



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

### Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx TSA 25.0011U** Page 1 of 4 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-07-24

Applicant: **CCG Cable Termination (Pty) Ltd**  
33-37 Forge Road  
Spartan Industrial Area  
Kempton Park 1619  
**South Africa**

Ex Component: Posi Fit, Screw Fit & MultiBox Range of Enclosures

*This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).*

Type of Protection: **Increased Safety Ex "eb", "ec", Dust Ignition Ex "tb", "tc"**

Marking: Ex eb I Mb  
Ex eb IIC Gb  
Ex tb IIIC Db  
Ex ec IIC Gc  
Ex tc IIIC Dc  
  
Ts = -60°C to +110°C  
  
IP66/IP67/IP68 (2m cont.)

Approved for issue on behalf of the IECEx  
Certification Body:

**Ujen Singh**

Position:

**Quality & Certification Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

24 July 2025

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2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**TestSafe Australia**  
919 Londonderry Road  
Londonderry NSW 2753  
**Australia**





# IECEx Certificate of Conformity

Certificate No.: **IECEx TSA 25.0011U**

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Date of issue: 2025-07-24

Issue No: 0

Manufacturer: **CCG Cable Terminations (PTY) LTD**  
33-37 Forge Road  
Spartan Industrial Area  
Kempton Park 1619  
**South Africa**

Manufacturing locations: **CCG Cable Terminations (PTY) LTD**  
33-37 Forge Road  
Spartan Industrial Area  
Kempton Park 1619  
**South Africa**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

**IEC 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**IEC 60079-31:2022** Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

**IEC 60079-7:2017** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Reports:

**GB/CML/ExTR15.0072/00**  
**GB/CML/ExTR19.0225/00**

**GB/CML/ExTR16.0132/00**  
**GB/CML/ExTR25.0082/00**

**GB/CML/ExTR17.0138/00**

Quality Assessment Report:

**ZA/ICS/QAR14.0001/10**



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Date of issue: 2025-07-24

Issue No: 0

## Ex Component(s) covered by this certificate is described below:

The PosiFit enclosures are non-metallic enclosures manufactured from DMC (Dow Moulding Compound). The enclosures have a cylindrical shaped body with a screw-on cover, which is secured with a special tool that engages into the spines on the cover enclosure and have an O-ring between the housing and cover to maintain the IP rating. The cover can optionally be made from clear polycarbonate.

An alternative design, known as the ScrewFit Box, has the cover secured to the body with four M5 screws.

An adaptor, known as the Adapta Lid, can be used to convert an enclosure body from a screw-on cover type to the type that accepts a cover secured with four screws.

The PosiFit and ScrewFit enclosures have pressed metallic inserts in the side wall with threaded entries for certified entry devices, such as cable glands or stopping plugs.

The MultiBox enclosures are rectangular non-metallic enclosures manufactured from DMC (Dow Moulding Compound). Their lid is secured with four M6 screws and an O-ring between the housing and lid is used to maintain the IP rating.

The MultiBox enclosures have internal metal earth plates with threaded entries for certified entry devices, such as cable glands or stopping plugs.

See Annexe for more details.

## SCHEDULE OF LIMITATIONS:

1. For enclosures that do not utilise locking screws on the cover / lid, only the CCG tool supplied shall be used for opening and closing.
2. Under certain extreme circumstances, the polycarbonate (clear) cover incorporated in the enclosure may generate an ignition-capable level of electrostatic charge. Therefore, the enclosure shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. In addition, the equipment shall only be cleaned with a damp cloth.
3. When fitted with the polycarbonate (clear) cover, the enclosure shall be installed to prevent direct UV exposure of internal components.
4. Suitably certified cable glands and/or plugs shall be used in the enclosures threaded entries.
5. The enclosure types listed in this certificate have the following service temperature range, when assessed as part of equipment, these temperatures shall not be exceeded:  
Ts = -60°C to +110°C
6. The equipment/components have been subjected to impact tests equating to low risk of mechanical danger for Group I equipment in accordance with EN/IEC 60079-0 clause 26.4.2. When the equipment/components are used in Group I explosive atmospheres, the user shall ensure that they are additionally protected or installed in an area where they are at low risk of mechanical impact.
7. The equipment/components have not been subjected to the tests for resistance to chemical agents for Group I equipment in accordance with EN/IEC 60079-0 clause 26.11. The user shall ensure that the equipment is not exposed to oils, greases, hydraulic fluids or any other chemical agents that may damage the equipment or invalidate the type of protection.



