I4TCOUPL6AIP68

IP68 CAT6A RJ45 FEMALE-FEMALE FIELD COUPLER

BENEFITS

- IP68 protection level suitable to harsh environments : dustproof & waterproof
- ZAMAC shielding 360 °
- 1/4 turn waterproof lock
- Toolless assembly



DESCRIPTION / APPLICATIONS

- CAT6A RJ45 female/female straight junction coupler for Industrial Ethernet RJ45 CAT6A network
- Field mounting
- IP68 protection rating
- Suitable to harsh environments (industrial, outdoor, ...)
- Ea class link performance
- Zamac shielding to avoid electromagnetic interference

NORMS

- Ethernet base T up to 10Gbits/s
- ISDN
- IEEE 802.3af/at/bt (PoE / PoE+/4pPoE)
- UL 1863

ENVIRONMENTAL PROPERTIES

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

CONFORM TO :
RoHS and REACH

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ELECTRICAL PROPERTIES

CURRENT :
1.5A

CONTACT RESISTANCE:
20mΩ

ISOLATION RESISTANCE:
500MΩ

DIELECTRIC WITHSTAND VOLTAGE :
1000Vac - 60Hz

MECHANICAL / TECHNICAL PROPERTIES

COATING:
Plastic ring : PA 66
Connector : Zn+Ni alloy

SHIELDING : Zamac

INSERTION CYCLE : 750 cycles

CONTACT : Bronze, platine Ni+Au 1.2µm

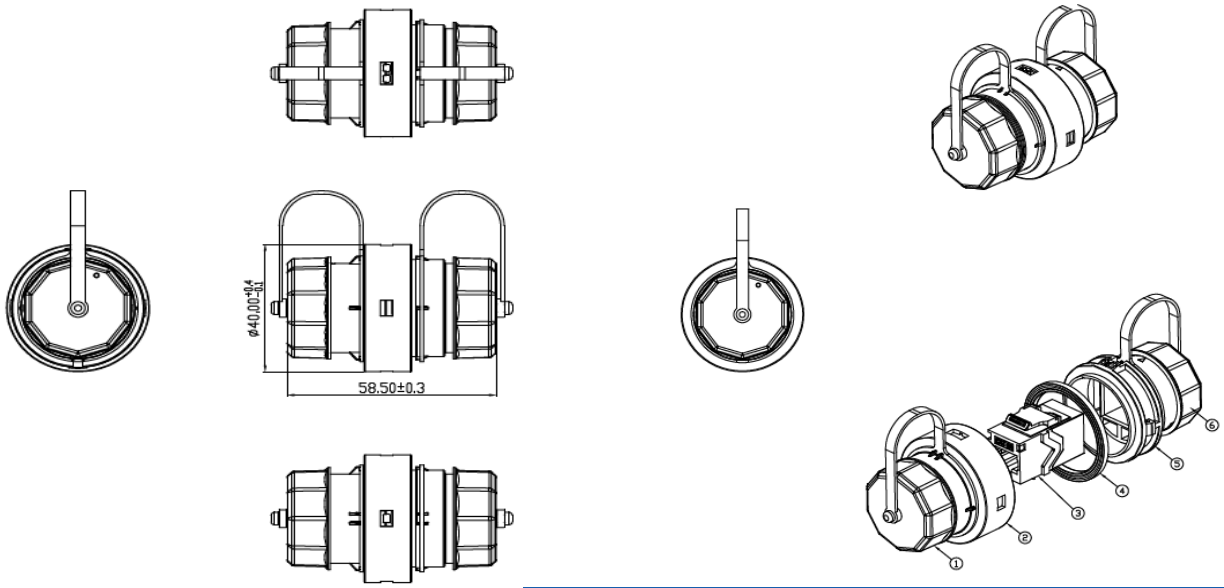
INSERTION FORCE : 30N

PERFORMANCES

SYSTEM
TIA 568-C.2 CAT6A
ISO 11801 Ed3 Class Ea
EN 50173-1

APPLICATION
IEEE 802.3af/at/bt (PoE / PoE+/4pPoE)

DRAWINGS



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ORDER INFORMATION

P/N	DESCRIPTION	PACKAGING
I4TCOUPL6AIP68	IP68 Cat6A RJ45 female-female field coupler	Unit

ASSOCIATED PRODUCTS



I4PLUGIP68
IP68 RJ45 CAT6A plug



I4PLST6AIP68
IP68 RJ45 CAT6A field plug

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