Schneider Electric

PRODUCT TECHNICAL DATASHEET

CATEGORY 6 UNSHIELDED RJ-45 KEYSTONE JACKS

PRODUCT DESCRIPTION

The Schneider DIGILINK unshielded copper RJ-45 keystone jack series includes high performance Category 6 snap in 8-position/8-contact (8P8C) jacks conforming to IEC 60603-7-2. The jacks are designed for fast and easy snap-in and out of wall plates and patch panels. All jacks are designed in a 180° form and are available with back interconnection of krone IDC blocks.

PRODUCT COMPLIANCE

Performance as per ANSI/TIA-568-C.2 category 6 and ISO/IEC-11801 Class E

Performance guaranteed upto 600 MHz extended frequency

Performance verified by ETL

UL listed as per UL94V-0 rated plastic

RoHS Compliant (lead free)

PRODUCT FEATURES

Available in white, blue, green, yellow, red & black

Robust and installer friendly design

Compatible with 26 AWG to 22 AWG solid cables

Compatible to T568A and T568B wiring pattern

Open out shuttered keystone jack (optional)

PRODUCT SPECIFICATION

Mechanical Specifications

Pull Force (Retention): 140N (14Kgf)

Conductor Compatibility: 0.40mm to 0.65mm (26 AWG to 22AWG)

Jack Contact: Phosphor Bronze

   Base nickel plating: 2.54 μm (100μ")

   Top Gold plating: 1.27μm (50μ")

Mating: 750 cycles (min)

Termination cycle : 200 times

Electrical Specifications

Voltage rating: 72 Vdc (max)

DC resistance: 72Ω (max)

Dielectric Strength: 1000 V rms for 60s (min)

Insulation Resistance: 500MΩ (min) @ 500 Vdc

Contact Resistance: 20mΩ (max) per contact

Current Rating: 1.5A (max)

Environmental Specifications

Operating Temperature: - 40°C to 70 °C

Storage Temperature: - 40°C to 70 °C

PRODUCT ORDERING INFORMATION

Part Code	Range	Product description
DC6KYSTU-WT	Digilink	Digilink Cat 6 Unshielded RJ-45 keystone jack, White
DC6KYSTU-BL	Digilink	Digilink Cat 6 Unshielded RJ-45 keystone jack, Blue
DC6KYSTU-GN	Digilink	Digilink Cat 6 Unshielded RJ-45 keystone jack, Green
DC6KYSTU-YL	Digilink	Digilink Cat 6 Unshielded RJ-45 keystone jack, Yellow
DC6KYSTU-RD	Digilink	Digilink Cat 6 Unshielded RJ-45 keystone jack, Red
DC6KYSTU-BK	Digilink	Digilink Cat 6 Unshielded RJ-45 keystone jack, Black