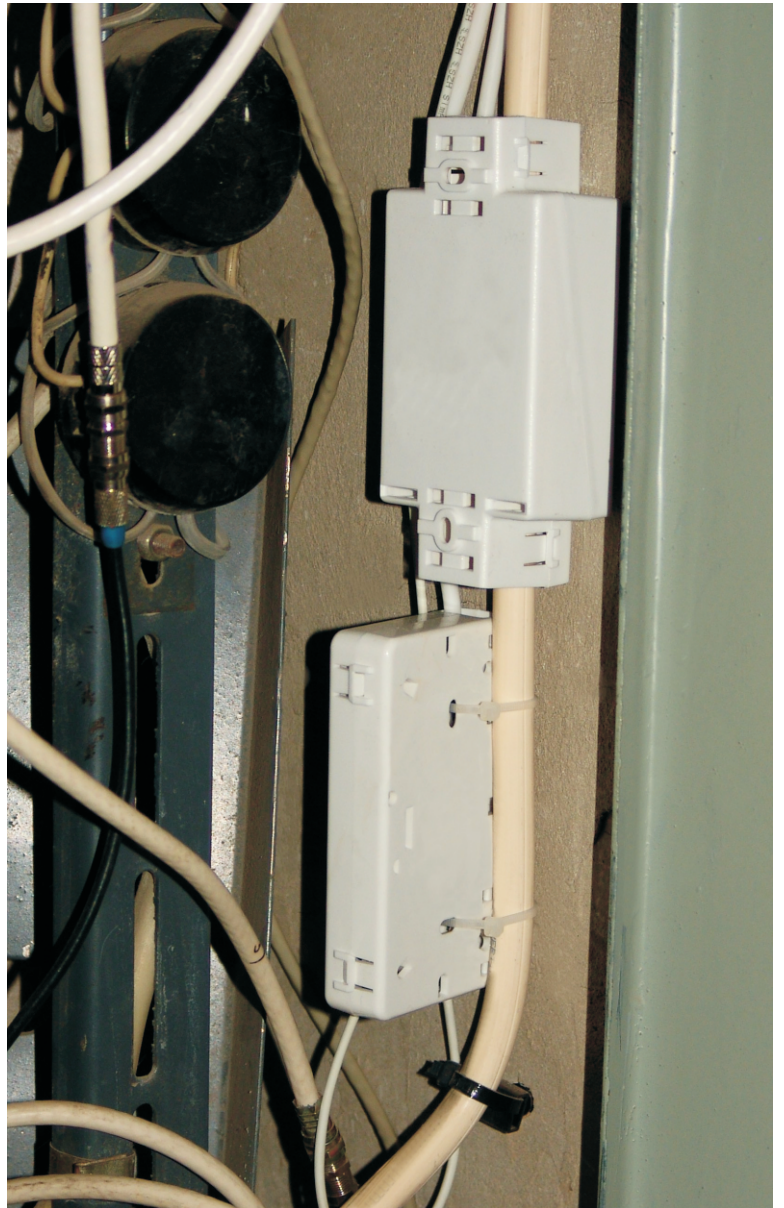
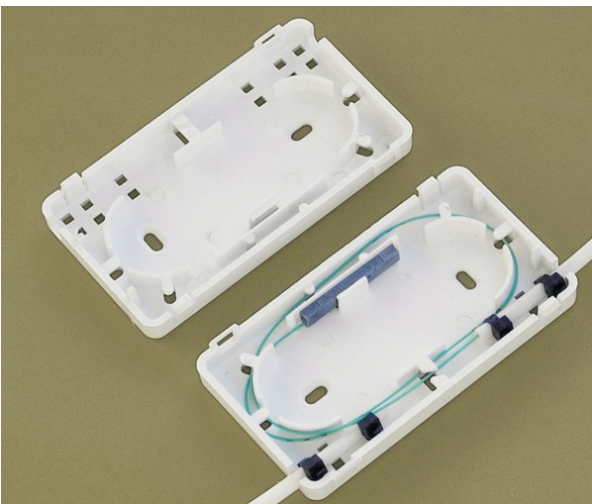
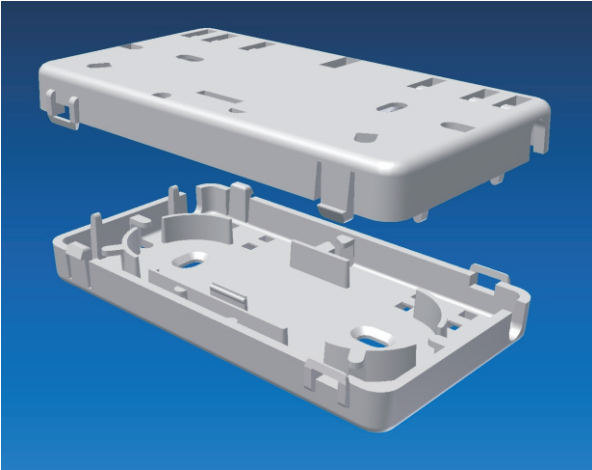


