RJ011

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	rj011
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Mitsubishi Electric
Part Number	RJ011
Connector Type	Modular Jack (8P8C)
Integrated Magnetics	Yes
Ethernet Compatibility	10/100 BaseT
LED Indicators	Yes
Shielded	Yes
Rated Voltage	150 Vac
Rated Current	1.5 A
Withstand Voltage	1,500 Vac (for 1 minute)
Contact Resistance	40 mΩ
Insulation Resistance	500 MΩ

Description

The Mitsubishi RJ011 is a high-quality modular jack connector designed for reliable network connectivity in industrial automation systems. Manufactured by Mitsubishi Electric, this component ensures robust performance and durability in demanding environments.

Key features include an 8-position, 8-conductor (8P8C) configuration, integrated magnetics for enhanced signal integrity, and compatibility with 10/100 BaseT Ethernet standards. The RJ011 also features built-in LEDs for status indication and is shielded to minimize electromagnetic

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interference.

Its rated voltage is 150 Vac, with a rated current of 1.5 A, and it can withstand voltages up to 1,500 Vac for one minute. The contact resistance is 40 mΩ, and the insulation resistance is 500 MΩ. Designed for a wide operating temperature range from 0°C to 70°C, the RJ011 is suitable for various industrial applications requiring reliable and efficient network connections.