



Wenzhou Safewire Electric Co.,Ltd.

2nd floor, Wealth Garden, Liushi Town, Yueqing city,Wenzhou,Zhejiang,China
Tel:0086-577-61725369; Email:info@safewirele.com;

www.safewirele.com

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SPECIFICATION SHEET

PRODUCT NAME: Keystone Jack Module

PRODUCT No. : M-NE-189A



M-NE-189A

ADD: 152 xinguang industrial zone, yueqing city, zhejiang province

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Product Description

Item No.	M-NE-189A
Category	CAT5E,CAT6
TIA/EIA	568A/B coded
Terminal	Dual IDC
Type	Unshielded
Size	25*50mm
Brand	Safewire
Material	Panel: ABS; Inside part: Copper;Touch point : Silver alloy touch point
Color	White/Black optional
Mechanical Life	50,000 Times

Product Show:



Product description

Safewire RJ45 keystone jack modules is including CAT5e,CAT6 Keystone of 8-position 8-conductor (8P8C) & shutter and designed for computer networking. The unique toolless design does not require the use of a crimping tool. 568A and 568B color wiring diagram is integrated on the lid for easy installation. The modular plugs are manufactured from high-impact clear poly-carbonate to withstand everyday wear and tear.



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- *Applicable for: Compatible with field-configurable panels and 86*86mm/86*146mm work area faceplate ; Slim profile design for the high density applications.
- * CAT6 rated connector provide excellent performance for data networks 100MHZ/120Mbps speed and bandwidth.
- * PCB technology provides maximum performance and superior signal quality.
- * Gold plated contacts and easy snap-in retaining clip ensure a secure and corrosion free connection.
 - * Using high quality poly-arbonate flame retardant materials as UL94V-0.
 - * Includes an integrated TIA-568A/B color wiring diagram.
- * Backwards compatible to all lower rated category components.
- * The modules unilize rear cable management ensure a neat and professional cable termination.A removeable designation strip to ensure clear and precise identification.
- * Applicable wire gauge: 22 to 26AWG.
- * Rear IDC (Insulation Displacement Connector) type contacts offer effortless of termination and improved wire retention.

Technical Spec.:

1. Electrical:

- 1.1.Insulation Resistance: Min 500 MOhm @100 Vdc.
- 1.2.Dielectric Withstanding voltage/Compressive strength: 1,000 Vdc/ac peak contact-to-contact @ 60 Hz for 1 min.
- 1.3.Spring Wire Contact Resistance: Max. 20 mOhm.
- 1.4.IDC Contact Resistance: Max. 2.5 mOhm.

2. Mechanical:

- 2.1. Dimensions:D: 34.42mm/1.35"; W:23.03mm/0.91"; H:45mm/1.77";
- 2.2. Wiring diagram: TIA/EIA568 OR ISO/IEC11801 standard;IDC wiring:180 degree IDC twisted Pairs;
- 2.3. Total Contact Force: Min 800 g for 8 wire leads.
- 2.4. Retention: 50 N(11 lbf) for 60+_5 S;
- 2.5. Mating Cycle Life: Min 750 cycles;

3. Construction:

- 3.1. Housing: Fire retardant PC material: UL94V-0;
- 3.2. Jack Spring Wire:Phosphor Bronze alloy plated with 50 Uin of gold over 70 to 100 Uin of nickel;
- 3.3. IDC: Dual IDC type, phosphor Bronze alloy with 100 Uin 100% tin alloy;22-26AWG conductor;



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Installation Instructions:

1. **Insert Prepared Jack:** Strip off cable jacket to expose approximately 3/4" /1.90mm of wires . Then wire jack to preferred wiring scheme.
2. **Punch& Cut:** Insert jack into your termination tool and press firmly down to terminate and cut excess wire.
3. **Installation:** Slide terminated jack out of the Termination Tool. And install supplied IDC cap onto jack.
4. **Snap into:** Ready to snap into the faceplate or panel.

RoHS Certificate of Compliance: Conforms with the Directive 2002/95/EC (ROHS)