INSTALLATION INSTRUCTIONS FOR CMP
STOPPER PLUG TYPES 747, 757 & 767
STOPPER PLUGS FOR USE IN EXPLOSIVE ATMOSPHERES TO CLOSE OFF THREADED ENTRY HOLES

747A STOPPER PLUG
- Stopper plug with external Allen key aperture

747B TAMPER-PROOF STOPPER PLUG
- Stopper plug with an internal Allen key aperture. Tightened in place from inside the enclosure, making it tamper-proof.

757 HEXAGON HEAD STOPPER PLUG
- Hexagon headed stopper plug. Tightened with a spanner.

767 STOPPER PLUG
- Mushroom headed stopper plug with an Allen key aperture.

The 747, 757 & 767 Stopper Plugs are available in metal for use in Ex d and Ex e environments and in nylon for Ex e environments only.

Type 757 and 767 stopper plugs are available with an optional “O” ring face seal.

LISTED
CONDUIT FITTING FOR
EXPLOSIVE ATMOSPHERES
65RN

<table>
<thead>
<tr>
<th>Male Thread (mm)</th>
<th>747A</th>
<th>747B</th>
<th>757</th>
<th>767</th>
<th>Max Installation Torque (Nm)</th>
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Dimensions are displayed in millimetres unless otherwise stated

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TECHNICAL DATA
INGRESS PROTECTION: IP66, IP67, IP68, Enclosure Type 4X (747 IP66)

* 747 Stopper Plugs have passed IP66 compliance tests to IEC 60529 with no additional sealing. However CMP would recommend the addition of thread sealant or grease (such as Dow Corning No. 4 Silicone) in order to help maintain IP66 and keep water out of the enclosure in the long-term. The addition of thread sealant or grease is permitted as long as it is non-setting, non-metallic and non-combustible in compliance with IEC 60079-14.

EXPLOSIVE ATMOSPHERES AREA CLASSIFICATION
ATEX CERTIFICATION No: CML 18ATEX1320X
ATEX CERTIFICATION CODE: Metallic

IECEx CERTIFICATION No: 19.0177X
IECEx CERTIFICATION CODE: Metallic

SIMTARS CERTIFICATION No: IECEx SIM.15.0002X
SIMTARS CERTIFICATION CODE: Metallic

cCSAus CERTIFICATION No: 1055233 (Metallic only)
cCSAus CERTIFICATION CODE: Metallic

UL CERTIFICATION No: E214221 (Metallic only)
UL CERTIFICATION CODE: Metallic

IECEx CERTIFICATION No: IECEx CML 18.0177X
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INSTALLATION INSTRUCTIONS
Installation should only be performed by a competent person using the correct tools. Ensure thread type and size are compatible with the associated enclosure / fitting threads. Fully tighten threads.

SPECIAL CONDITIONS FOR SAFE USE
1. The following conditions apply to all adaptors, reducers and stopping plugs:
   a. The adaptors reducers and stopping plugs shall be assembled in such a way that their protrusion from an associated enclosure is not increased.
2. The following condition applies to non-metallic and aluminium adaptors, reducers and stopping plugs:
   a. Non-metallic and aluminium adaptors, reducers and stopping plugs shall not be used in group I applications.
3. The following conditions apply to non-metallic adaptors, reducers and stopping plugs:
   a. Non-metallic adaptors, reducers & stopping plugs shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of -20°C to +60°C.
   b. Refer to the manufacturers instructions for the action necessary regarding electrostatic risk.
4. The interface between a cable entry device and its associated enclosure / cable entry will require additional sealing to achieve ingress protection (IP) ratings higher than IP54. The minimum protection level is IP54 for explosive gas atmospheres and IP6X for explosive dust atmospheres. Parallel threads (and tapered threads when using a non-threaded entry) require a CMP sealing washer or integral O-ring face seal (where available) to maintain IP66, 67 and 68 (when applicable). It is the installer’s responsibility to ensure the IP rating is maintained at the interface.
   Note: When fitted to a threaded entry, all threaded tapers will automatically provide an ingress protection rating of IP68.
5. A CMP earth tag should be used when it is necessary to provide an earth bond connection. CMP earth tags have been independently tested to comply with Category B rating specified in IEC 62444 (there are no ratings stated in IEC 60079-0). Ratings are shown in the associated table. CMP earth tags slip over the cable gland or accessory entry thread from inside/outside the enclosure and must be secured with a locknut (if fitted internally).
6. The non-metallic materials used in CMP Products adaptors, reducers and stopping plugs are chemically resistant to most oils, fuels, spirits and some alcohols. The materials are not compatible with most acids. Please contact CMP Products to check compatibility with a particular chemical. The product is designed in such a way to prevent hazard or injury.

<table>
<thead>
<tr>
<th>CMP Earth Tag Size</th>
<th>Short Circuit Ratings Symmetrical Fault Current (kA) for 1 second</th>
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<tbody>
<tr>
<td>20</td>
<td>3.06</td>
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<tr>
<td>25</td>
<td>4.06</td>
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ELECTROSTATIC DISCHARGE HAZARD
If cleaning is necessary then non-metallic parts can be cleaned with a damp cloth and allowed to dry naturally. Do not clean using a dry cloth.

ACCESSORIES
The following accessories are available from CMP Products, as optional extras, to assist with fixing, sealing and earthing: Locknut | Earth Tag | Serrated Washer | Entry Thread (I.P.) Sealing Washer.

Note:
1. 757 & 767 Stopper Plugs are available with an integral ‘O’ ring entry thread seal. Select this version by adding “R” after 757D, e.g. 757DRM7
2. Other materials and thread types are available, consult the CMP website (www.cmp-products) for details.

David Willcock - Certification Engineer (Authorised Person)
CMP Products Limited, Cramlington, UK, NE23 1WH
15 April 2019

C E N N N N N