Cat6 Jack Module

Technical data pages by Spectrum

Keystone RJ 45 socket category 6A UTP fast crimping connection, Black

Part Number: **813438**

Cat6A Unshielded RJ45 Rotating Locking System Keystone Jack Module is designed to terminate 4-pair,23-26 AWG twisted pair cable. Each module is factory tested to exceed industry standard performance requirements. Contacts are plated with 50 microinches of gold for superior performance. Jacks are individually serialized, and are compatible with keystone interfaces such as faceplates, module a patch panels and surface mount boxes.

CAT6A JACK MODULE

Cat6A RJ45(8P8C) UTP Toolless Keystone Jack Module

The Cat6a keystone toolless style connectors make for a simple installation without the need for a punch down tool. Toolless keystone jacks are an ideal solution for terminating and connecting network cable, such as Cat6a premise wiring, the RJ45 keystone jack snaping into wall plates, patch panels and surface-mount boxes.

Features and Benefits

- Support IEEE 802.3af/at, Verified IEC 60512-99-001 & IEC 60512-99-002 Test
- Fast Installation without Any Special Punch Tool or Crimping Tool
- Dual-color-coded Labeling for 568A/B (258A) Wiring Schemes
- Gold-plated RJ45 Contacts for Optimal Conductivity
- To Be Used with Keystone Wall Plate or Panel

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Technical Descriptions

Characteristics	
Category	Cat. 6A
Cable Type	Unshielded
Conductor Type	Solid | Stranded
Connector	RJ45 Female
Data Rate Support	10GBase-T
Wire Gauge Supported	22-26AWG Cable

Mechanical characteristics	
Impact resistance	IK 03
Penetration against solid bodies and liquids	IP 20
Max. number of connections and disconnections	5 without refreshing the wiring
Endurance	2500 movements (plug insertion/withdrawal).

Material characteristics	
Contacts	Gold/nickel, minimum thickness of gold > 0.8 µm
Metal parts	Bronze, nickel, platinum, gold
Base	Polycarbonate

Electrical characteristics	
Breakdown voltage	≥ 1000 V
Contact resistance	≤ 20 mΩ
Insulation resistance	≥ 500 mΩ at 100 VDC
Tested and independently	certified to comply with IEC 60512-99-001 and IEC 60512-99-002 for PoE support up to 90 W (Type 4)

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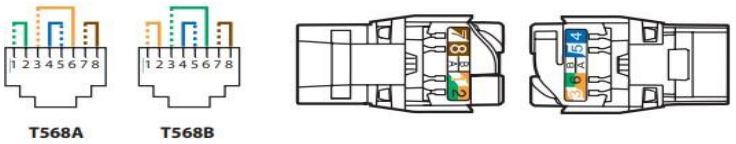
CONNECTION

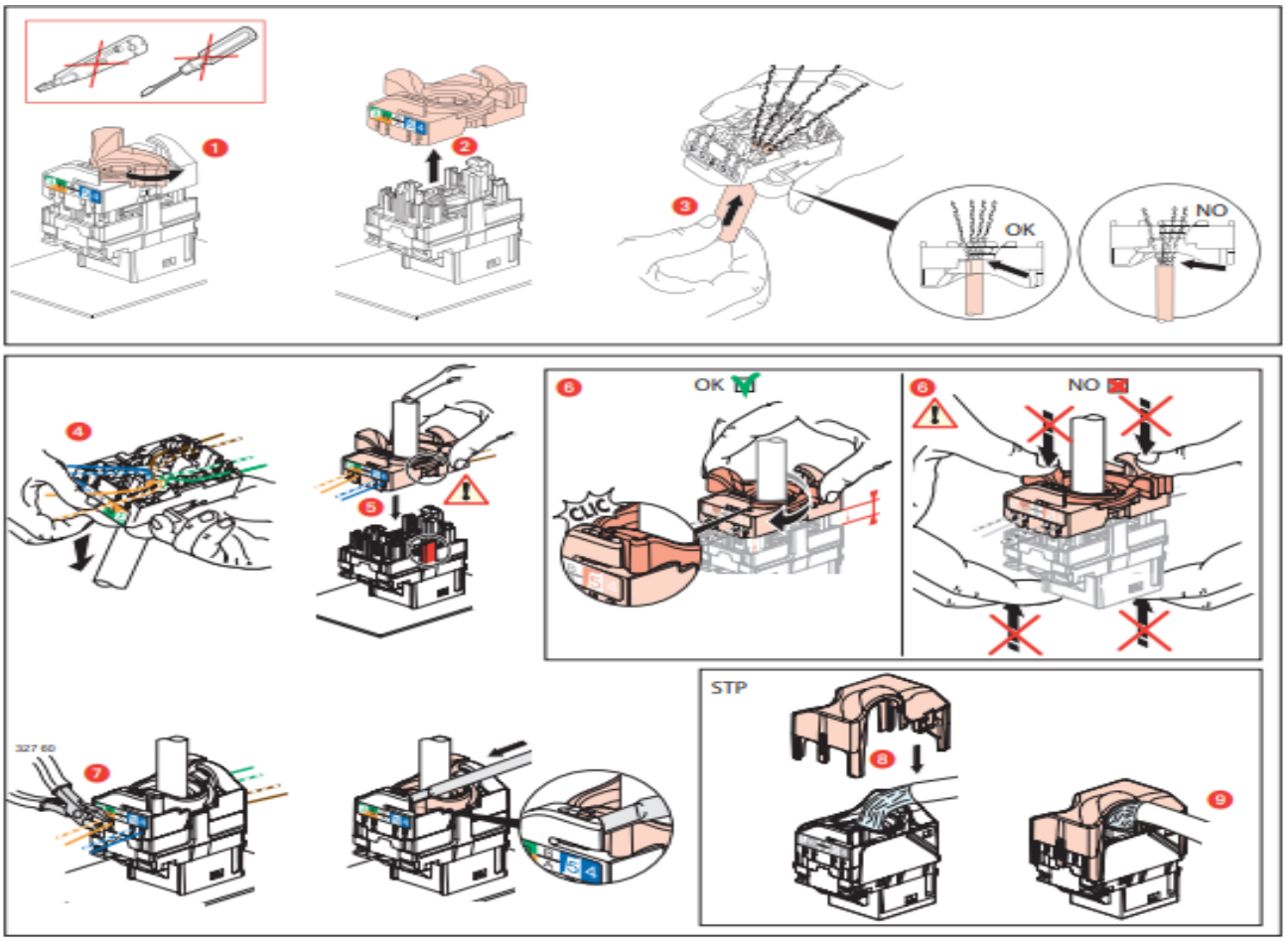
Accepts the following cable connectors: RJ 11 (4 contacts), RJ 12 (6 contacts), RJ 45 (9 contacts). Double color T568A and T568B on terminals: UTP 8 contacts



Conductors supported:

- Solid/stranded 0.4 to 0.65 mm, AWG 26 to 22
- Polyethylene conductor insulation Ø 0.85 to 1.7 mm on insulation.

  RJ 45 connectors are equipped with a rotation locking that does not require special tool and enables re-wiring in the event of error



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