# FOS-18

## installation guide



**Fiber-optic splicing protection box for FTTH solutions. Designed for protecting of one or two connections, using mechanical splice holders**

You can put FOS-18 either in distribution cabinet (switchboard) next to FOS-16 or elsewhere where you can make fiber connections through mechanical splice holder. At each splice holder is possible to connect up to two cables. Combining both products you can make quick and price-performance FTTH solution – at least one optical fiber for each subscriber.

There is also special guide for winding spare fiber. For the incoming and outgoing fibers is possible to use plastic tubes or armed fiber patchcords.

### Technical specification:

Thoroughgoing cable diameter: 6 / 14 mm

Outgoing cover tube diameter: 5 mm

Number of outgoing connections: 4 (with extra fastening set - 8)

Size: 130x60x39 mm

Weight: about. 75 grams

Material: polycarbonate (PC)

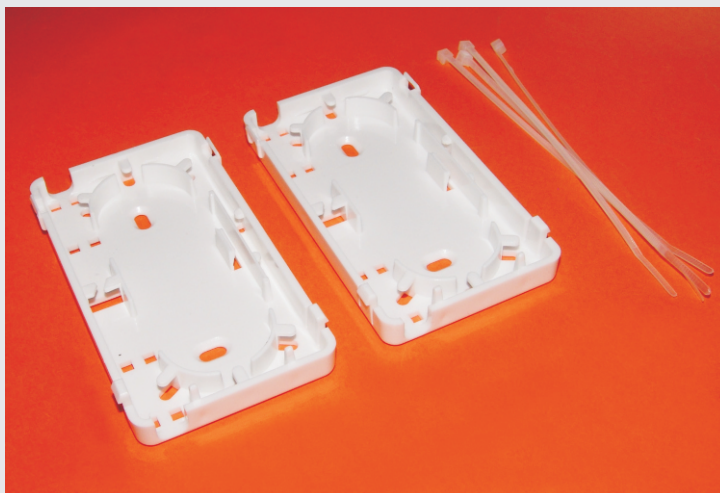


# Installing sequence

**1**

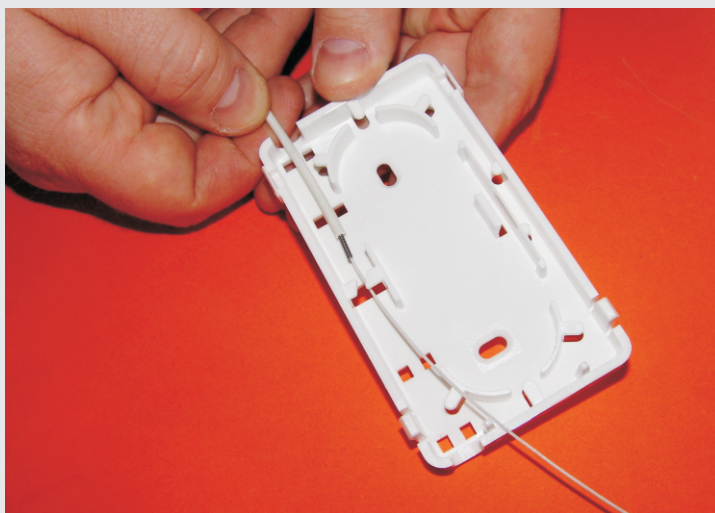
Unpack fiber-optic splicing protection box FOS-18.

At the package you will find two identical body parts and four plastic cable ties 152x2.5 mm.



