HBNS04501

By Hubbell Wiring Device-Kellems
Catalog # HBNS04501

Mini-Quick Control Connectors, Male Nylon Straight Receptacle, 4P 16/5

Features

- Black overmold and cable
- Insulgrip connector body design
- Plating resists corrosion in high abuse environments
- Nickel plated brass coupling nuts and receptacle shells

Application

Quick Connect/Disconnect Signal and Control

Performance

- Electrical - Amperage - #16 AWG - 2&3P=15A, 4P=12A, 5&6P=10A
- Electrical - Contact Resistance - Less than or equal to 5 Milliohm
- Electrical - Isolation Resistance - Greater than or equal to 1000 Megaohm
- Electrical - Voltage Rating - 600V DC/600V AC
- Environmental - Corrosion Resistance - 500 hours salt spray per MIL-STD-1344, Method 1001
- Environmental - Ingress Protection - IP66 Suitability
- Environmental - Moisture Protection - UL Type 4, 4X, 12 and 13
- Environmental - Operating Temperature - AWM2661 cables: -20°C to 105° C
- SEOOW cable: -40°C to 105° C
- Environmental - Vibration Resistance - 10 - 2,000 Hz @15g per MIL-STD-1344, Method 2005

General

Catalog Number	HBNS04501
Construction	Nylon Shell
EU RoHS Indicator	Yes
Item Type	Male Receptacle
Material	Composite
Number Of Poles	4
Specifications	• Contact Plating - Hard gold over palladium/nickel • Insulator Materials - Nylon 6/6, White

- Overmold Material - Polyurethane, Black
- Receptacle Shell - Nickel plated brass
- Receptacle Shell, Nylon - Nylon 6/6, Black

UPC	783585836270

Electrical Ratings

Amperage Rating	12 A
Current / Amperage Rating	12 A
Current Rating	12 A
Voltage Rating	600V kV
Wattage	2400

Conductor Related

Conductor Size	#16 AWG Discrete Wire
Conductor Type	Copper
Number of Conductors	4

Certifications And Compliance

Industry Standard(s)	• CSA Certified, C22.2 No. 182.3 and CSA C22.2 No. 94.2-07 • UL 2238 and UL50E, File No. E192071
Nema Rating	Non-NEMA

Logistics

Carton Quantity	50

Product Assets

Catalogs - WDK Catalog Full 2024
Installation Manuals - WIRING_PD1601_INSTALLINST
Literature - PULP & PAPER SOLUTIONS
Literature - Pulp & Paper Solutions
Sales Drawings - WDK_HBNS0_DRAWING_PDF
Specifications - HBNS04501 Specification Sheet English
Specifications - HBNS04501 Specification Sheet French