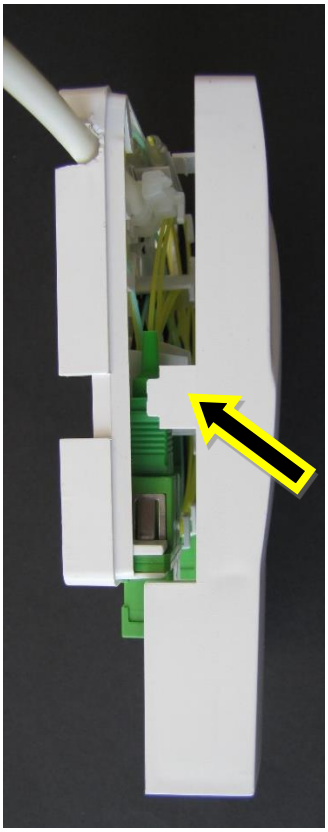
10. Then follow steps 3 to 8. Use pigtails with LC connectors and LC duplex adapters. Install two fibres at once; secure the welds in heat-shrinking protectors in the rubber seal to fix the weld.

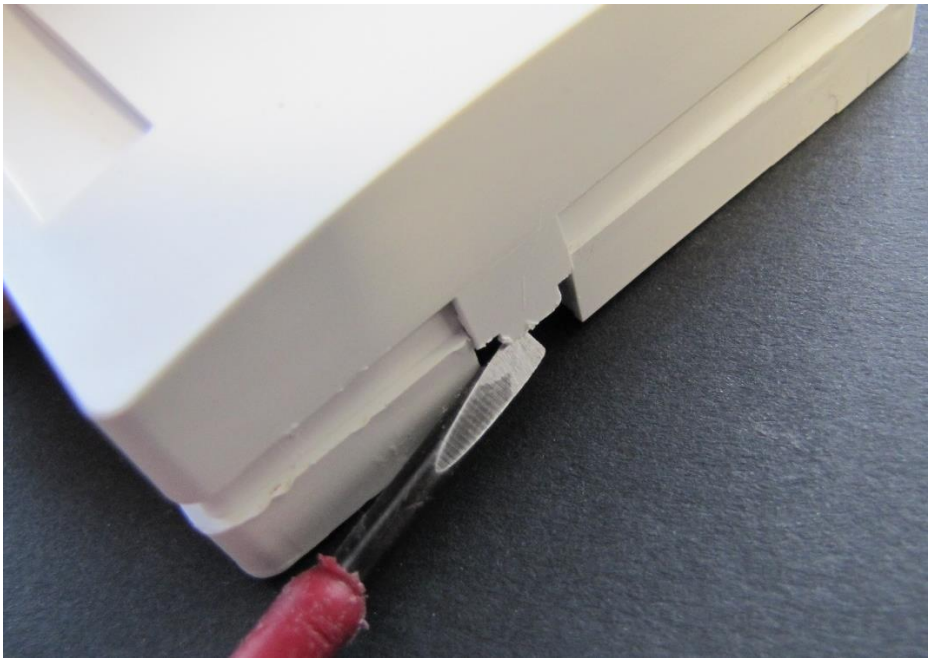


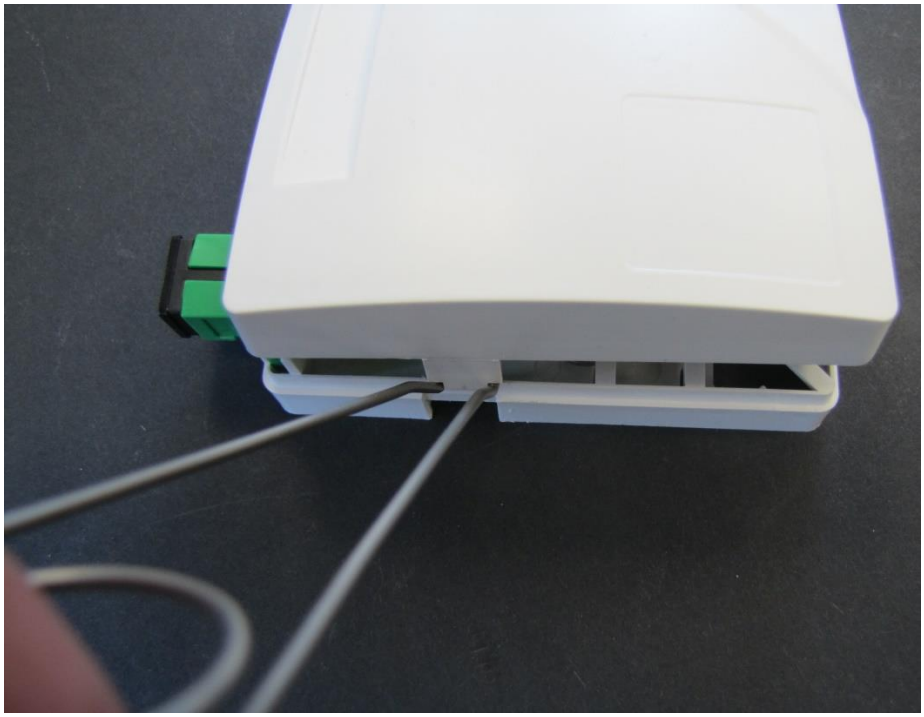


11. Cover the socket in the direction of the connectors. If you need to open the socket again, use a suitable tool (e.g. a screwdriver or ORM 1 opener tool) to pry the cover loose.

