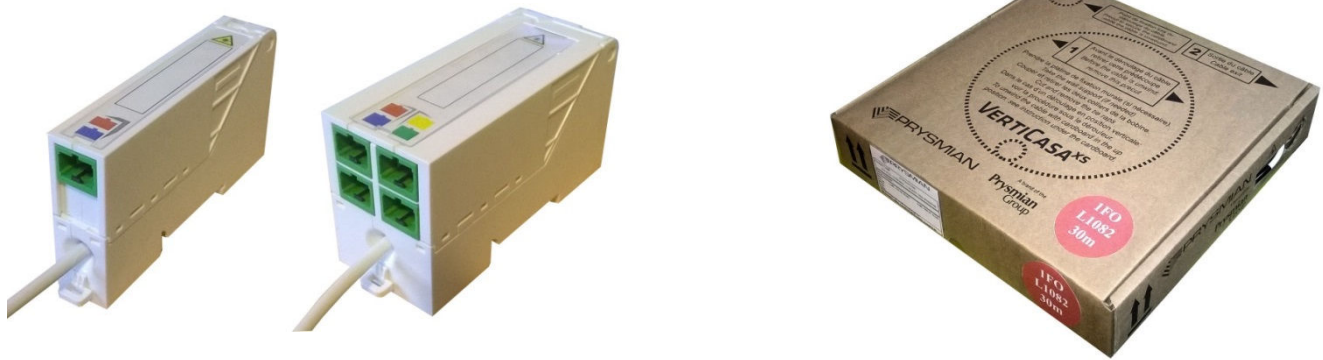


## Pre-terminated CB CTB kit for internal cables

**Prysmian Part Numbers: See table next page**



The Pre-terminated Circuit Breaker Compact Termination Box (CB CTB) kit for internal cables is designed for use in residential and business applications. The wall box is supplied on a cardboard reel with a length of cable pre-installed in the factory. This process eliminates the need for splicing or fitting field mount connectors in the customer premises. The cable is simply pulled out of the box, back to the floor/riser box and the CB CTB can be clipped on a DIN rail, without the need to open the unit. According to the configuration, the CB CTB is equipped from one to four SC/APC inner-shuttered adaptor. The cables are LSOH. The cable can be a «pull» type or a «push» type inside embedded duct and contains from one to four fibres Bendbright XS (G.657.A2). The standard lengths of cable supplied are 30 and 50 metres.

### Features and Benefits

- The CB CTB has a compact design for DIN rail mounting, ideal for a use inside a communication board or a home hub. Standard color is white RAL9010.
- Eliminates the need for splicing in the customer premises.
- On the front face, the cover contains a cut out for a label to be inserted and a further transparent cover is supplied to fit over the label.
- The CB CTB is available in two formats:
  - 1U unit suitable for up to two fibres with SC/APC adaptors.
  - 2U unit suitable for up to four fibres with SC/APC adaptors.
- The CB CTB is pre-terminated in the factory to a length of cable using SC/APC connectors. Fully tested, each box is supplied with data for insertion loss and return loss for each connector.
- The standard cable lengths available are 30m or 50m. Other lengths can be supplied. Contact Prysmian for further information.
- The «pull» type cables (L1082-x or L1088-2) for duct installation or direct to the wall installation are LSOH, have a 4 mm nominal diameter, can contain from one to four fibres BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated.
- The «push» type cables (L1087-xR) for duct installation are LSOH, have a 2,7 mm maximum diameter, can contain from one to four fibres BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated. All the accessories needed to push the cable are supplied within the kit.
- Cables enter unit from the bottom side.
- All fibres are positively managed to maintain a 15mm minimum bend radius.
- The CB CTB can be opened for maintenance purposes.
- Patch cords exit the unit on bottom face and are protected by the use of inner-shuttered adapters.

### Kit Contents

The CB CTB is supplied with the required cable length pre-terminated and wound onto a cardboard reel. The reel is supplied in a cardboard box and the cable can be spooled out directly from the box. Wall fixings are supplied with the box.

## Prysmian Part Numbers

### Pre-terminated CB CTB kit equipped with « push » type cable

<b>Prysmian Part Number</b>	<b>Designation</b>	<b>Product Content</b>
<b>XCPSC02882</b>	CB CTB Kit 1FO L1087-1R 30m	CB CTB equipped with 1fo «push» type cable L1087-1R, 30 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller with all the accessories required to push the cable inside a duct.
<b>XCPSC02883</b>	CB CTB Kit 1FO L1087-1R 50m	CB CTB equipped with 1fo «push» type cable L1087-1R, 50 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller with all the accessories required to push the cable inside a duct.
<b>XCPSC02884</b>	CB CTB Kit 4FO L1087-1R 30m	CB CTB equipped with 4fo «push» type cable L1087-4R, 30 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller with all the accessories required to push the cable inside a duct.
<b>XCPSC02885</b>	CB CTB Kit 4FO L1087-1R 50m	CB CTB equipped with 4fo «push» type cable L1087-4R, 50 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller with all the accessories required to push the cable inside a duct.

