

External Compact Splice Box (ECSB4)

Part Number: XCPSC02944

Description

- The ECSB4 box is a compact wall box for splice only applications.
- The box can be used both externally and internally.
- One feeder cable and up to four drop cables can be installed into the box.
- The splice tray supplied with the box is capable of up to 12 splices.
- The wall box is supplied with sufficient components for the preparation, installation and routing of an input cable and four drop cables.
- A cable entry kit can also be purchased separately for spares.



Tools & Additional Items Required

Additional Items Required:	Prysmian Part No.	
Splice protectors (pk of 12)	XKTSC00050	
Optional Items: Cable Entry Kit	Prysmian Part No. XCPSC02998	

Component Parts (pictures not to scale)

<div><div><div>1 ECSB Wall Box</div><div></div></div></div>	<div><div><div>2 Installation kit</div><div></div></div></div> <div><div>Components and quantity in the kit</div><div><div><div>1. Foam tape</div><div>x 1</div></div><div><div>2. Cable tie</div><div>x 10</div></div><div><div>3. Cable grommet</div><div>x 5</div></div><div><div>4. Wall mount screw set</div><div>x2</div></div></div></div>
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Tools (pictures not to scale)

1 Marker Pen Qty 1 	2 Tape Measure Qty 1 	3 Screwdriver Qty 1 	4 Tube stripper Qty 1 
5 Flat Screwdriver Qty 1 	6 Hammer Qty 1 	7 Cable Tie Tightener Qty 1 	8 Scissors Qty 1 

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INSTALLATION INSTRUCTION

Box Preparation and Cable Installation

Step 1

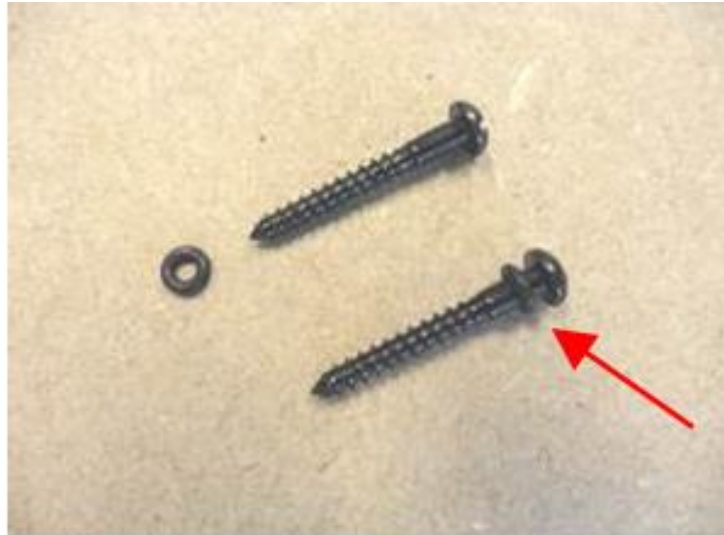


- The left port is for feeder cable.
- Four ports on the right are for drop cables.
- For drop ports always start from the rightest port.

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Box Preparation and Cable Installation

Step 2



- Remove the wall fixing screws from the kit and place a small o seal over each screw. Remove the wall fixing screws from the kit and place a small o seal over each screw.

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Box Preparation and Cable Installation

Step 3

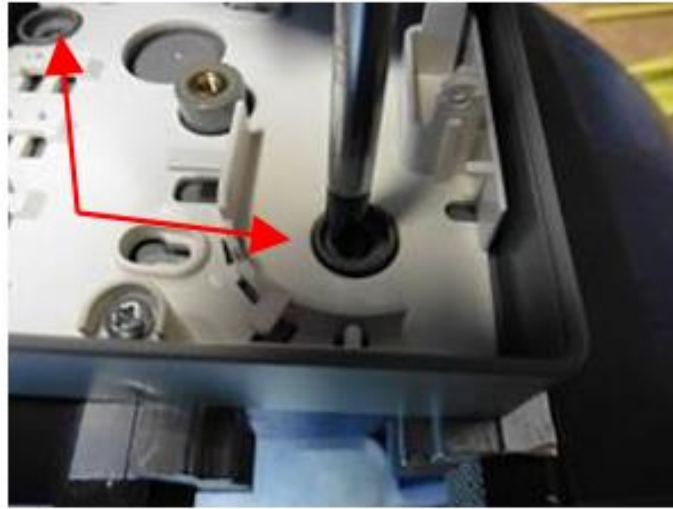


- Remove the cover fixing screw from the kit and place an o seal over the end of the screw as shown.