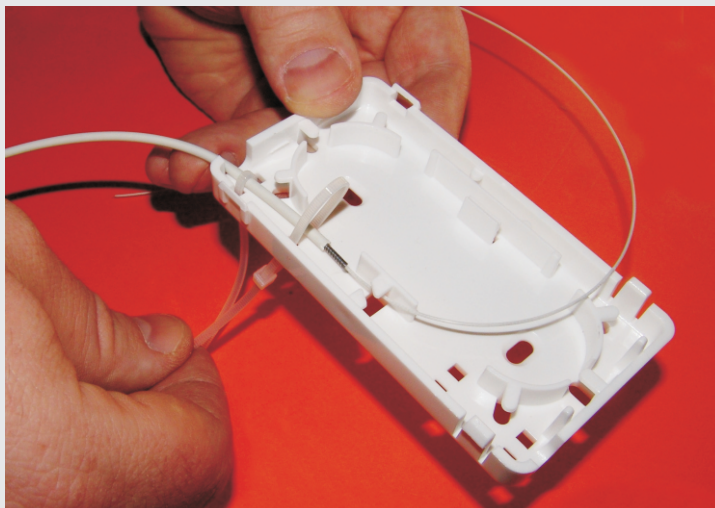
**2**

Put one of the incoming plastic tube /armed patchcord for 35-40 mm into the body.



**3**

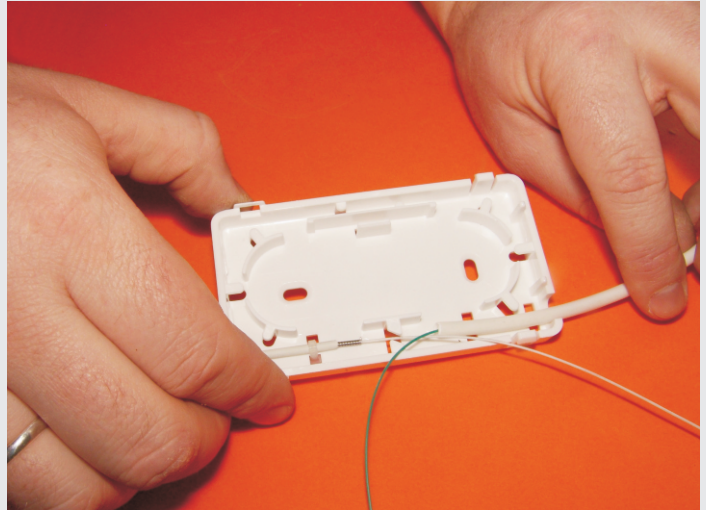
Fixate incoming plastic tube /armed patchcord with two cable ties.





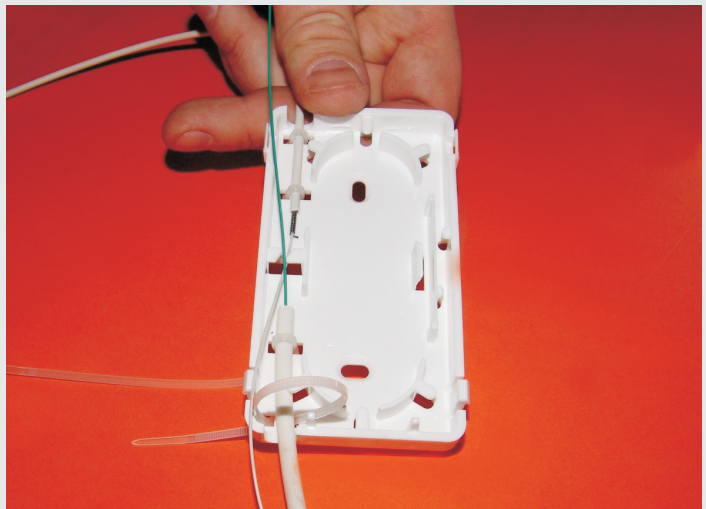
**4**

Do the same for the second plastic tube /armed patchcord.