### Pre-terminated CB CTB kit equipped with « pull » type cable

<b>Prysmian Part Number</b>	<b>Designation</b>	<b>Product Content</b>
<b>XCPSC02886</b>	CB CTB Kit 1FO L1082-1 30m	CB CTB equipped with 1fo «pull» type cable L1082-1, 30 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller.
<b>XCPSC02887</b>	CB CTB Kit 1FO L1082-1 50m	CB CTB equipped with 1fo «pull» type cable L1082-1, 50 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller.
<b>XCPSC02888</b>	CB CTB Kit 2FO L1088-2 30m	CB CTB equipped with 2fo «pull» type cable L1088-2, 30 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller.
<b>XCPSC02889</b>	CB CTB Kit 2FO L1088-2 50m	CB CTB equipped with 2fo «pull» type cable L1088-2, 50 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller.
<b>XCPSC02890</b>	CB CTB Kit 4FO L1082-4 30m	CB CTB equipped with 4fo «pull» type cable L1082-4, 30 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller.
<b>XCPSC02891</b>	CB CTB Kit 4FO L1082-4 50m	CB CTB equipped with 4fo «pull» type cable L1082-4, 50 meters length, wall box's end SC/APC pre-terminated. The CB CTB is supplied within the unroller.

## Logistics

- Unroller Dimensions (mm): (l)280 (w)260 (d)55
- MOQ: 12 kits
- Transportation box for 12 kits (mm): (l)800 (w)300 (d)260
- Number of kits per Euro-palette (800x1200mm): 192 kits

#### Weight (kg):

CB CTB Kit 1FO L1082-x 30m	0,35kg
CB CTB Kit 1FO L1088-2 30m	0,35kg
CB CTB Kit 1FO L1087-xR 30m	0,20kg
CB CTB Kit 1FO L1082-x 50m	0,95kg
CB CTB Kit 1FO L1088-2 50m	0,95kg
CB CTB Kit 1FO L1087-xR 50m	0,50kg

## Technical Data – CB CTB

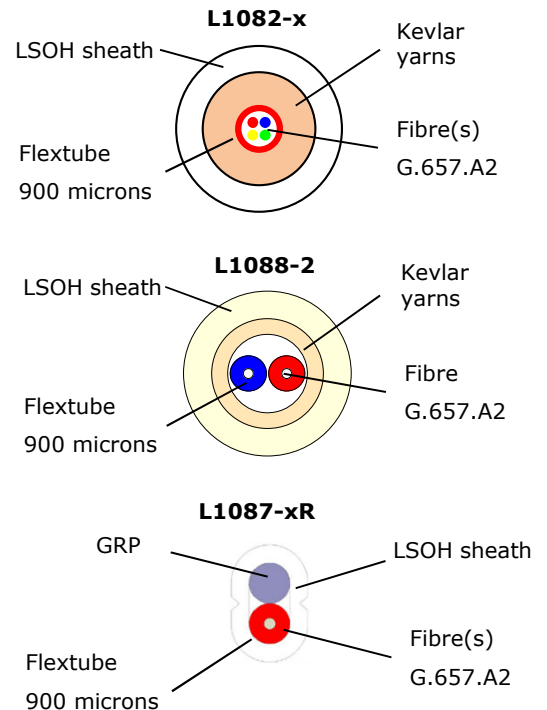
- Maximum input cable diameter(mm) : 5 mm
- Number of input cable port: 1
- 1/2 CB CTB Maximum Capacity : 2 connectors SC type
- 1/2 CB CTB Dimensions (mm) : 1U (l) 90 x (w) 50 x (d) 18
- 4 CB CTB Maximum Capacity : 4 connectors SC type
- 4 CB CTB Dimensions (mm) : 2U (l) 90 x (w) 50 x (d) 36
- Operating temperature : from -25 to +70°C
- Material/Color : ABS / White RAL9010
- Testing specification : FT\_RD\_WTC\_14\_04\_16 v2
- Inner-shuttered adapter type : SC/APC

## Technical Data – Fibre Termination

- Connector type: SC/APC
- Insertion lost (IL) @ 1310nm and 1550nm : ≤0,35dB.
- Return lost (RL) @ 1310nm and 1550nm : ≥60dB.
- Nominal connector angle SC/APC : 8°
- Operating temperature : from -25 to +70°C
- Testing specification : FT/RD/RESA/06/04/253

## Technical Data - Cable

Description	Number of fibres				
	1	4	2	1	4
Cable type	L1082-1	L1082-4	L1088-2	L1087-1R	L1087-4R
nominal diameter (mm)	4	4	4	2,7 x 1,9	2,7 x 1,9
Weight (kg/km)	16	16	16	7	7
Minimal bending radius (mm)	20	20	20	20	20
Maximal tension (daN)	40	40	40	15	15
Crush (daN/100mm)	15	15	15	10	10
Operating temperature (°C)	-30/+70			-5/+60	
Fibre type	G.657.A2 (BendBrightXS)				



Please contact your local sales office listed on [www.prysmiangroup.com](http://www.prysmiangroup.com)

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