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Box Preparation and Cable Installation

Step 4



- Hinge open the splice tray and break out the two-wall mount knock-out points using a large pozidrive screwdriver and a hammer.

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Box Preparation and Cable Installation

Step 5



- Break out the required cable entry ports using a large pozi drive screwdriver and a hammer.

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Step 6



- Insert cable grommets into the required ports. Fully push the grommets in until the flat is in full contact with the inner wall of the box.

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Box Preparation and Cable Installation

Step 7



- Make two marks on the wall where the box should be installed.

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Step 8



O-Seal

- Drill holes on the wall at the marks and fix the box with two fixing screws. Before installing the screws ensure the rubber O seal is in place over each screw to form a seal between the head of the screw and the box.

Step 9



- Cut the blind end of the grommet according to the feeder cable diameter.

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Box Preparation and Cable Installation

Step 10



- Make a mark at 1.5 meter to the cable end.

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Step 11



- Remove the outer sheath of the cable from the mark. Remove any tapes and binders to leave only the fibre module(s).

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Step 12



- Feed the fibre unit through the grommet and push the cable through and into the box.

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Step 13



- Wrap foam tape around the cable for 1.5 turns and cut.

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Step 14



- Put two cable ties through holes in the insert and tighten the cable ties with a cable tie tightening gun.

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Step 15



- Repeat Step 9-14 for any drop cable(s).
- Route fibre modules in the insert as shown in the picture.

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Step 16



- Hinge down the splice tray and bring the fibre module(s) onto the tray.

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Box Preparation and Cable Installation

Step 17



- Make marks on fibre modules at the tab positions as shown in the picture.

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Box Preparation and Cable Installation

Step 18

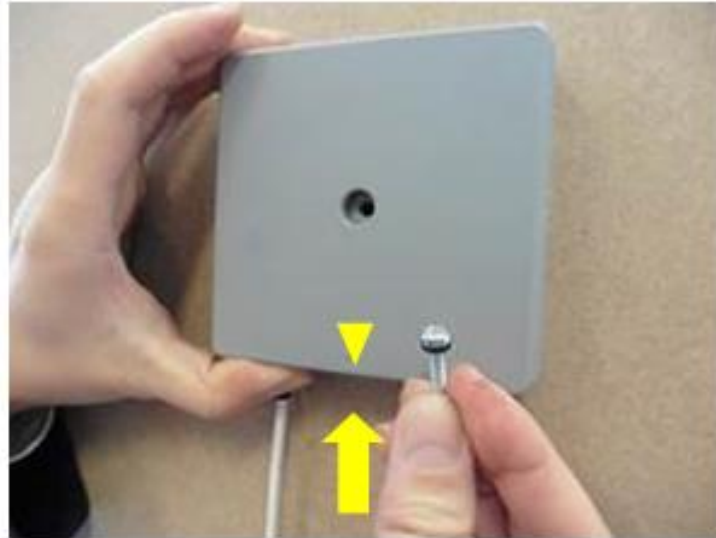


- Strip the fibre module at the marks.
- Route the fibres around the tracks and splice if required at this stage. Store the excess length beneath the tray tabs.

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Step 19



- Replace the cover with the triangle at the bottom face and tighten into place using the screw.
- Ensure the screw has the O seal fitted to it as shown to ensure the seal.

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Step 20



- Push the cap in place to cover the screw with the cut out facing towards the bottom face of the box.

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Step 21



- The box installation is finished.
- To add drop cables at a future date, follow steps 5-6 and 9-14.

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