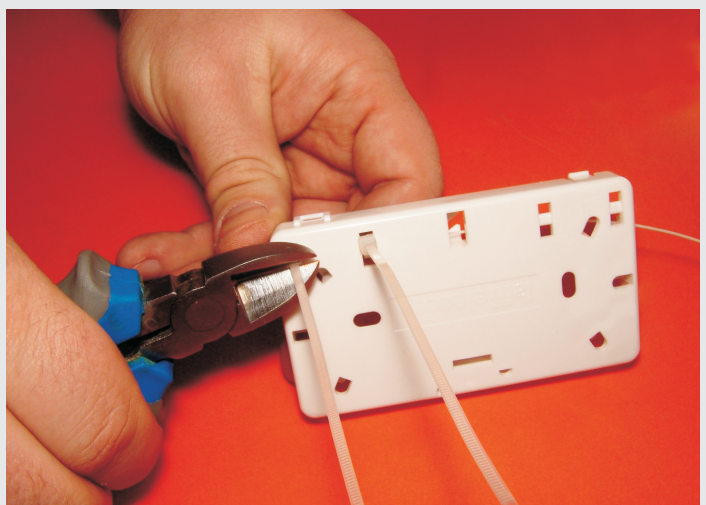
**5**

Fixate second plastic tube /armed patchcord with two remaining cable ties.



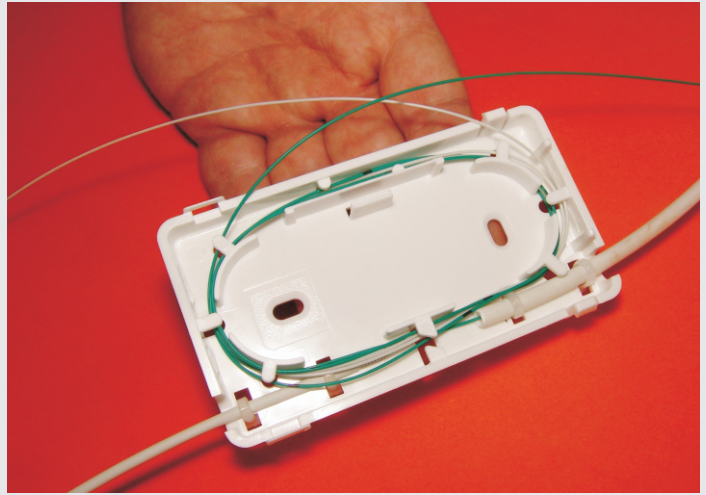
**6**

Use pliers to cut un-needed ends of cable ties.



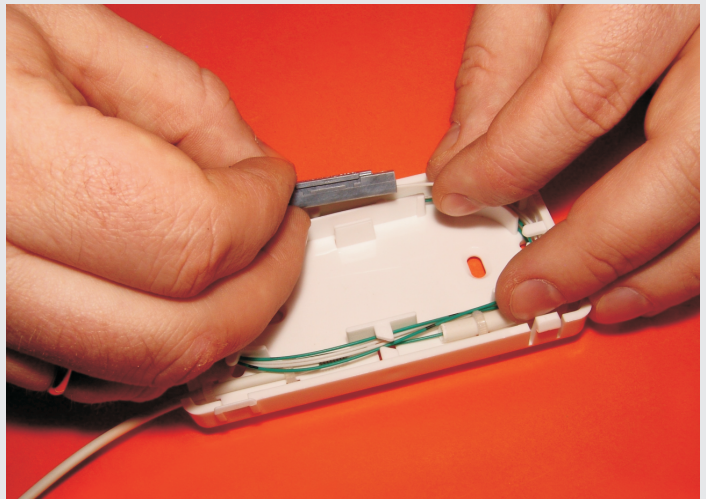
7

Use left free optical fibers to make a spare loop, 20-30 cm each.



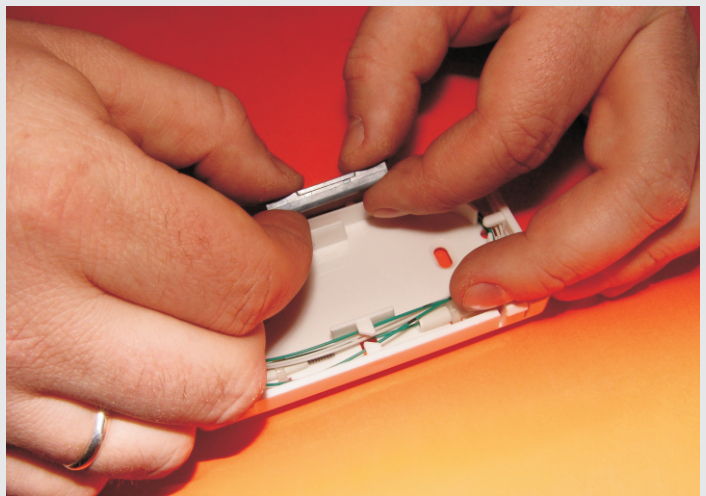
8

Put the optical fibers into mechanical splice holder and join them, in accordance with installation notes of splice holder.



