

# DATA SHEET

# I4COUPL6AIP68

RJ45 CAT6A COUPLER SHIELDED IP68

# 

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







# **DESCRIPTION / APPLICATIONS -**

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

### NORMS -

- Ethernet base T jusqu'à 10Gbits/s
- ISDN

- IEEE 802.3af/at/bt (PoE / PoE+/4pPoE)
- UL 1863

## ENVIRONMENTAL PROPERTIES ———

**OPERATING TEMPERATURE :** -25°C à +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

## PERFORMANCE

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

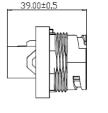
#### APPLICATION

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

## **DRAWINGS** -













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### **ORDER INFORMATION** -

P/N

I4COUPL6AIP68

DESCRIPTION CAT6A COUPLER SHIELDED IP68 CONDITIONING

Unit

## ASSOCIATED PRODUCTS -



I4PLUGIP68 RJ45 CAT6A Plug IP68



I4CAPRJ IP67 RJ45 coupler or connector cap



I4PLST6AIP68 Field plug RJ45 CAT6A IP68 shielded



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