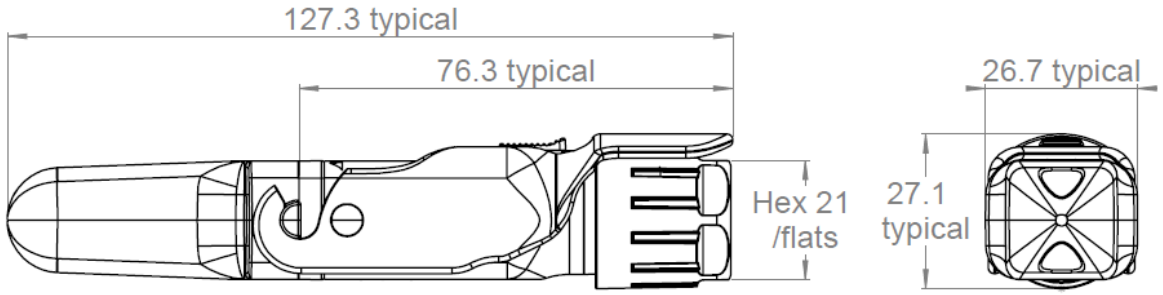
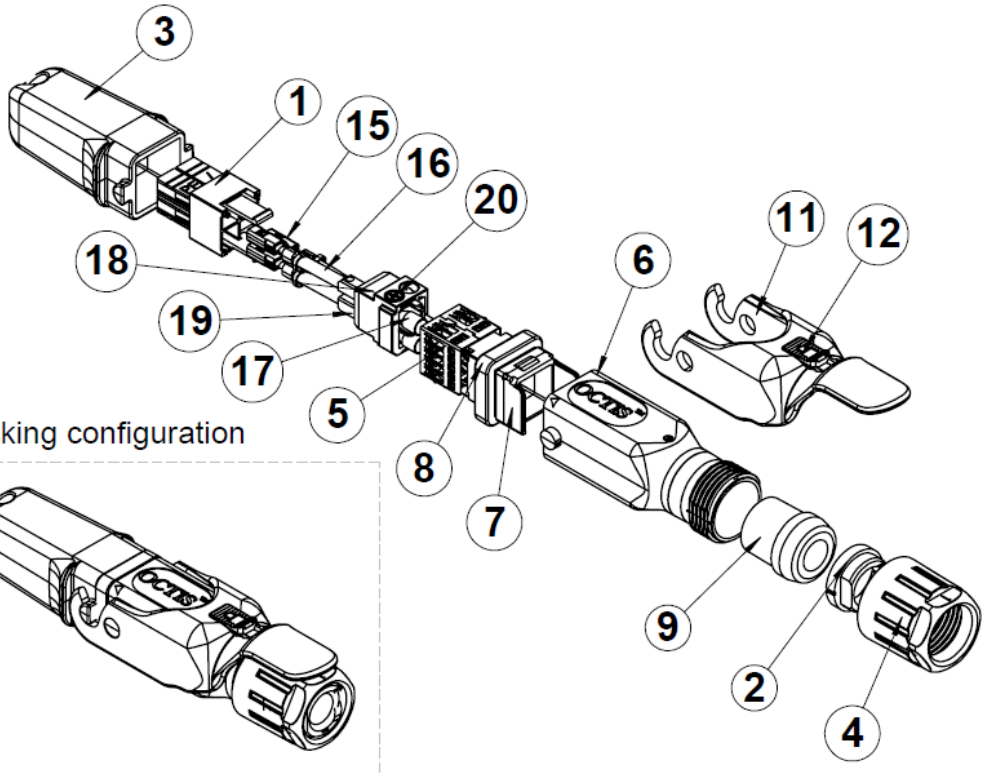
| PAGE **1/3** | ISSUE **10-01-23A** | SERIES **OCTIS** | PART NUMBER **OCTI337540** |
|---|---|---|---|




