

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

DESCRIPTION

REP	COMPONENT	MATERIALS	PLATING
1	Tightening cone	NYLON	-
2	Plug cap	PBT GF	-
3	Gland nut	PBT GF	PURPLE COLOR
4	Grounding ring	STAINLESS STEEL	-
5	Housing	PBT GF	-
6	Holder	ZAMAK	PASSIVATED
7	Interface sealing gasket	SILICON	
8	Rubber gland Ø8	SILICON	
9	Rubber gland Ø9	SILICON	
10	Rubber gland Ø10	SILICON	
11	Lever	IXEF	
12	Locking button	PBT	
13	Terminal block	PLASTIC	
14	Inner block	PLASTIC	
15	Screw CM2.5x3.5	STEEL	
16	Power contact	COPPER ALLOY	Sn
17	Wire	COPPER	

PAGE 2/3	ISSUE 26-04-23A	SERIES OCTIS	PART NUMBER OCTI337550
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18	Bootlace	COPPER+PLASTIC	
19	Inner contact	BRASS	NiSn

GENERAL CHARACTERISTICS

Mechanical Mating endurance (cycles) Axial Tensile load (N typical) Vibration Recom. coupling torque (N.cm) Terminal block: Recom. coupling torque (N.cm) Screw Weight (g)	IEC 61300-2-2 IEC 61300-2-4 IEC 61300-2-1 - - - -	100 150 * - 250 min /300 max TBD 40 71.6190
Environmental Protection class Operating temperature (°C) Storage temperature (°C) Salt Mist RoHS Flammability UVB Resist (h)	IEC 60529 IEC 61300-2-22 IEC 61300-2-22 IEC 61300-2-26 (ISO21207 method B) - UL 94 ASTM G154 cycle 2	IP67 ** -40 /+85 -65 / +85 720h ** Compliant V0 1000
Electrical Working voltage Current rating Dielectric withstand voltage Insulation resistance	- - - EIA 364-20 EIA 364-21	Max. 300 AC or DC 16A with AWG16 wire (stranded) 20A with AWG14 wire (stranded) 5000MΩ minimum initial 1000MΩ minimum after environmental aging
Others Equipment interface Board socket Cable Packaging	- - - -	For use with OCTIS™ panel interface or receptacle *** For use with OCTI.363.500 For use with power cable : 3 stranded conductors from 1.5 mm² (AWG16 = 7xAWG24) to 2.5 mm² (AWG14 = 7xAWG22) and braiding Unitary in plastic bag with assembly note.

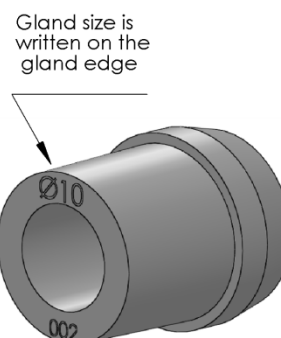
* Depending on cable characteristics

** 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