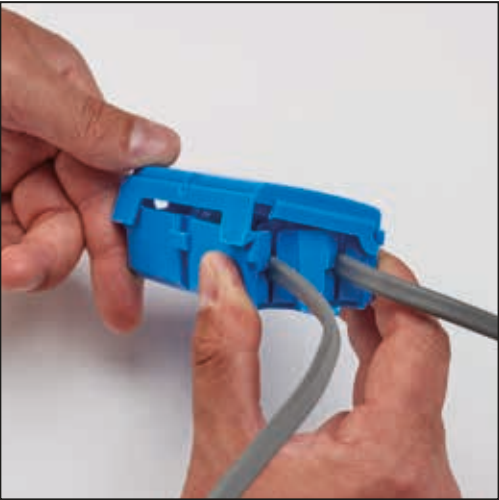


MAINTENANCE FREE  
ACCESSORY

When the In-Sure® Box is installed in an inaccessible location, the additional instructions below apply. This ensures the completed installation complies with BS 5733 for a maintenance free accessory.

**Step 1:** Apply BS 5733 rating requirements. Only use the connectors referred to in table 3. Connectors have been de-rated to be suitable as a BS 5733 maintenance free accessory. The Max Aggregate Current (I<sub>ag</sub>) is the sum of all the possible currents through the In-Sure® Box in normal use. This limit must not be exceeded. Usually the max I<sub>ag</sub> equals the number of phase connectors in the In-Sure® Box multiplied by the rating of the OPD (Over Current Protective Device) for the circuit.



**Step 2:** Follow the In-Sure® Box BS EN 60670-22 installation instructions. Additionally secure the lid on the In-Sure® Box with a cable tie passed through the loop.

**If you have any doubts consult a professional electrician or other qualified installer.**



Table 3.

Connector Model No.	Wire Connector Description	Max Current / Voltage ~ Rating	Max Cable mm²	Max Aggregate Current (max I <sub>ag</sub> )
32	2 Port In-Sure® Push-In	16A 250V	2.5mm²	48A
33	3 Port In-Sure® Push-In			
34	4 Port In-Sure® Push-In			
L2	2 Port Gen II Lever	16A 250V	2.5mm²	48A
L3	3 Port Gen II Lever			
L5	5 Port Gen II Lever			
42	SpliceLine® in-line	16A 250V	2.5mm²	24A

ORDERING INFORMATION

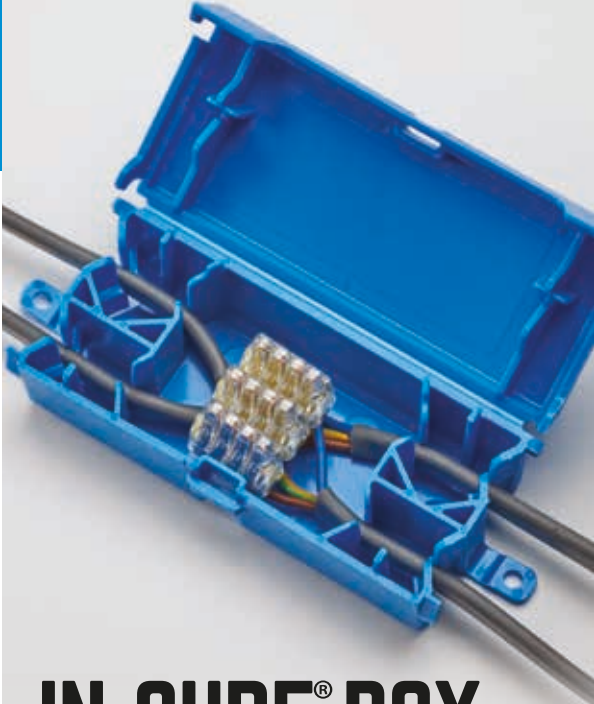
Model	Description Of Connector	Quantity	Cat. No.
32	2 Port In-Sure® Push-In	Box of 100	30-1032
33	3 Port In-Sure® Push-In	Box of 100	30-1033
34	4 Port In-Sure® Push-In	Box of 100	30-1034
L2	2 Port Gen II Lever	Box of 40	30-0092
L3	3 Port Gen II Lever	Box of 40	30-0093
L5	5 Port Gen II Lever	Box of 30	30-0095
L2 L3 L5	2 Port, 3 port and 5 port Gen II Lever	Combo pack: 10 x 2-port 10 x 3-port 10 x 5-port	30-0099
42	SpliceLine® in-line	Pack of 10	30-1342S
42	SpliceLine® in-line	Box of 100	30-1042
—	In-Sure® Box	Each	30-4000