Packing configuration



All dimensions are in mm. Tolerances according ISO 2768 m-H

**DESCRIPTION**

| REP | COMPONENT | MATERIALS | PLATING |
|---|---|---|---|
| **1** | **Terminal block** | **PLASTIC** | **-** |
| **2** | **Tightening cone** | **NYLON** | **-** |
| **3** | **Plug cap** | **PBT GF** | **-** |
| **4** | **Gland nut** | **PBT GF** | **PURPLE COLOR** |
| **5** | **Grounding ring** | **STAINLESS STEEL** | **-** |
| **6** | **Housing** | **PBT GF** | **-** |
| **7** | **Holder** | **ZAMAK** | **PASSIVATED** |
| **8** | **Interface sealing gasket** | **SILICONE** | **-** |
| **9** | **Rubber gland Ø9** | **SILICONE** | **-** |
| **11** | **Lever** | **IXEF** | **-** |
| **12** | **Locking button** | **PBT** | **-** |
| **15** | **Power contact** | **COPPER ALLOY** | **Sn** |
| **16** | **Wire** | **COPPER** | **-** |
| **17** | **Bootlace** | **COPPER+PLASTIC** | **-** |
| **18** | **Inner block** | **PLASTIC** | **-** |
| **19** | **Inner contact** | **BRASS** | **NiSn** |
| **20** | **Screw** | **STEEL** | **-** |

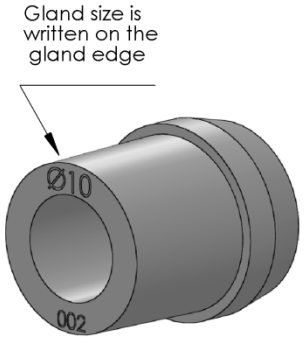
## GENERAL CHARACTERISTICS

| | | |
|---|---|---|
| **Mechanical** | | |
| Mating endurance (cycles) | IEC 61300-2-2 | 100 |
| Axial Tensile load (N typical) | IEC 61300-2-4 | 150 * |
| Vibration | IEC 61300-2-1 | Compliant |
| Recom. coupling torque (N.cm) | - | 250 min /300 max |
| Terminal block: | | TBD |
| Screw driver type: | - | 40 |
| Recom. coupling torque (N.cm) | - | |
| Weight (g) | - | 64.2800 |
| **Environmental** | | |
| Protection class | IEC 60529 | IP67 ** |
| Operating temperature (°C) | IEC 61300-2-22 | -40 / +85 |
| Storage temperature (°C) | IEC 61300-2-22 | -65 / +85 |
| Humidity (damp heat) (%RH) | IEC 61300-2-19 | 5 / 95 |
| Salt Mist | IEC 61300-2-26 (ISO21207 method B) | 720h ** |
| RoHS | - | Compliant |
| Flammability | UL 94 | V0 |
| UVB Resist (h) | ASTM G154 cycle 2 | 1000 |
| **Electrical** | | |
| Working voltage | - | Max. 300 AC or DC |
| Current rating | - | 16A with AWG16 wire (stranded) |
| | - | 20A with AWG14 wire (stranded) |
| Insulation resistance | EIA 364-21 | 5000MΩ minimum initial<br>1000MΩ minimum after environmental aging |
| Dielectric withstanding voltage | EIA 364-20 | 500V AC |
| **Others** | | |
| Equipment interface | - | For use with OCTIS™ panel interface or receptacle *** |
| Board socket | | For use with OCTI.363.500 |
| Cables | - | For use with power cable : 3 stranded conductors from 1.5 mm² (AWG16 = 7xAWG24) to 2.5 mm² (AWG14 = 7xAWG22) and braiding |
| Packaging | - | Unitary in plastic bag with assembly note |

* Depending on cable characteristics
** Mated condition
*** If the interface is to be die casted into the equipment panel, please contact Radiall for license conditions and interface definition

## RUBBER GLAND SELECTION CHART

| ΦD* | Recommended gland size |
|---|---|
| From 4.8 min to 5.8 Max | "6" |
| From 5.8 min to 6.8 Max | "7" |
| From 6.8 min to 7.8 Max | "8" |
| From 7.8 min to 8.8 Max | "9" |
| From 8.8 min to 9.8 Max | "10" |
| From 10.3 min to 11.3 Max | "11.5" |




*Cable diameter under the gland. If the cable has a sleeve, the diameter over the sleeve should be considered
The tolerances of ΦD should be taken into account to make sure it is always within the specified range