

# 747

## 747 RECESSED STOPPER PLUG, GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE / CONDUIT ACCESSORY

- Provides means of blanking unused cable entries
- Temporary or permanent
- Tamper-proof (Type B) version available
- General purpose / industrial version available
- Nylon Ex e only version available (-20°C to +60°C)
- -60°C to +200°C (metallic versions)
- Globally marked, IECEx, ATEX, cCSAus and UL (Metallic versions only)
- For use with threaded entry holes only - for stopper plugs suitable for use in clearance/through holes, please see 757 or 767
- Nylon stopper 717 / 717e to be used for sizes M20, M25, M32, 1/2", 3/4" and 1"

Type A



Type B



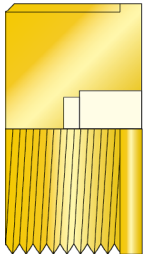
**IP66**  
+200°C  
↑  
-60°C

**Ex db Ex eb Ex ta**

| TECHNICAL CLASSIFICATION         |   |
|----------------------------------|---|
| DESIGN SPECIFICATION             | BS 6121:Part 1:1989   |
| ENCLOSURE PROTECTION             | IK10 to IEC 62262 (20 joules) Brass & Stainless Steel Only                |
| INGRESS PROTECTION RATING        | IP66  |
| AVAILABLE MATERIALS              | Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel, Nylon |
| CONTINUOUS OPERATING TEMPERATURE | -60°C to +200°C (Metallic), -20°C to +60°C (Nylon)                        |

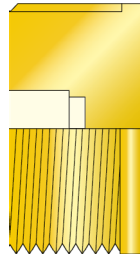
| GLOBAL PRODUCT CERTIFICATION |   |                              |   |
|------------------------------|---|------------------------------|---|
| ATEX CERTIFICATE             | CML18ATEX1320X  | IECEx CERTIFICATE            | IECEx CML 18.0177X, IECEx SIM 15.0002X  |
| CODE OF PROTECTION           | Ⓜ II 2G 1D Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da<br>Ⓜ I M2 Ex db I Mb, Ex eb I Mb<br>(II 2G 1D Ex eb IIC Gb, Ex ta IIIC Da only on Nylon version) | CODE OF PROTECTION           | Ex db I Mb, Ex eb I Mb; Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da (Ex eb IIC Gb, Ex ta IIIC Da only on Nylon version) |
| COMPLIANCE STANDARDS         | EN 60079-0, 1, 7, 31  | COMPLIANCE STANDARDS         | IEC 60079-0, 1, 7, 31   |
| cCSAus CERTIFICATE           | 1055233 (Metallic versions only)  | UL CERTIFICATE               | E214221 (Metallic versions only)  |
| CODE OF PROTECTION           | Class I, Groups A, B, C and D; IP66, 67, 68; Enclosure Type 4X; Class II Groups E, F and G; Class III Ex de II, Class I, Zone 1, AEx de II            | CODE OF PROTECTION           | Class I, Groups A, B, C, and D; Class II Groups E, F, and G; Class III  |
| COMPLIANCE STANDARDS         | C22.2 No. 0, 0.5, 30, 94, CSA C22.2 60079, 0, 1, 7, UL50, UL1203, UL 60079-0, 1, 7  | COMPLIANCE STANDARDS         | UL 1203   |
| EAC CERTIFICATE              | TC RU C-GB.AA87.B.00487   | UkrSEPRO CERTIFICATE         | CLJ 19.0372X  |
| RETE APPROVAL NUMBER         | 03866   | COE/PESO (INDIA) CERTIFICATE | P444949   |
| NEPSI CERTIFICATE            | GJ18.1255X  | INMETRO APPROVAL             | TUV 12.1333X  |
| KCS KOSHA CERTIFICATE        | 14-GA4BO-0248X  | ECAS CERTIFICATE             | 20-02-05266   |
| MARINE APPROVALS             | LRs: 01/00173 DNV: TAE000000Y ABS: 17-LD1619350-PDA, BV: 43180 A1 BV  |                              |   |

747 Type A Non tamper-proof



← into equipment

747 Type B Tamper-proof



← into equipment

### HOW TO ORDER

e.g. 747 - D - A - M - 3 - 1

= Dual certified Ex d & Ex e - Type A - M25 - Aluminium

For Tamper-Proof Type B Stopper Plugs please substitute the letter A with the letter B in the ordering reference list opposite.

Other thread variations are available on request. For further information on ordering please refer to the Ordering Accessories page.

| DESCRIPTION                            | ALLEN KEY RECESS | METALLIC |        |            | NON-METALLIC |            |
|--|------------------|----------|--------|------------|--------------|------------|
|  |                  | Ex 'd'   | Ex 'e' | INDUSTRIAL | Ex 'e'       | INDUSTRIAL |
| 747 RECESSED NON-TAMPER PROOF TYPE 'A' | ✓                | ✓        | ✓      | ✓          | ✓            | ✓          |
| 747 RECESSED TAMPER-PROOF TYPE 'B'     | ✓                | ✓        | ✓      | ✓          | ✓            | ✓          |
| 757 HEXAGON HEAD                       | x                | ✓        | ✓      | ✓          | ✓            | ✓          |
| 757 HEXAGON HEAD C/W O-RING SEAL       | x                | ✓        | ✓      | ✓          | ✓            | ✓          |
| 767 DOME HEAD                          | ✓                | ✓        | ✓      | ✓          | ✓            | ✓          |
| 767 DOME HEAD C/W O-RING SEAL          | ✓                | ✓        | ✓      | ✓          | ✓            | ✓          |
| 717 UNIVERSAL                          | ✓                | x        | x      | x          | ✓            | ✓          |

| PRODUCT SELECTION TABLE |             |                       |                    |
|-------------------------|-------------|-----------------------|--------------------|
| ORDERING REFERENCE      | THREAD SIZE | MINIMUM THREAD LENGTH | ALLEN KEY SIZE A/F |
| 747DAM1                 | M16 X 1.5   | 15.0                  | M8                 |
| 747DAM2                 | M20 X 1.5   | 15.0                  | M10                |
| 747DAM3                 | M25 X 1.5   | 15.0                  | M10                |
| 747DAM4                 | M32 X 1.5   | 15.0                  | M10                |
| 747DAM5                 | M40 X 1.5   | 15.0                  | M10                |
| 747DAM6                 | M50 X 1.5   | 15.0                  | M10                |
| 747DAM7                 | M63 X 1.5   | 15.0                  | M14                |
| 747DAM8                 | M75 X 1.5   | 15.0                  | M14                |
| 747DAM9                 | M90 X 2.0   | 24.0                  | M14                |
| 747DAM10                | M100 x 2.0  | 24.0                  | M14                |

All dimensions shown are in millimetres unless otherwise stated

If a nylon stopper is required for sizes M20, M25, M32, 1/2", 3/4" and 1" please order 717 (see datasheet TDS811) or 717e (TDS823).

Dimensions listed are for metric accessories only. Dimensions for alternative threads may vary.