I4JONC6AIP68

IP68 CAT6A IDC JUNCTION

BENEFITS

- IP68 protection level suitable to harsh environments : dustproof & waterproof
- 1/4 turn waterproof lock
- Toolless field assembly : Easy and quick to wire
- Shielding 360°
- Conform 4PPoE



DESCRIPTION / APPLICATIONS

- IDC junction for RJ45 Cat6A ethernet links suitable to harsh environments (industrial, outdoor, ...)
- Allows quick repair of a rigid or patch damaged cable
- Recommended for consolidation point execution on permanent link below 75m
- Toolless assembly and connection
- 360° Zamac shielding for protection against electromagnetic interference
- Solid AWG 22-26
- Stranded AWG 23-27
- Colour code EIA/TIA A, B and PROFINET
- Diameter of cable allowed : 6,0 - 8,5 mm

NORMS

- Ethernet base T up to 10Gbits/s
- ISDN
- IEEE 802.3af/at/bt (PoE / PoE+/4PPoE)
- UL 1863
- IEC 60603-7-51
- ISO/IEC 11801-3

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ELECTRICAL PROPERTIES

MAX CURRENT :
1.5A

CONTACT RESISTANCE:
20mΩ

ISOLATION RESISTANCE
500MΩ

DIELECTRIC WITHSTAND VOLTAGE:
1000Vac

INSERTION CYCLE:
750 cycles

OPERATING TEMPERATURE :
-25°C to +50°C

MECHANICAL / TECHNICAL PROPERTIES

COATING: PA66 (rings)-Zn alloy+Nickel Plated (connector)
SHIELDING : Zamac
CONTACTS : Phosphor bronze with 50µ gold plating

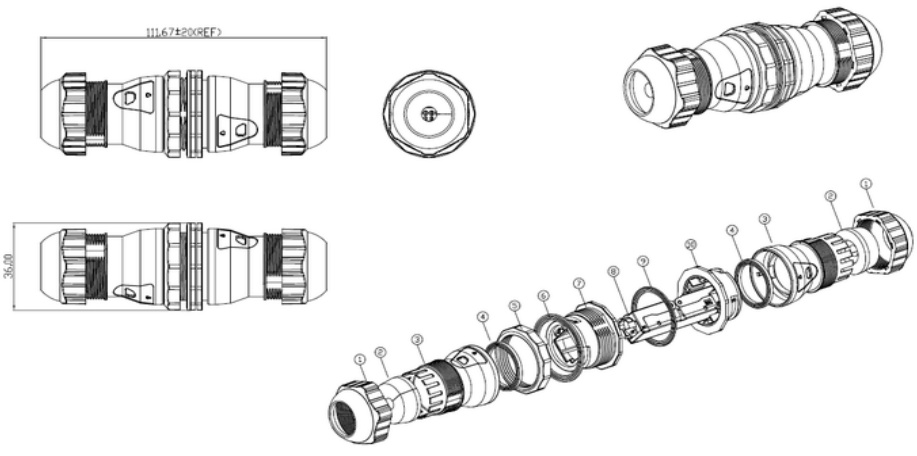
CODE COULEUR : EIA/TIA 568 A, B and PROFINET
AWG ADMISSIBLE : 22-26 solid
23-27 stranded

PERFORMANCES

CONNECTOR
IEC 60603-7-51 CAT6A
EN 50173-1
TIA/EIA-568-C.2
Insertion force : 30N
Conform RoHS and REACH

SYSTEM
TIA 568-C.2 CAT6A
ISO 11801 Ed3 Class Ea
EN 50173-1
IEEE 802.3af/at/bt (PoE / PoE+/4PPoE) 100W

DRAWINGS



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ORDER INFORMATION

P/N	DESCRIPTION	PACKAGING
I4JONC6AFSIP68	IP68 RJ45 CAT6A IDC junction	Unit

ASSOCIATED PRODUCTS



I4T6AFSIP68
IP68 Cat6A RJ45 toolless field connector



I4TCOUPL6AIP68
IP68 Cat6A RJ45 female-female field coupler

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