9

Fixate fibers in mechanical splice holder.

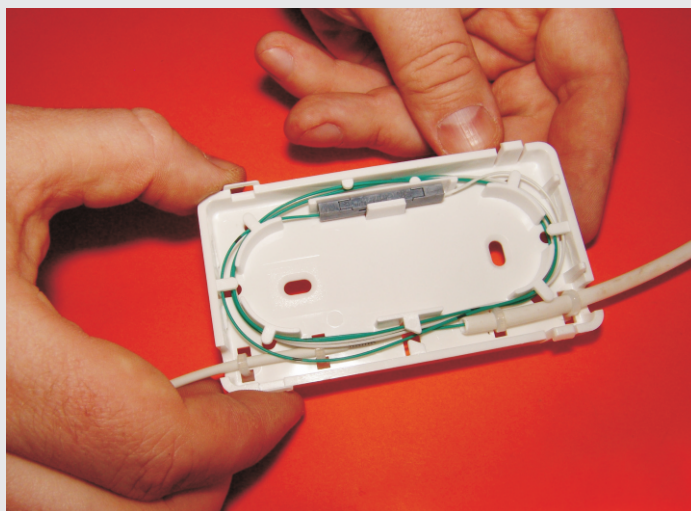


In case if you need to create the second connection in the same protection box, then you can do it on the opposite side of same box, repeat steps 2-9.



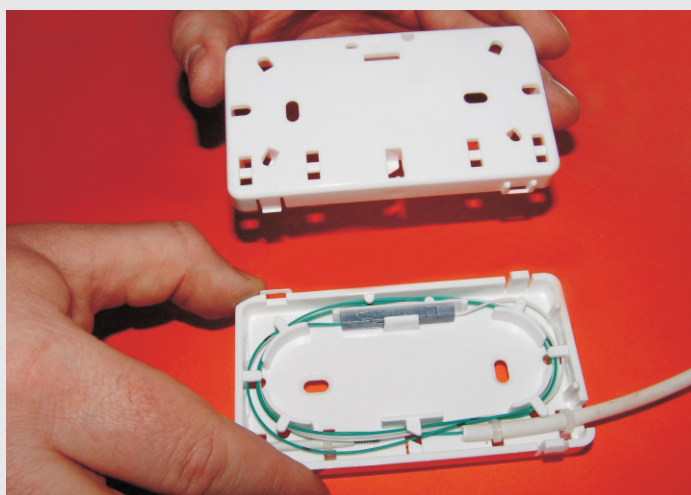
**10**

Arrange free optical fiber loops thus that they are kept in frame of protection box body.



**11**

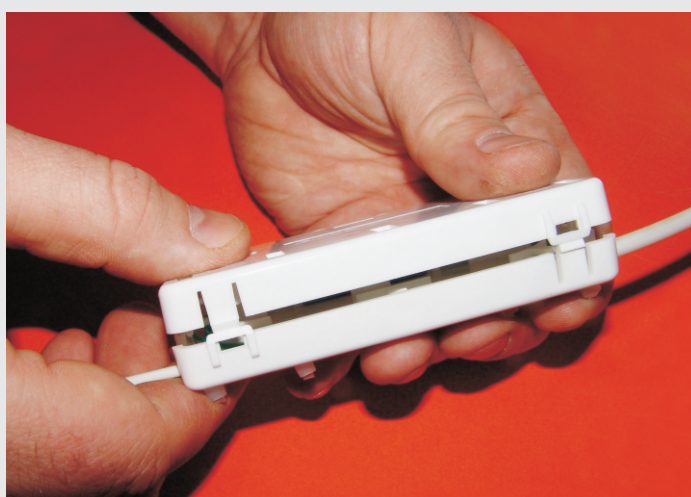
Carefully cover with remaining body part thus that this one is in an opposite direction that first one.