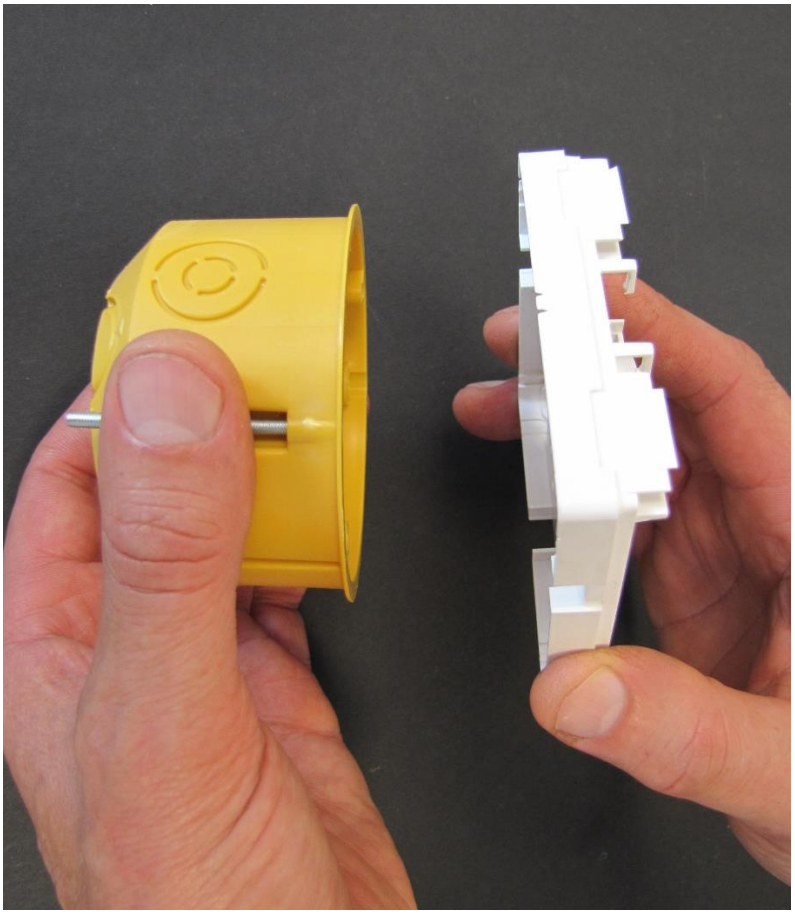




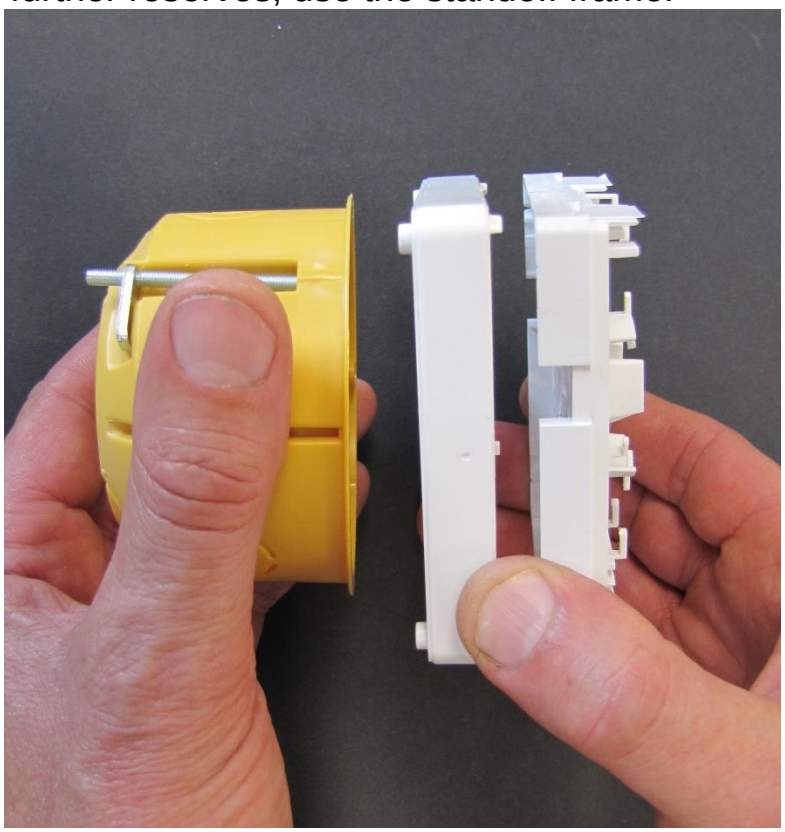




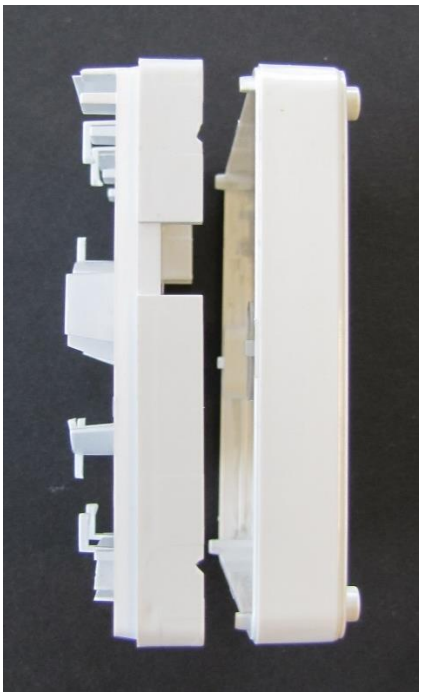
12. Store the reserve feeder cables in the installation box under the socket.

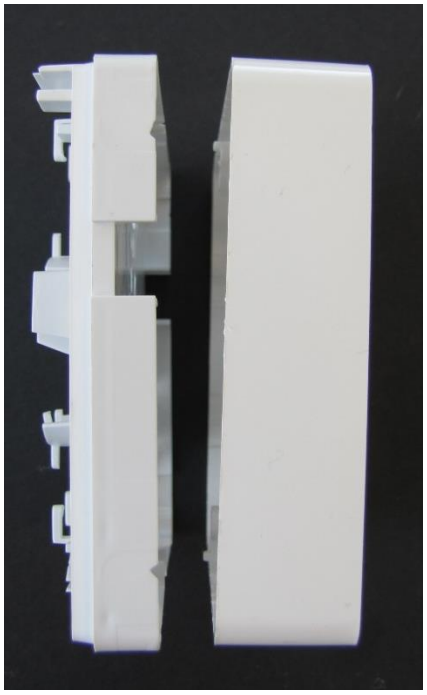


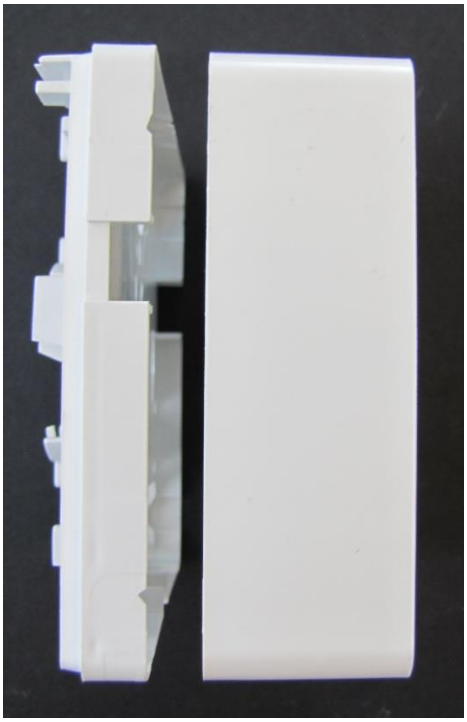
13. For storing further reserves, use the standoff frame.



14. If you are mounting the socket directly on the wall, store the spare feeder cables using the standoff frame, or the installation box at an appropriate height.







15. The operations specified in Paragraphs 1-14 should only be performed by an authorized technician.