FOR ADDITIONAL INFORMATION ON OUR WIRE CONNECTOR RANGE PLEASE VISIT:

[idealind.com](https://www.idealind.com)

**IDEAL INDUSTRIES EMEA**  
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IN-SURE® BOX

INSTALLATION  
INSTRUCTIONS  
(BS EN 60670-22 & BS 5733-MF)



SAFE, FAST AND  
MAINTENANCE FREE



BR-EVONSTALL-0324-EN Printed in UK

# COMPATIBLE WIRE CONNECTORS

The IDEAL In-Sure® Box enclosure can only be used with In-Sure® Push-In, Gen II Lever and SpliceLine® connectors as indicated below.

Connector Model No.	Description	Wire Combination Range	Strip length
32	2 Port In-Sure® Push-In	Solid Wires 0.75mm²-2.5mm²	13mm
33	3 Port In-Sure® Push-In	Rigid Stranded Wires 1.5mm²-2.5mm²	13mm
34	4 Port In-Sure® Push-In	(Rigid stranded wire is ≤ 7 strands)	13mm
L2	2 Port Gen II Lever	Solid, Rigid Stranded: 0.2mm²-4.0mm²	9-10mm
L3	3 Port Gen II Lever	Flexible: 0.14mm²-4.0mm²	9-10mm
L5	5 Port Gen II Lever		9-10mm
42	SpliceLine® in-line	Solid: 0.5mm² - 4.0mm² Stranded*: 1.0mm² - 2.5mm²	13mm

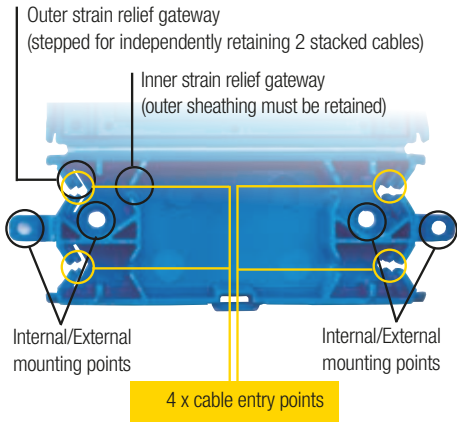
\* Stranded wire is limited to ≤ 7

# COMPATIBLE CABLE TYPES

The In-Sure® Box is designed to accept most common flat and round cables with an overall diameter of between 3 to 8mm – see below for the range of cables supported by the In-Sure® Box and the maximum cables per size.

Cable Type/Size	Flat Twin & Earth	3 Core Flat & Earth	General Purpose Flexible Cable	2 Core Flat Flexible Cable
2.5mm²	2	N/A	N/A	N/A
1.5mm²	6	4	2	N/A
1.0mm²	8	6	4	N/A
0.75mm²	N/A	N/A	4	8
0.5mm²	N/A	N/A	6	8

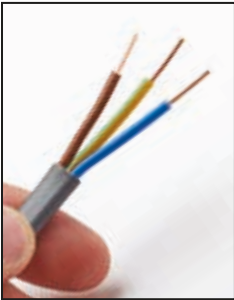
The In-Sure® Box can accept up to 6 individual connectors and has 4 cable entry points.



# STEP BY STEP GUIDE

The In-Sure® Box enclosure has no loose parts and is simple and easy to use. Simply follow the steps below to provide a secure installation in an accessible location as per BS EN 60670-22:

**Step 1:** Decide on either single end entry or in-line wiring configuration.



**Step 2:** Strip back the outer protective sheathing of the cable.



**Step 3:** Connect the cables together to make the circuit.



**Step 6:** If installing 2 cables of the same type through 1 cable entry point, the cables should be the same type.



**Step 7:** Squeeze the In-Sure® Box together and snap shut the lid.

**Step 8:** The In-Sure® Box has the ability to be mounted to any suitable surface using counter sunk no. 6 screw (3.5mm thread) either by using 2 external mounting points or if preferred, the 2 internal mounting points.

**Step 9:** DO NOT cover the In-Sure® Box with insulating material.



**Step 4:** Place the termination into the In-Sure® Box firmly pressing the cables into the cable grips.



**Step 5:** The outer sheathing of cable must be secured by the inner and outer grips.