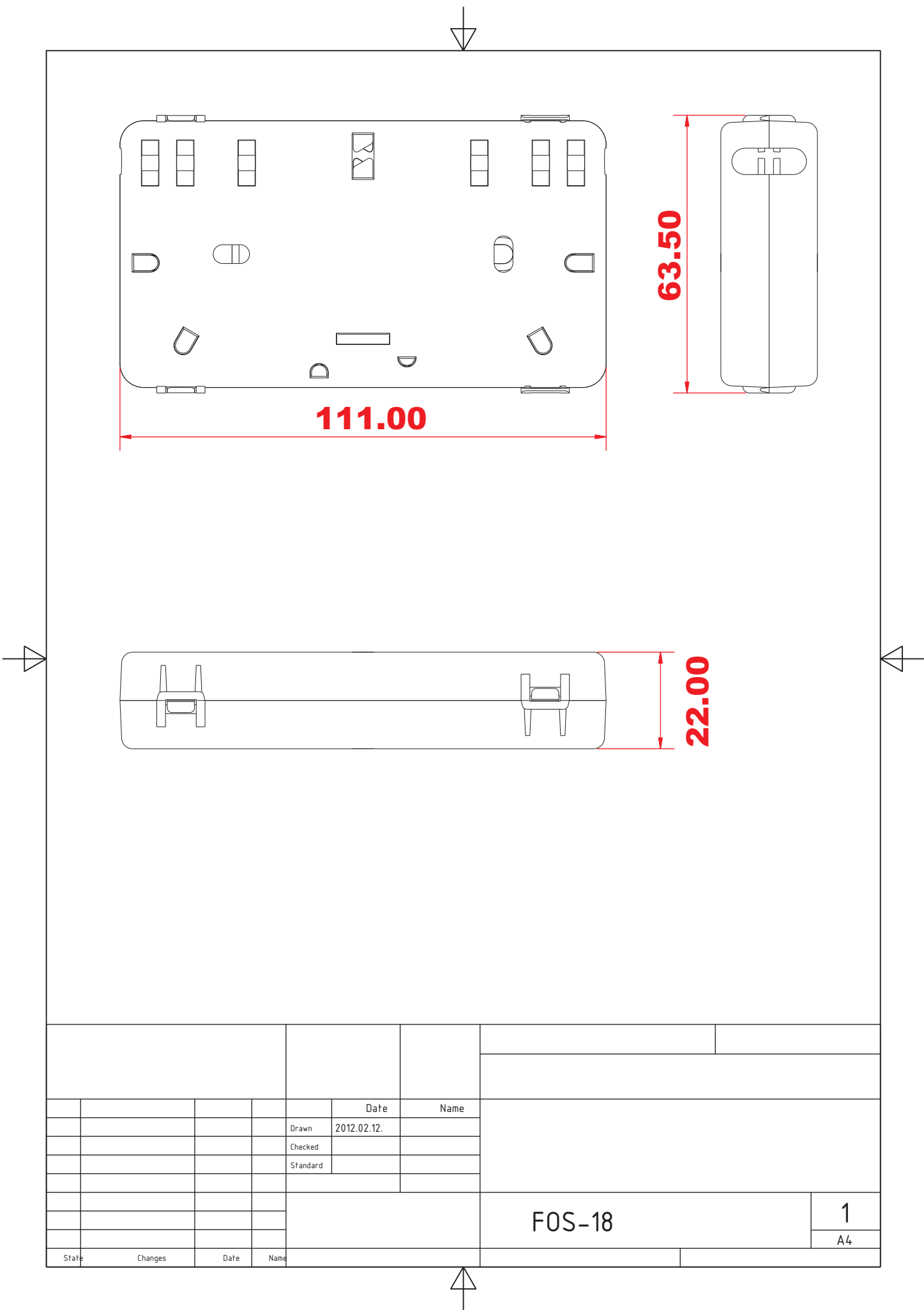
**12**

Squeeze both parts of the body until you heard "lock" sound.

Please check the fibers that they are not coming out of coupling places.



In case of necessity you can fix the splicing protection box on the wall using additional fixing elements (not included in the set).  
Use appropriate screw types for protection box fixing on different surfaces!



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State	Changes	Date	Name				