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Date of issue: 2025-07-24

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**Additional information:  
Manufacturer's Routine Test:**

None.

**Note on Drawing List pertaining to Issue 0 of this Certificate:**

Drawings **100300-M-U** and **10050-M-U**, previously referenced in IECEx Test Report No. GB/CML/ExTR19.0225/00, have been replaced with drawings **100300-M-U-AU** and **10050-M-U-AU**. The updates made were solely to include the Testsafe certificate number.

Drawing **10050B-10050C**, also listed in IECEx Test Report No. GB/CML/ExTR19.0225/00, have been replaced with drawings **10050B-10050C-AU**, which likewise reflect the addition of the Testsafe certificate number with correct edition errors.

**Annex:**

[IECEx TSA 25.0011U-0\\_Annexe.pdf](#)



# IECEx Certificate of Conformity Annexe

<b>Annexe for Certificate No.:</b>	<b>IECEx TSA 25.0011U</b>	<b>Issue No.:</b>	<b>0</b>
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## Equipment description continue:

The enclosures can be manufactured in the following various types and sizes:

Box Type	Box Size	Entry thread sizes	Entry positions
Posi Fit 4-Way / Tx box	0	M16 – M20	4 entries positioned orthogonally around the side walls
	1	M16 – M20	
	2	M16 – M25	
	3	M16 – M32	
	4	M16 – M40	
Screw Fit 4-Way Box	0	M16 – M20	4 entries positioned orthogonally around the side walls
	1	M16 – M20	
	2	M16 – M25	
	3	M16 – M40	
Posi Fit Y-Box	0	M16 – M20	2 entries on one side of the box and one entry at the other side of the box
	1	M16 – M20	
	2	M16 – M25	
	3	M16 – M32	
Posi-Fit H-Box	1	M16 – M20	2 entries on one side of the box and 2 entries at the other side of the box
	2	M16 – M25	
Bottom Entry Angle Box	1	M20 – M25	3 entries positioned at the bottom of the box in a triangular layout
	2	M20 – M32	
	3	M20 – M40	
3-Way Bottom Entry Box	1	M16 – M20	3 entries positioned at the bottom of the box in a triangular layout
	2	M16 – M25	
Angle Box	2	M16 – M25	2 entries positioned at the bottom of the box and 2 more, one on each side of the box
ST Box / Strut Box	1	M16 – M20	2 entries positioned at opposite sides of the box
Multi Box	B	M16 – M32	Multiple entries and combinations of entry sizes into box body are possible
	C	M16 – M40	

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919 Londonderry Road  
Londonderry NSW 2753 Australia



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**Drawing list pertaining to Issue 0 of this Certificate:**

<b>Document / Drawing Number:</b>	<b>Page/s:</b>	<b>Title:</b>	<b>Revision Level:</b>	<b>Date: (yyyy-mm-dd)</b>
065001-S M	1	Strut Box Material	1	2019-11-07
065001-S	1	Strut Box	-	2012-06-06
100201 - 100202	1	3 Way Bottom Entry Box	1	2021-05-07
100201 – 100202-M	1	3 Way Bottom Entry Box- Material	1	2019-11-07
1003-0 – 100304	1	Posifit / TX Box Ex	1	2019-11-07
1003_0 _ 100304 M	1	Posifit / TX Box Ex - Material	1	2019-11-07
100300-M-U-AU	1	“X” Posi Box U-Marking	1	2025-06-06
100301-H – 100303-H	1	Posifit H Box Ex	0	2009-11-18
100301-H – 100303-H-M	1	Posifit H Box Ex - Material	0	2009-11-18
100301-SF-100304_SF	1	“X” All Type Ccg Screw Fit Box Assembly	1	2019-11-07
10050B – 10050C-AU	1	“X” Multi Box Posifit Assembly	-	2020-04-06
10050-M-U-AU	1	“X” Posi Multi Box U-Marking	1	2025-06-06
100701-ALID	1	Adapta Lid Cover Assembly	1	2019-11-07
1009-0 - 100903	1	Posifit Y Box Ex	1	2019-11-07
1009-0 – 100903 - M	1	Posifit Y Box Ex - Material	-	2009-11-18
100921 – BE – 100923 - BE	1	Bottom Entry Angle Box Ex	-	2010-08-06
100921 – M – 100923 – M	1	Bottom Entry Angle Box Ex- Material	1	2019-11-07
100922 – M	1	Angle Box Ex – Material	1	2019-11-07
100922	1	Angle Box Ex	-	2009-11-18

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